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Dear Mr. Kieling

Kirtland AFB is submitting the Resource Conservation and Recovery Act Facility Investigation Report for Solid Waste Management Unit WP-26, Sewage Lagoons and Golf Course Main Pond, in an electronic format as requested. Based on the work plan schedule, the required date for submittal is 18 September 2009.

If you have any questions regarding this, please contact Mr. Mark Holmes at (505) 846-9005.

Sincerely

MICHAEL S. DUVALL, Colonel, USAF
Commander

2 Attachments:
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KAFB3319

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KIRTLAND AIR FORCE BASE, NEW MEXICO

2009 *Resource Conservation and Recovery Act* Facility Investigation Report for Solid Waste Management Unit WP-26, Sewage Lagoons and Golf Course Main Pond

September 2009

377 MSG/CEANR
2050 Wyoming Blvd. SE
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ENVIRONMENTAL RESTORATION PROGRAM
KIRTLAND AIR FORCE BASE, NEW MEXICO

2009 *RESOURCE CONSERVATION AND RECOVERY ACT* FACILITY INVESTIGATION REPORT FOR SOLID WASTE MANAGEMENT UNIT WP-26, SEWAGE LAGOONS AND GOLF COURSE MAIN POND

September 2009

Prepared for
Department of the Army
Corps of Engineers, Tulsa District
Tulsa, Oklahoma 74128-4609

Contract No. W912BV-04-D-2006
Task Order No. 0010

Prepared by
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13. ABSTRACT (Maximum 200 words)

This 2009 *Resource Conservation and Recovery Act* Facility Investigation (RFI) Report documents the soil vapor and perched groundwater field investigation at solid waste management unit (SWMU) WP-26, Sewage Lagoons and Golf Course Main Pond, at Kirtland Air Force Base (AFB), New Mexico.

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Restoration Chief

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NATURAL RESOURCE INJURY

The Department of Defense (DoD) policy requires the identification of Natural Resource Injury (NRI) and, whenever practicable, the rectification of any NRI during the site assessment, investigation, and remedy selection and implementation process for cleanup actions (DoD, 2000). As stated in the policy, DoD's objectives are:

> "…to promote earlier and more complete consideration of the risks to natural resources associated with past activities and cleanup alternatives; to ensure that Components exercise their statutory Trustee authorities to address NRI on behalf of the public; to lower the total life-cycle costs of the Components' remediation programs; and to reduce the potential for response cost recovery or natural resource damage claims against the Components."

Based on the above discussions and the site-specific conditions presented in this report, implementation of the selected remedial alternative at solid waste management unit WP-26 will not result in any NRIs. Furthermore, any residual contamination at the site is being evaluated to determine if it poses any harm to natural resources such as groundwater or ecological receptors.

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ENVIRONMENTAL JUSTICE CONSIDERATION

Presidential Executive Order (EO) 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (59 *Federal Register* 7629), requires identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of federal programs, policies, and activities on minority and low-income populations. For purposes of this report, the population within a 50-mile (mi) radius around Kirtland Air Force Base (AFB) was considered. Demographic and economic census information presented in *Addressing Environmental Justice Under the National Environmental Policy Act at Sandia National Laboratories/New Mexico* (SNL/NM) was used as a primary reference (SNL/NM, 1997).

Populations living up to a 50-mi radius of Kirtland AFB, which exceed 49 percent of the population according to census data, are evaluated with regard to health and environmental effects from activities at Kirtland AFB. Similarly, low-income populations exceeding 21 percent of the general population were analyzed for effects from corrective measures activities at Kirtland AFB.

Minority populations are considered to be all people of color except white people who are not Hispanic. In 1990, 49 percent (51 percent by 1996) of New Mexico's population was minority (U.S. Bureau of Census, 1998). Neighborhoods having minority population percentages exceeding the minority population percentage of 49 percent (slightly more conservative than 51 percent) were identified on a block-by-block basis, with clusters of blocks known as block groups.

The U.S. Bureau of Census characterizes persons in poverty (low-income persons) as those whose incomes are less than a statistical poverty threshold. The threshold is a weighted average based on family size and age of family members. For instance, the 1990 census threshold for a family of four was based on a 1989 household income of $12,674 (U.S. Bureau of Census, 1990). By 1996, the household income threshold rose to $16,036 (U.S. Bureau of Census, 1997). In 1989, 21 percent of New Mexico's population was listed in poverty or designated as having low income (U.S. Bureau of Census, 1996). By 1996, the estimated percentage stood at 24 percent (U.S. Bureau of Census, 1997). In this analysis, low-income block groups (same as above) occur where the low-income population percentage in the block group exceeds the poverty percentage for the State of New Mexico.

According to 1990 census data, approximately 280,360 minority individuals from an approximate total population of 609,500 reside in the 50-mi radius of impact (ROI). This represents 46 percent of the total ROI population.

Block groups having less than 21 percent low-income individuals were not considered to contain a large number of low-income neighborhoods because they contain less than or equal to the state average of 21 percent. Approximately 85,330 persons were identified as being low income, which represents approximately 14 percent of the ROI population.

This distribution of low-income population has strong correlation to minority populations of Blacks, Native Americans, and Hispanics. For example, portions of the Pueblo of Isleta, south of Albuquerque, have high percentages of low-income individuals. To the southeast of Kirtland AFB, the rural Hispanic villages of Tajique, Torreon, and Escobosa also are low income. To the north of Kirtland AFB, high concentrations of low-income populations are located in the Pueblos of Jemez, Santo Domingo, and Cochiti, as well as in the rural Hispanic villages of La Cienega and Jemez Springs.

High concentrations of low-income populations occur west of Kirtland AFB, along the Rio Grande, in the predominantly Hispanic South Valley neighborhoods. In addition, small pockets of low-income

populations reflect the locations of Black neighborhoods such as the Kirtland Addition and the South Broadway/East San Jose area.

The environmental and human health effects considered include potential impacts to surface and groundwater from contamination, restricted access by Native Americans to traditional cultural sites, biological resources, air quality, and noise. Based on the findings of this report, there are no identified negative impacts from solid waste management unit WP-26 that would pose adverse health effects on the general human populations. Based on the analysis of any potential impacts, there would be no disproportionately high or adverse impacts to minority and low-income populations. Any impacts due to restrictions of access to cultural sites would be resolved by coordination between the Kirtland AFB and the local Tribes to develop processes to allow access during periods in which safety standards and practices would be maintained.

PREFACE

This *Resource Conservation and Recovery Act* (RCRA) Facility Investigation (RFI) report documents the 2009 soil vapor and perched groundwater field investigation at solid waste management unit (SWMU) WP-26, Sewage Lagoons and Golf Course Main Pond, at Kirtland Air Force Base (AFB), New Mexico. The report addresses the requirements designated in the U.S. Air Force statement of work dated 14 February 2007.

This report was prepared by CH2M HILL in September 2009. The work was performed under the authority of the U.S. Army Corps of Engineers (USACE), Tulsa District, Contract Number W912BV-04-D-2006, Task Order 0010. Ms. Susan Trussell served as the USACE Project Manager.

Sharon L. Minchak, P.G.	Karen E. Jarocki, P.G.
CH2M HILL Program Manger	CH2M HILL Project Manager

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AFB	Air Force Base
ARCH	air rotary casing hammer
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene
CFC	chlorofluorocarbon
COPC	contaminant of potential concern
CSM	conceptual site model
DCA	dichloroethane
DCB	dichlorobenzene
DCE	dichloroethene
DPT	direct push technology
EPA	U.S. Environmental Protection Agency
ERP	Environmental Restoration Program
ft	foot/feet
Freon-12	dichlorodifluoromethane
FD	fluid duplicate
FLUTe™	Flexible Linear Underground Technologies
GCMP	golf course main pond
HSA	hollow stem auger
HSDB	Hazardous Substance Database
ID	identifier
IDW	investigation derived waste
J	data are estimated due to associated quality control data
LTM	Long-Term Monitoring Program
MCL	maximum contaminant level
MEK	methyl ethyl ketone
µg/L	micrograms per liter
mg/kg	milligram per kilogram
mg/L	milligram per liter
MtBE	methyl tert butyl ether
NAPL	non aqueous phase liquids
ND	not detected
NE	not established
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission

ACRONYMS AND ABBREVIATIONS (Concluded, Page 2 of 2)

PAH	polynuclear aromatic hydrocarbons
PCB	polychlorinated biphenols
PCE	tetrachloroethene
PID	photoionization detector
ppbv	parts per billion by volume
PVC	polyvinyl chloride
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RFI	RCRA facility investigation
SSL	soil screening level
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TCE	trichloroethene
TDS	total dissolved solids
TKN	total Kjeldahl nitrogen
TPH	total petroleum hydrocarbon
USACE	U.S. Army Corps of Engineers
USAF	U.S. Air Force
VOC	volatile organic compound

EXECUTIVE SUMMARY

This *Resource Conservation and Recovery Act* (RCRA) Facility Investigation (RFI) report documents the 2009 soil vapor and perched groundwater field investigation at solid waste management unit (SWMU) WP-26, Sewage Lagoons and Golf Course Main Pond (GCMP) at Kirtland Air Force Base (AFB), New Mexico. The 2009 soil vapor and perched groundwater investigation at the former sewage lagoons was performed to address data gaps identified in the RFI work plan. Activities were not conducted at the GCMP area of SWMU WP-26.

The 2009 RFI included the installation and sampling of soil vapor monitoring points and perched groundwater monitoring wells in the area surrounding SWMU WP-26. Soil vapor and perched groundwater data are evaluated; the nature and extent of vadose zone and perched groundwater contamination by volatile organic compounds (VOCs) is revised in an updated conceptual site model (CSM). In addition, historic regional groundwater data is evaluated to determine if VOCs present in the vadose zone and perched groundwater could be a source of contamination to the regional groundwater.

Field activities for the 2009 RFI consisted of installing soil vapor monitoring points at 18 locations at depths ranging from 10 ft bgs to 200 ft bgs. Soil vapor samples were collected from the soil vapor sampling points and analyzed for VOCs. Soil vapor samples were also collected from three dry groundwater monitoring wells and analyzed for VOCs. Three groundwater monitoring wells were drilled and installed into the perched groundwater zone at the site. Soil samples were collected during drilling activities and were analyzed for nitrogen species and VOCs. Groundwater samples were collected from the newly installed groundwater monitoring wells following well development and were analyzed for nitrogen species, VOCs, and perchlorate.

Soil vapor samples contained the following VOCs were detected in greater than 5 percent of samples and with maximum detections greater than 10 parts per billion by volume (ppbv):

- Petroleum related compounds: benzene, ethylbenzene, toluene, xylenes, 1,2,4-trimethylbenzene, 2-hexanone, and methyl tert-butyl ether (MtBE);

- Biodegradation products of petroleum hydrocarbons: acetone, 2-butanone, MEK, and carbon disulfide;

- Chlorinated VOCs: trichloroethene (TCE), tetrachloroethene, 1,1-dichloroethane, 1,1-dichloroethene (DCE), cis-1,2-DCE, chloroform, and methylene chloride; and

- CFCs: trichlorofluoromethane and Freon-12.

The soil vapor VOC concentrations generally increase with depth with the highest detected concentrations occurring closer to the perched groundwater that occurs at 200 ft bgs. The lateral extent of the soil vapor contamination is defined by low VOC concentrations in soil vapor monitoring points located on the northern, western, and southeastern sides of the former sewage lagoons.

Soil samples collected during borehole drilling did not indicate the presence of constituents at concentrations that exceed the New Mexico Environment Department (NMED) residential soil screening levels (SSLs). Soil surrounding the former sewage lagoons is not contaminated by past operations.

Perched groundwater samples contained measureable concentration of several chlorinated VOCs. Trichloroethene is present in the newly installed monitoring well KAFB-2625 at a concentration of 6.6 micrograms per liter (µg/L) which exceeds the U.S. Environmental Protection Agency (EPA) maximum contaminant level (MCL) for drinking water but does not exceed the New Mexico Water Quality Control Commission (NMWQCC) standard of 100 µg/L for groundwater. Perched groundwater occurs over a limited area near the former sewage lagoons as evidenced by the dry monitoring wells located on the eastern side of the lagoons.

Results from past regional groundwater investigations indicate that regional groundwater at the former sewage lagoons is not contaminated with VOCs or nitrate at concentrations that exceed EPA MCLs or NMWQCC groundwater standards. Evaluation of soil vapor below the perched groundwater layer indicated that perched groundwater and soil vapor are not likely to represent a source of future contamination to the regional groundwater.

It is recommended that a corrective measures study for soil vapor and perched groundwater be performed based on the results of this RFI and the risk assessment for soil vapor and perched groundwater, which is being prepared under a separate cover. Analytical data indicate that remediation of VOC contamination in and above the perched groundwater should be evaluated.

1.0 INTRODUCTION

This *Resource Conservation and Recovery Act* (RCRA) Facility Investigation (RFI) report documents the 2009 soil vapor and perched groundwater field investigation at solid waste management unit (SWMU) WP-26, Sewage Lagoons and Golf Course Main Pond (GCMP) at Kirtland Air Force Base (AFB), New Mexico (Figure 1-1). The 2009 soil vapor and perched groundwater investigation at the former sewage lagoons was performed to address data gaps identified in the RFI work plan (U.S. Air Force [USAF], 2008). Activities were not conducted at the GCMP area of SWMU WP-26 and therefore, data related to the GCMP are not included in this RFI report. This work was conducted as part of the Environmental Restoration Program (ERP) under Contract Number W912BV-04-D-2006, Task Order 0010, in accordance with the U.S. Army Corps of Engineers (USACE) Statement of Work dated 14 February 2007.

The 2009 RFI included the installation and sampling of soil vapor monitoring points and perched groundwater monitoring wells in the area surrounding SWMU WP-26. Soil vapor and perched groundwater data are evaluated in this document; the nature and extent of vadose zone and perched groundwater contamination by volatile organic compounds (VOCs) is revised in an updated conceptual site model (CSM). In addition, historic regional groundwater data is evaluated to determine if VOCs present in the vadose zone and perched groundwater could be a source of contamination to the regional groundwater. A comprehensive risk assessment based on soil vapor, perched groundwater, and regional groundwater will be prepared and presented under a separate cover.

The New Mexico Environment Department (NMED) Hazardous Waste Bureau provided comments on the RFI work plan (USAF, 2008) in a Notice of Deficiency letter dated October 20, 2009. The letter required Kirtland AFB to provide requested information in this RFI report. The Notice of Deficiency letter and a response to comments matrix are included as Appendix A. The requested information was incorporated throughout this report as documented in the response to comments matrix.

1.1 Objectives and Scope

The objectives of this RFI report are to document the 2009 soil vapor and perched groundwater field investigation, and to use results of this investigation along with historical data to assess the nature and extent of contamination in the vadose zone and perched groundwater. The data assessment presented in this document is intended to provide information for the determination of potential corrective measures for SWMU WP-26 or to determine if the site is appropriate for a no further action determination. The following are the specific objectives of this report:

- Document the 2009 RFI activities and results;
- Define the vertical and horizontal extent of VOC contamination in the vadose zone using results of the 2009 RFI and previous investigations;
- Define the horizontal extent of VOC contamination in perched groundwater using results of the 2009 RFI and previous investigations;
- Update the CSM by evaluating 2009 and historic soil vapor and perched groundwater data; and
- Determine if SWMU WP-26 requires further evaluation for corrective measures or if the site is appropriate for a no further action determination.

Data assessments in this document are limited to VOC contaminants in soil vapor and VOCs, nitrogen species, and perchlorate in perched groundwater. Risk assessments are not included in this report. A soil vapor and groundwater risk assessment will be submitted under a separate cover.

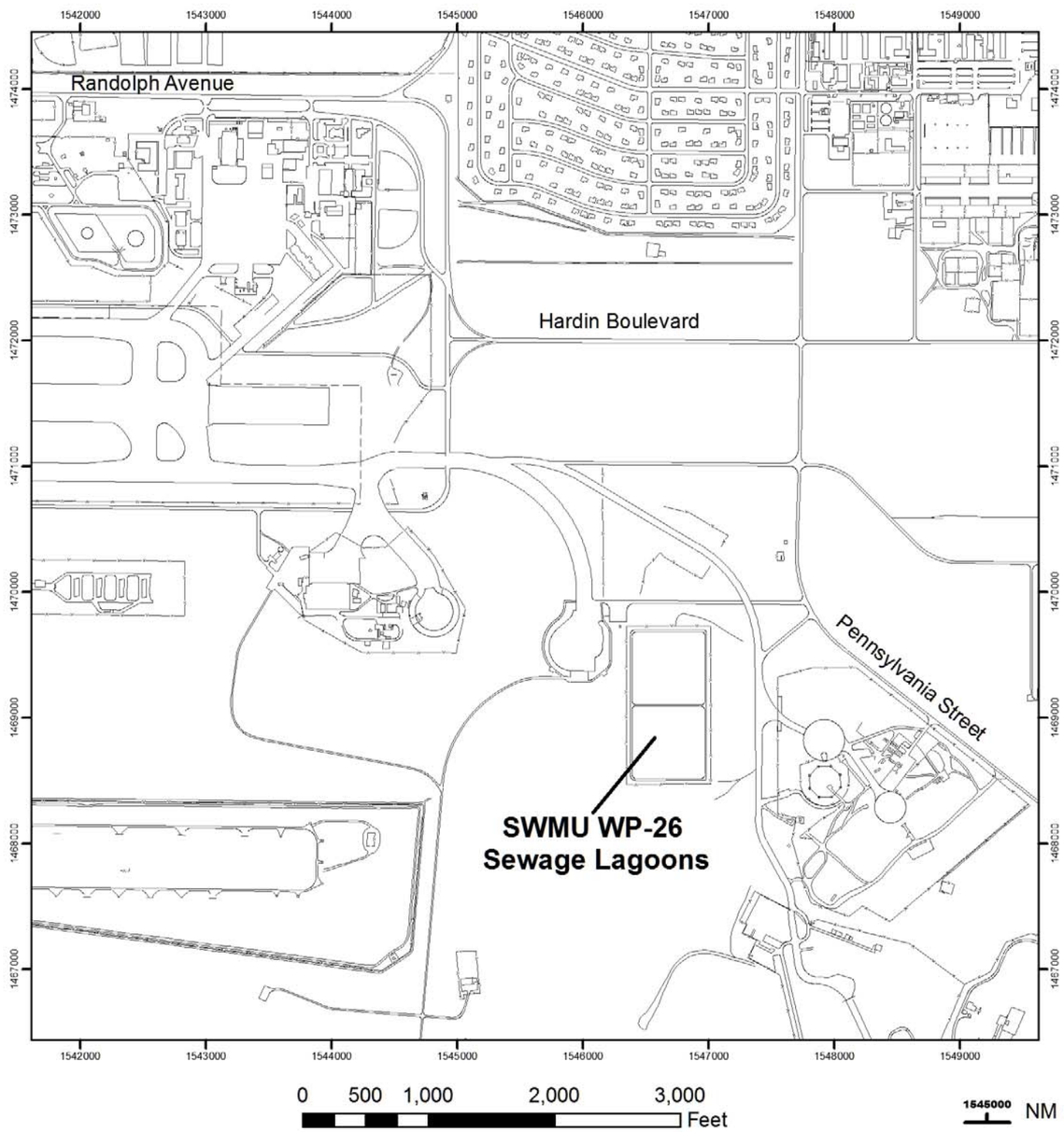
1.2 Report Organization

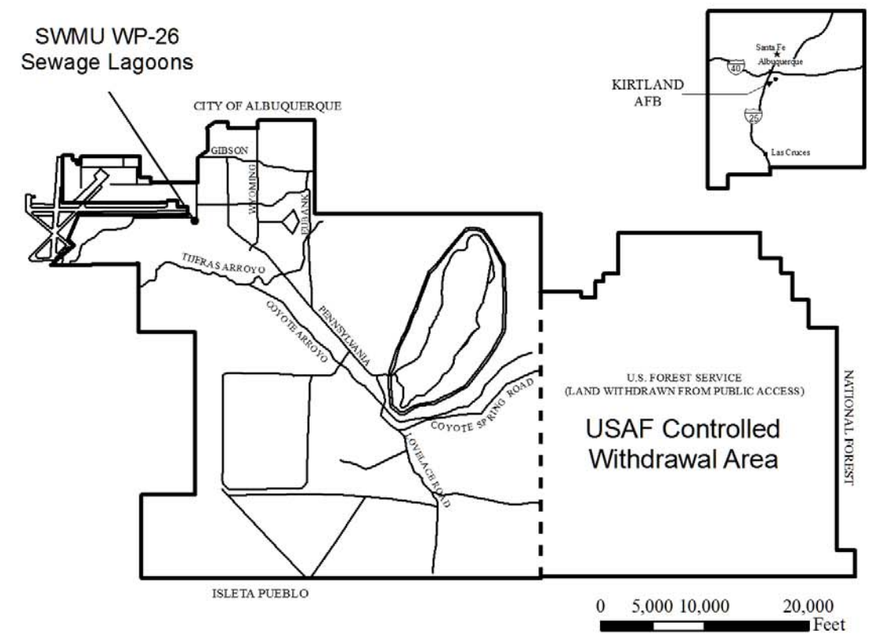
The body of this report includes a description of 2009 field activities and assessment of 2009 and historic soil vapor and groundwater data. The remainder of this document is divided into the following sections:

- Section 2 contains a site description, summary of historical site operations and investigations, description work performed during the 2009 RFI, soil vapor and perched groundwater data assessments, and a revised CSM;
- Section 3 contains an assessment of screening data for soil vapor and perched groundwater; and
- Section 4 contains a summary of the report findings and recommendations.

Additional information is presented in the appendices:

- Appendix A contains the NMED October 20, 2008, Notice of Deficiency letter and a response to comments matrix for the RFI work plan.
- Appendix B contains historical data tables for soil vapor, perched groundwater, regional groundwater, hydrographs, and aquifer testing;
- Appendix C contains a monitoring well installation work plan addendum;
- Appendix D contains 2009 RFI field documentation including vapor point and monitoring well construction information, investigation derived waste information, and field measurement data;
- Appendix E contains data quality evaluation report for the 2009 RFI; and
- Appendix F contains vapor migration calculation data.





N

1545000 NM Central State Plane Coordinates, NAD 83 (Feet)

2009 RFI Report for
SWMU WP-26, Sewage Lagoons

Figure 1-1

Site Location Map for
Solid Waste Management Unit
WP-26, Sewage Lagoons

Revision Date: 6 August 2009

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2.0 SOLID WASTE MANAGEMENT UNIT WP-26

The SWMU WP-26 is made up of two geographically distinct locations, the former sewage lagoons and the GCMP. These two areas are part of the same site because sewage effluent was processed at both locations. This 2009 RFI focuses on the presence of VOCs in soil vapor and perched groundwater near the former sewage lagoons. The RFI report is limited to discussions of soil vapor and groundwater data collected near the former sewage lagoons and does not address the GCMP as no additional data was collected from that location.

2.1 Site Description and Operational History

This section presents the site description, operational history, and waste characteristics of the former sewage lagoons.

2.1.1 Site Description

The former sewage lagoons are located 1.5 miles southeast of the main runway at the Albuquerque International Sunport and are situated between Aircraft Pad No. 5 and the Vertical Pulse Dipole facilities. The sewage lagoons were constructed in 1962 and comprised unlined north and south square cells separated by an earthen wall. Each lagoon covered approximately 7 acres with a total area of 14 acres for both sewage lagoons. A locked fenced enclosure limits access to the sewage lagoons. The lagoons were constructed on native soil and of local fill using onsite grading.

During the mid 1970s, the sides and slopes of the lagoons were reinforced with soil cement and capped with concrete to minimize erosion. Two pipes discharged raw sewage into the center of each lagoon from a splitter box located between, and on, the eastern boundary of the lagoons. Liquid levels in each lagoon were contained by an elevated soil berm surrounding the perimeter. The lagoons shared a common berm containing a pipe connecting the lagoons, which allowed liquids to pass freely between the north and south lagoons. The sewage lagoons acted as settling ponds for raw sewage and provided treatment by facultative microorganisms. Wastewater was transferred from the sewage lagoons to the GCMP by way of a gravity fed, 15-inch sewage effluent line, which is listed as SWMU ST-51 (USAF, 1993).

Regional groundwater is found at a depth of approximately 500 feet (ft) below ground surface (bgs) beneath the former sewage lagoons. Regional groundwater flow is north to northwest in this area. Several perched groundwater layers are present in the area beginning at approximately 200 ft bgs. Contaminants of potential concern (COPCs) for SWMU WP-26 soil vapor and groundwater have been identified from previous investigations. Groundwater COPCs are nitrogen species (including nitrate, nitrite, and ammonia) and VOCs. Soil vapor COPCs are limited to VOCs.

2.1.2 Operational History

The sewage lagoons were constructed in 1962 and modifications were made in 1970 and 1975, when the sides and slopes were reinforced with soil cement and capped with concrete to minimize berm erosion. The lagoons received 40 to 100 percent of Kirtland AFB's residential and light industrial raw sewage from April through October of each year from 1962 to 1987. From November through March, base sewage was routed to the City of Albuquerque sanitary sewer system. Gauging was not performed at the lagoons during operation, so the volume of raw sewage discharged in any given year can only be estimated.

The combined north and south lagoons cover an area of 14 acres and were generally filled to a depth of 6 ft during use, resulting in a storage capacity of approximately 84 acre-ft (27.4 million gallons). The sewage lagoons operated with a turnover rate of approximately 2 weeks, allowing approximately 330 million gallons of raw sewage to be discharged from April through October each year.

Effluent was transferred from the sewage lagoons to the GCMP through a gravity draining effluent line. The effluent from the lagoons was mixed with well water at the GCMP at a ratio of one part sewage effluent to three parts well water. The effluent supplied the inorganic nitrate ion as an important nutrient to the golf course grass when the GCMP contents were pumped into the irrigation system.

The sewage lagoons were closed in 1987, and the remaining liquid was allowed to evaporate, leaving a thin layer of dry sludge.

2.1.3 Current Land Use

The former sewage lagoons are no longer used for any purpose (USAF, 2000). The SWMU WP-26 sewage lagoons lie within the security radius of Aircraft Pad No. 5 operations and are surrounded by open space and industrial facilities. In the Kirtland AFB General Plan (USAF, 2002), SWMU WP-26 is in an area that is designated as airfield operations and maintenance (similar to a standard industrial land use).

2.1.4 Future Land Use

The proposed future land use for the former sewage lagoons is airfield operations and maintenance (USAF, 2007b). Therefore, it is not anticipated that the area will be used for residential purposes in the future. However, analytical data will be evaluated against residential standards for unrestricted land use per NMED requirements, which are premised on the fact that the State of New Mexico currently has no enforceable mechanism in place to restrict future land use and thus ensure that a nonresidential land use will be maintained in the future.

2.2 Investigation Activities

2.2.1 Summary

Numerous investigations and data assessments have been performed for SWMU WP-26 former sewage lagoons. Previous investigations have investigated dry sludge, surface soil, subsurface soil, soil vapor, perched groundwater, and regional groundwater.

Soil vapor and perched groundwater were investigated at the former sewage lagoons in 2004 and 2005. These investigations did not provide sufficient data to determine if remedial action for soil vapor and perched groundwater contamination beneath the former sewage lagoons was needed or if the site was appropriate for a no further action determination. Therefore, a RFI was performed from January through April of 2009 at SWMU WP-26 to determine the extent of VOC contamination in soil vapor and perched groundwater. The 2009 RFI consisted of installing soil vapor monitoring points at 18 locations at depths ranging from 10 ft bgs to 200 ft bgs. Soil vapor samples were collected from the soil vapor sampling points and analyzed for VOCs. Soil vapor samples were also collected from three dry groundwater monitoring wells and analyzed for VOCs. Three groundwater monitoring wells were drilled and installed into the perched groundwater zone at the site. Soil samples were collected during drilling activities and were analyzed for nitrogen species and VOCs. Groundwater samples were collected from the newly installed groundwater monitoring wells following well development and were analyzed for nitrogen species, VOCs, and perchlorate.

A summary of previous investigations of soil vapor and perched groundwater is presented below, followed by the preliminary CSM, which includes only historic data. A description of the field activities performed as part of this 2009 RFI along with results is preset in subsequent sections. Detailed descriptions of deviations from the work plan (USAF, 2008) are included.

2.2.2 Previous Investigations

The former sewage lagoons have been investigated in numerous studies. These investigations have focused on characterizing the dry sludge, surface soil, subsurface soil, soil vapor, perched groundwater, and regional groundwater. These previous investigation are discussed in detail in the *2006 Resource Conservation and Recovery Act Facility Investigation Comprehensive Report for Solid Waste Management Unit WP-26, Sewage Lagoons and Golf Course Main Pond* (USAF, 2007b). In addition, human health and ecological risk from dry sludge, surface soil, and subsurface soil were evaluated in the *Ecological and Human Health Risk Assessment for Solid Waste Management Unit WP-26, Sewage Lagoons* (USAF, 2008). The human health and ecological risk assessment recommended the excavation of dry sludge material with silver concentrations greater than 1,000 milligram per kilogram (mg/kg) in order to reduce potential ecological risk. This remedial approach for soil contamination at the former sewage lagoons (that is, excavation of dry sludge material) will be implemented at the site. Soil sampling results from previous investigation will not be discussed further in this RFI document.

Site data for soil vapor and groundwater from previous investigations are summarized and referenced below.

2.2.2.1 Supplemental Investigation for Post-Closure Activities at the Sewage Lagoons

In 1998 and 1999, a supplemental investigation for post-closure activities was conducted at the former sewage lagoons (USAF, 2000). As part of this investigation, perched groundwater monitoring well KAFB-0506 was installed. This groundwater monitoring well was not sampled during this investigation but was incorporated into the long-term monitoring (LTM) program for groundwater.

Soil samples were collected from the KAFB-0506 borehole during drilling and were analyzed for VOCs, semi-volatile organic compounds (SVOCs), polynuclear aromatic hydrocarbons (PAHs), total organic carbon, nitrogen species, metals, radium, gross alpha, and gross beta. Soil sampling results indicate that VOCs, SVOCs, and PAHs were rarely detected. Nitrogen species were detected throughout the vadose zone but at concentrations less than the NMED residential soil screening levels (SSLs). Metals, radium, gross alpha, and gross beta were detected at concentrations typical of background values seen at Kirtland AFB.

2.2.2.2 Soil Vapor and Groundwater Sampling

A groundwater monitoring well and four soil vapor monitoring points were installed within the former sewage lagoons as part of a 2002-2003 field investigation (CH2M HILL, 2003a). Monitoring well KAFB-2601 was installed as a perched groundwater monitoring well but was dry and instead can be used as a soil vapor monitoring point. Soil vapor monitoring points KAFB-2602A, B, C, and D were installed at four depth intervals between 180 and 250 ft bgs (Figure 2-1). The shallowest soil vapor monitoring point (KAFB-2602A) contains measurable amounts of perched groundwater. Soil vapor samples were collected from the vapor wells in November 2002 and February 2003 and analyzed for VOCs, total petroleum hydrocarbons (TPH), and fixed gasses. Groundwater was collected from monitoring point WP-2602A in February 2003 and analyzed for VOCs.

Halogenated VOCs (tetrachloroethene [PCE], trichloroethene [TCE], cis-1,2-dichloroethene [DCE], 1,1-DCE, vinyl chloride, 1,1-dichloroethane [DCA], dichlorodifluoromethane [Freon-12], and methylene chloride) and compounds associated with petroleum hydrocarbons (styrene, 1,2,4-trimethylbenzene, 1,3,5-trimethlybenzene, benzene, ethylbenzene, toluene, and xylenes) were detected in the soil vapor samples. TCE concentrations in soil vapor ranged from not detected to 90.8 parts per billion by volume (ppbv). 1,1-DCA was detected at concentrations ranging from not detected to 35.1 ppbv (CH2M HILL, 2003a).

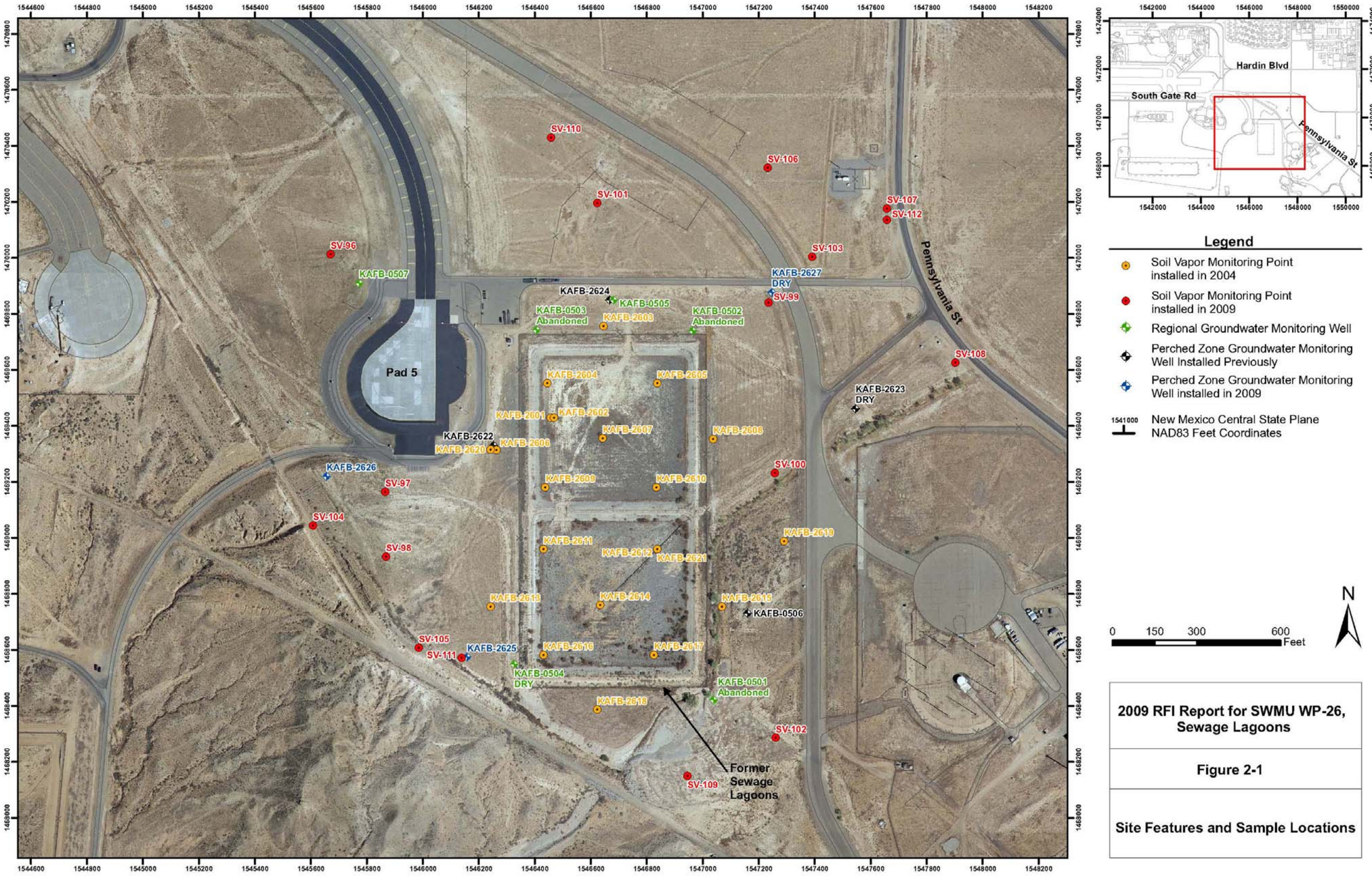
Chlorinated VOCs (PCE, TCE, 1,1-DCE, 1,1-DCA, and 1,2-DCA) and petroleum related compounds (acetone and toluene) were detected in the groundwater collected from KAFB-2602A. TCE was measured above the U.S Environmental Protection Agency (EPA) maximum contaminant level (MCL) of 5 micrograms per liter (μg/L) at a concentration of 9.12 μg/L. All other VOCs were detected at low concentrations, well below their respective MCLs (CH2M HILL, 2003b). A summary of VOCs previously detected in soil vapor is presented in Table 2-1. A summary of previously detected VOCs in perched groundwater is presented in Table 2-2. Additional data tables for the soil vapor and groundwater sampling are included in Appendix B.

2.2.2.3 2006 Soil Vapor and Perched Groundwater Investigation

A comprehensive RFI at SWMU WP-26 was implemented in 2004 through 2006. The objective of this investigation was to understand the nature and extent of contamination in the different environmental media at the site. The investigation evaluated contaminant levels in soil vapor, perched groundwater, soil, and dry sludge. The results of the investigation are documented in the *2006 Resource Conservation and Recovery Act Facility Investigation Comprehensive Report for Solid Waste Management Unit WP-26 Sewage Lagoons and Golf Course Main Pond* (USAF, 2007a). Results of the soil vapor and perched groundwater investigation are summarized in this section and in Appendix B.

A soil vapor survey was performed in and around the former sewage lagoons during 2004. Seventeen boreholes were installed using direct-push technology (DPT). The DPT boreholes were advanced to the depth of refusal, approximately 115 to 125 ft bgs. Five soil vapor sampling points were installed in each borehole at 25-ft intervals (25, 50, 75, 100 ft bgs and at the bottom of the borehole). Soil vapor samples were collected from the soil vapor sampling points and analyzed for VOCs. The locations of the soil vapor monitoring points are shown on Figure 2-1.

Twenty-eight VOCs were positively identified at concentrations above the reporting limit from soil vapor analytical results, including the primary constituent of concern, TCE. The contaminant TCE was detected in many of the soil vapor samples and at most sampling depths. TCE concentrations ranged from non-detect to 110 ppbv and generally increased with depth. The horizontal extent of TCE contamination was not evident from the 2004 data, as highest TCE concentrations were detected at the edges of the former sewage lagoons. The 1,1-DCA concentrations ranged from non-detect to 580 ppbv. Similar to TCE, the general trend in 1,1-DCA concentrations was increasing with depth. However, the horizontal extent of 1,1-DCA was well constrained with highest concentrations centered beneath the former sewage lagoon boundaries. Acetone was the most commonly detected compound, with a maximum detected concentration of 470 ppbv. The horizontal extent and detection pattern is not clearly discernable from the 2004 data. Analytical results for the 2004 soil vapor sampling are summarized in Table 2-1 and included in Appendix B.



2009 RFI Report for SWMU WP-26, Sewage Lagoons

Figure 2-1

Site Features and Sample Locations

Table 2-1. Summary of 2002 through 2004 Soil Vapor Analytical Data, Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 1 of 3)

Sample Location	Depth (ft bgs)	Sample Date	1,2,4-Trichlorobenzene (1,2,4-TCB)	1,3-Dichlorobenzene (1,3-DCB)	1,4-Dichlorobenzene (1,4-DCB)	1,2-Dichloropropane (1,2-DCP)	Tetrachlorethene (PCE)	Trichloroethene (TCE)	1,1,1-Trichloroethane (1,1,1-TCA)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	cis-1,2-Dichloroethene (cis-1,2-DCE)	Vinyl chloride (VC)	Methylene chloride	Chloroform	1,1,2-Trichloro-1,2,2-trifluoroethane	Trichlorofluoromethane	Dichlorodifluoromethane (Freon-12)	Benzene	Ethylbenzene	Toluene	m,p-Xylenes	o-Xylenes	tert-Butyl methyl ether (MtBE)	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Methyl ethyl ketone [MEK] (2-Butanone)	Methyl isobutyl ketone (4-Methyl-2-pentanone)	2-Hexanone	Acetone	Carbon disulfide	Styrene
			Chlorinated VOC (ppbv)													CFCs (ppbv)			Non-Halogenated and Petroleum VOCs (ppbv)														
KAFB-2601	192.5	Nov-02	<1	<1	<1	<1	1.39	27.6	<1	35.1	1.69	3.09	0.57J	3.79	<1	<1	<1	0.52J	0.7J	<1	1.28	<2	<2	- -	<1	<1	- -	- -	- -	- -	- -	- -	<1
	192.5	2/19/2003	<3.85	<3.85	<3.85	<3.85	<3.85	19.5	<3.85	19.9	<3.85	<3.85	<3.85	28.1	<3.85	<3.85	<3.85	<3.85	47	<3.85	713	<3.85	<3.85	- -	<3.85	<3.85	- -	- -	- -	- -	- -	- -	<3.85
KAFB-2602	180	Nov-02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4.12	<1	<1	<1	<1	0.55J	<1	6.84	<2	<2	- -	<1	<1	- -	- -	- -	- -	- -	- -	<1
	180	2/19/2003	<0.5	<0.5	<0.5	<0.5	<0.5	0.5J	<0.5	<0.5	<0.5	<0.5	<0.5	17.3	<0.5	<0.5	<0.5	<0.5	3.17	0.81J	28.4	2.34	0.86J	- -	0.51J	<0.5	- -	- -	- -	- -	- -	- -	0.62J
	210	Nov-02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.01	<1	<1	<1	<1	<1	<1	16.8	1.19J	<1	- -	<1	<1	- -	- -	- -	- -	- -	- -	<1
	210	2/19/2003	<0.62	<0.62	<0.62	<0.62	<0.62	0.89J	<0.62	<0.62	<0.62	<0.62	<0.62	17.4	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	55.5	1.49J	<0.62	- -	<0.62	<0.62	- -	- -	- -	- -	- -	- -	<0.62
	225	Nov-02	<1	<1	<1	<1	<1	8.1	<1	2.21	<1	0.92J	<1	3.75	<1	<1	<1	<1	<1	0.55J	6.06	1.62J	<1	- -	<1	<1	- -	- -	- -	- -	- -	- -	<1
	225	2/19/2003	<5	<5	<5	<5	<5	90.8	<5	24.9	<5	11.2	<5	14.5	<5	<5	<5	<5	16	6.9J	740	75.8	47	- -	31.9	21	- -	- -	- -	- -	- -	- -	<5
KAFB-2603	25	10/4/2004	1.5 F	0.54 F	<2.5	<2.5	<2.5	2.5	<2.5	1.3 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.58F	0.78F	<2.5	1.9 F	0.79F	<2.5	9.3	1 F	0.52F	1.6 F	<13	<13	58	0.54F	<2.5
	50	10/4/2004	<2.9	<2.9	<2.9	<2.9	<2.9	11	<2.9	5.6	1.4 F	<2.9	<2.9	<2.9	<2.9	0.89F	<2.9	<2.9	<2.9	<2.9	1.9 F	0.77F	<2.9	16	0.71 F	<2.9	1.3 F	<14	<14	100	0.63F	<2.9
	75	10/4/2004	<3	1.4 F	<3	<3	<3	25	<3	12	2.9 F	<3	<3	<3	0.87 F	1.3 F	<3	0.6 F	1.1 F	<3	1.5 F	0.59F	<3	15	0.71 F	<3	3.2 F	<15	<15	130	<3	<3
	100	10/4/2004	<2.5	1.1 F	<2.5	<2.5	<2.5	12	<2.5	14	3.7	0.83 F	<2.5	<2.5	<2.5	1.5 F	0.58 F	<2.5	1.1 F	<2.5	1.4 F	<2.5	<2.5	2.7	<2.5	<2.5	2.4 F	<13	<13	100	<2.5	<2.5
	125	10/4/2004	<2.7	1.4 F	<2.7	<2.7	<2.7	2.7	<2.7	1.2 F	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	0.59 F	1.1 F	<2.7	0.9 F	<2.7	<2.7	4	<2.7	<2.7	3.2 F	<14	<14	66	<2.7	<2.7
KAFB-2604	25	10/7/2004	<2.8	0.66 F	<2.8	<2.8	<2.8	1.1 F	<2.8	4.1	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	16	0.93F	<2.8	9.2	0.63 F	<2.8	1.2 F	<14	<14	71	1.4FB	<2.8
	50	10/7/2004	<2.6	<2.6	<2.6	<2.6	<2.6	7.2	<2.6	35	<2.6	<2.6	<2.6	<2.6	<2.6	0.75 F	<2.6	0.53 F	<2.6	<2.6	14	<2.6	<2.6	16	0.74 F	<2.6	1.5 F	<13	<13	120	3.1 B	<2.6
	75	10/7/2004	<2.1	<2.1	<2.1	<2.1	<2.1	2.8	<2.1	16	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	8.1	0.55F	<2.1	8.8	<2.1	<2.1	<11	<11	<11	51	1.2 F	<2.1
	100	10/7/2004	<3	<3	<3	<3	<3	13	<3	100	2 F	1.2 F	<3	<3	<3	1.8 F	<3	<3	<3	<3	13	<3	<3	31	<3	<3	2.5 F	<15	<15	260	6.7	<3
	125	10/7/2004	<2.1	<2.1	<2.1	<2.1	<2.1	0.75 F	<2.1	3.7	<2.1	<2.1	<2.1	<2.1	<2.1	0.52F	<2.1	<2.1	0.54F	<2.1	3.5	<2.1	<2.1	9.2	<2.1	<2.1	6.8 F	<11	<11	200	2.4	<2.1
KAFB-2605	25	10/7/2004	<2.4	<2.4	<2.4	<2.4	<2.4	0.93 F	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	0.57 F	0.8 F	<2.4	11	1 F	<2.4	8	<2.4	<2.4	2.1 F	<12	<12	21	15	<2.4
	25 (FD)	10/7/2004	<2.3	<2.3	<2.3	<2.3	<2.3	1.1 F	<2.3	38	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	0.75F	<2.3	9.7	0.97F	<2.3	<2.3	<2.3	<2.3	2.3 F	<12	<12	26	18	<2.3
	50	10/7/2004	<2.9	<2.9	<2.9	<2.9	<2.9	1.1 F	<2.9	<2.9	1.6 F	<2.9	<2.9	<2.9	<2.9	0.74F	<2.9	<2.9	1.9 F	<2.9	17	0.74F	<2.9	28	<2.9	<2.9	1.9 F	<14	<14	120	41	<2.9
	75	10/7/2004	<2.2	<2.2	<2.2	<2.2	<2.2	1.8 F	0.59 F	140	2.9	1.1 F	<2.2	<2.2	<2.2	1.2 F	<2.2	0.69F	1.7 F	<2.2	12	0.81F	<2.2	17	<2.2	<2.2	<11	<11	<11	59	34	<2.2
	100	10/7/2004	<2.1	<2.1	<2.1	<2.1	<2.1	2.5	0.75 F	<2.1	4	1.8 F	<2.1	0.98 F	<2.1	2.2	0.51F	0.53F	<2.1	<2.1	11	0.9 F	<2.1	17	0.45F	<2.1	2.5 F	<11	<11	70	26 B	<2.1
	115	10/7/2004	<3	<3	<3	<3	<3	2.3 F	0.69 F	210	5.7	2.5 F	<3	2.1 F	<3	3.4	0.65F	<3	1.7 F	<3	17	0.89F	<3	21	<3	<3	3.9 F	<15	<15	240	26 B	<3
KAFB-2606	25	10/5/2004	<2.8	<2.8	<2.8	<2.8	<2.8	21	<2.8	1.8 F	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	0.64F	<2.8	<2.8	1.7 F	<2.8	<2.8	0.84F	<2.8	<2.8	<14	<14	<14	13 F	<2.8	<2.8
	50	10/5/2004	<2.7	<2.7	<2.7	<2.7	0.71 F	50	<2.7	5.1	1 F	1.1 F	<2.7	<2.7	<2.7	0.71F	<2.7	0.72F	<2.7	<2.7	1.5 F	<2.7	<2.7	11	<2.7	<2.7	<14	<14UJ	<14UJ	27	<2.7	<2.7
	50 (FD)	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	32	<2.7	4	0.82F	<2.7	<2.7	<2.7	<2.7	0.63F	<2.7	0.73F	<2.7	<2.7	22	0.55F	<2.7	8.7	<2.7	<2.7	<14	<14UJ	<14UJ	29	<2.7	<2.7
	75	10/5/2004	<2.9	<2.9	<2.9	<2.9	<2.9	57	<2.9	<2.9	2 F	1.6 F	<2.9	<2.9	0.59F	0.97F	<2.9	0.86F	<2.9	<2.9	2.2 F	<2.9	<2.9	29	<2.9	<2.9	0.63F	<14	<14	82	<2.9	<2.9
	100	10/5/2004	<2.9	<2.9	<2.9	<2.9	1.4 F	110	<2.9	10	3.5	3.4	<2.9	<2.9	0.93F	1.2 F	<2.9	0.83F	<2.9	<2.9	<2.9	<2.9	<2.9	1.2 F	<2.9	<2.9	<15	<15	<15	57	<2.9	<2.9
	125	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	110	<2.7	12	5.6	6.8	<2.7	<2.7	1.3 F	1.3 F	<2.7	0.94F	<2.7	<2.7	1.7 F	<2.7	<2.7	9.3	<2.7	<2.7	<14	<14	<14	120	<2.7	<2.7
KAFB-2607	25	10/7/2004	<3	1.1 F	<3	<3	<3	<3	<3	36	<3	<3	<3	<3	<3	<3	<3	<3	<3	0.64F	12	1.8 F	<3	<3	0.78F	<3	3 F	<15	<15	63	1.5 F	<3
	50	10/11/2004	<2.8	<2.8	<2.8	<2.8	<2.8	0.87 F	<2.8	170	<2.8	<2.8	<2.8	2.6 F	<2.8	0.66F	<2.8	<2.8	<2.8	<2.8	3.1	1.4 F	<2.8	<2.8	0.63F	<2.8	1.3 F	<14	<14	23	2.1FB	<2.8
	75	10/11/2004	<2.2	<2.2	<2.2	0.46 F	<2.2	1.3 F	<2.2	260	0.68F	0.8 F	<2.2	11	<2.2	1.1 F	<2.2	0.82F	0.68F	0.49F	4.8	1.4 F	0.51F	<2.2	0.74F	<2.2	2.7 F	<11	4.6 F	34	4.3 B	<2.2
	100	10/11/2004	<2.7	<2.7	<2.7	<2.7	<2.7	1.7 F	<2.7	440	1.4 F	2.1 F	<2.7	9.3	<2.7	2.5 F	<2.7	0.68F	1.4 F	<2.7	5.9	1.5 F	<2.7	<2.7	0.58F	<2.7	2.9 F	<14	<14	170	9.2 B	<2.7
	125	10/11/2004	<3	<3	<3	<3	<3	3.5	<3	580	2.3 F	4.1	<3	11	<3	4.2	<3	0.72F	1.8 F	0.66F	7.7	1.9 F	0.62F	<3	0.76F	<3	3.9 F	<15	<15	140	11 B	<3
	125 (FD)	10/11/2004	<3.2	<3.2	<3.2	<3.2	<3.2	1.3 F	<3.2	440	1.9 F	2.6 F	<3.2	9.3	<3.2	3.7	<3.2	<3.2	1.8 F	0.94F	170	2.8 F	0.8 F	<3.2	0.87F	<3.2	4.8 F	<16	<16	190	8.9 B	<3.2
KAFB-2608	25	10/6/2004	<2.8	<2.8	<2.8	<2.8	<2.8	4.3	<2.8	4.1	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	0.58F	<2.8	<2.8	6.4	<2.8	<2.8	<2.8	<2.8	<2.8	<14	<14 UJ	<14 UJ	37	<2.8	<2.8
	50	10/6/2004	<2.4	<2.4	<2.4	<2.4	<2.4	9.3	<2.4	11	<2.4	<2.4	<2.4	<2.4	<2.4	0.71F	<2.4	0.67F	<2.4	<2.4	8.9	0.51F	<2.4	15	<2.4	<2.4	0.85F	<12 UJ	<12 UJ	60	<2.4	<2.4
	75	10/6/2004	<2.6	<2.6	<2.6	<2.6	<2.6	26	0.84 F	29	2.4 F	2.5 F	<2.6	<2.6	0.7 F	1.6 F	<2.6	0.88F	<2.6	<2.6	9.2	<2.6	<2.6	12	<2.6	<2.6	0.76F	<13 UJ	<13 UJ	51	<2.6	<2.6
	75 (FD)	10/6/2004	<3.2	<3.2	<3.2	<3.2	<3.2	13	0.71 F	25	2.2 F	1.9 F	<3.2	<3.2	<3.2	1.4 F	<3.2	0.83F	<3.2	<3.2	31	<3.2	<3.2	10	<3.2	<3.2	1.2 F	<16 UJ	<16 UJ	62	<3.2	<3.2
	100	10/6/2004	<2.2	<2.2	<2.2	<2.2	0.64 F	23	0.72 F	23	3.1	2.9	<2.2	2.4	0.71 F	1.6 F	0.53F	<2.2	0.64F	<2.2	11	1.1 F	<2.2	25	0.7 F	<2.2	1.7 F	<11 UJ	<11 UJ	88	0.55F	<2.2
	125	10/6/2004	<3	<3	<3	<3	<3	37	0.87 F	32	6.6	6.6	<3	<3	1.2 F	2.6 F	0.62F	1 F	0.68F	<3	16	0.69F	<3	23	<3	<3	<15	<15 UJ	<15 UJ	110	0.61F	<3

Table 2-1. Summary of 2002 through 2004 Soil Vapor Analytical Data, Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 2 of 3)

Sample Location	Depth (ft bgs)	Sample Date	1,2,4-Trichlorobenzene (1,2,4-TCB)	1,3-Dichlorobenzene (1,3-DCB)	1,4-Dichlorobenzene (1,4-DCB)	1,2-Dichloropropane (1,2-DCP)	Tetrachlorethene (PCE)	Trichloroethene (TCE)	1,1,1-Trichloroethane (1,1,1-TCA)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	cis-1,2-Dichloroethene (cis-1,2-DCE)	Vinyl chloride (VC)	Methylene chloride	Chloroform	1,1,2-Trichloro-1,2,2-trifluoroethane	Trichlorofluoromethane	Dichlorodifluoromethane (Freon-12)	Benzene	Ethylbenzene	Toluene	m,p-Xylenes	o-Xylenes	tert-Butyl methyl ether (MtBE)	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Methyl ethyl ketone [MEK] (2-Butanone)	Methyl isobutyl ketone (4-Methyl-2-pentanone)	2-Hexanone	Acetone	Carbon disulfide	Styrene
			Chlorinated VOC (ppbv)													CFCs (ppbv)			Non-Halogenated and Petroleum VOCs (ppbv)														
KAFB-2609	25	10/11/2004	<2.5	<2.5	<2.5	<2.5	<2.5	1 F	<2.5	7.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	38	1.2 F	<2.5	<2.5	0.59F	<2.5	2.6 F	<13	<13	35	16	<2.5
	50	10/11/2004	1.3 F	<2.6	<2.6	<2.6	<2.6	5.3	<2.6	42	<2.6	<2.6	<2.6	<2.6	<2.6	0.99F	<2.6	0.59 F	<2.6	<2.6	28	1.5 F	0.55F	<2.6	2.1 F	11	5.8 F	29	34	45	22 B	1.6 F
	75	10/11/2004	<2.4	<2.4	<2.4	<2.4	<2.4	8.1	<2.4	74	<2.4	<2.4	<2.4	<2.4	<2.4	1.7 F	<2.4	0.6 F	2.2 F	<2.4	44	1.6 F	0.54F	<2.4	0.81F	6.8	4.4 F	14	20	64	45 B	<2.4
	100	10/11/2004	<2.5	<2.5	<2.5	<2.5	<2.5	13	<2.5	150	1.9 F	1.3 F	<2.5	<2.5	<2.5	3.5	<2.5	0.95F	2.4 F	0.62F	30	1.5 F	<2.5	<2.5	0.77F	0.58F	4.8 F	<12	<12	84	50 B	<2.5
	121	10/11/2004	<2.2	<2.2	<2.2	<2.2	<2.2	11	<2.2	190	2.7	1.8 F	<2.2	4.5	<2.2	3.8	<2.2	1.2 F	2.1 F	0.45F	27	1.2 F	<2.2	<2.2	0.62F	0.48F	4.8 F	<11	<11	100	<0.5UB	<2.2
KAFB-2610	75	10/14/2004	<2	<2	<2	<2	0.42 F	4.5	0.86 F	160	2.1	2.2	<2	4.1	<2	1.2 F	<2	<2	0.48F	<2	0.98F	<2	<2	<2	<2	<2	<10	<10	<10	20	0.9 F	<2
	100	10/14/2004	<2.2	<2.2	<2.2	<2.2	0.5 F	3.7	0.64 F	110	1.4 F	1.4 F	<2.2	9.4	<2.2	0.85 F	0.68 F	0.47F	0.65F	0.86F	14	1.3 F	0.51F	<2.2	0.58F	<2.2	<11	<11	<11	19	0.63 F	0.55F
	115	10/11/2004	<2.6	<2.6	<2.6	<2.6	0.74 F	9.3	1.5 F	290	6.6	6.7	<2.6	8	<2.6	3	0.54 F	0.74F	0.82F	<2.6	4.5	<2.6	<2.6	0.84F	<2.6	<2.6	<13	<13	<13	25	1.2 F	<2.6
KAFB-2611	25	10/11/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	3.1	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	1.9 F	<2.6	17	<2.6	<2.6	10	<2.6	<2.6	1.8 F	<13	<13	32	38	<2.6
	50	10/11/2004	<2.7	<2.7	<2.7	<2.7	<2.7	1.4 F	<2.7	25	<2.7	<2.7	<2.7	<2.7	<2.7	0.75 F	<2.7	0.64F	2.6 F	<2.7	15	<2.7	<2.7	12	<2.7	<2.7	1.6 F	<14	<14	54	69	<2.7
	75	10/11/2004	<2.3	<2.3	<2.3	<2.3	<2.3	7.7	<2.3	79	1.2 F	<2.3	<2.3	1.9 F	<2.3	1.5 F	<2.3	0.63F	0.95 F	<2.3	13	<2.3	<2.3	15	<2.3	<2.3	3.8 F	<11	<11	68	28	<2.3
	100	10/11/2004	<2.5	<2.5	<2.5	<2.5	<2.5	12	0.64 F	180	2.9	1.2 F	<2.5	14	<2.5	2.5	<2.5	0.54F	1.3 F	<2.5	25	<2.5	<2.5	20	<2.5	<2.5	2.5 F	<13	<13	94	40	<2.5
	115	10/11/2004	<2.8	<2.8	<2.8	<2.8	<2.8	12	0.65 F	210	3.6	1.4 F	<2.8	18	<2.8	2.8	<2.8	<2.8	1.9 F	<2.8	35	1.2 F	<2.8	**21**	<2.8	<2.8	<14	<14	<14	140	49	<2.8
KAFB-2612	25	10/12/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	6.5	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	3.7	<2.7	<2.7	11	0.81F	<2.7	2.1 F	<13	<13	390 J	4.8	<2.7
	50	10/12/2004	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	18	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	2 F	<3.1	8.3	<3.1	0.77F	17	1.2 F	<3.1	4.9 F	<15	<15	470 J	51	<3.1
	75	10/12/2004	<2.6	<2.6	<2.6	<2.6	<2.6	1.5 FJ	<2.6	85 J	1.1 FJ	<2.6	<2.6	<2.6	<2.6	1 FJ	<2.6	0.76FJ	1.3FJ	<2.6	8.7 J	<2.6	0.84FJ	20 J	1.6FJ	1.2FJ	5.2FJ	<13	<13	410 J	24 J	<2.6
	100	10/12/2004	<2.4	<2.4	<2.4	<2.4	<2.4	3.8	0.9 F	220	3	<2.4	<2.4	<2.4	<2.4	1.9 F	<2.4	0.55F	1.1 F	<2.4	9.1	2.6	1.1 F	22	2 F	<2.4	4.4 F	<12	<12	340	19	<2.4
	120	10/13/2004	<2.6	<2.6	<2.6	<2.6	<2.6	8.3	1.4 F	380	5.9	<2.6	<2.6	<2.6	<2.6	2.8	<2.6	0.66F	1.2 F	<2.6	7	1 F	<2.6	14	<2.6	<2.6	3.4 F	<13	<13	200	19	<2.6
	120 (FD)	10/13/2004	<2.5	<2.5	<2.5	<2.5	<2.5	8.4	1.4 F	400	5.7	<2.5	<2.5	<2.5	<2.5	2.8	<2.5	0.6 F	1.2 F	<2.5	7.1	<2.5	<2.5	14	<2.5	<2.5	4.2 F	<13	<13	210	18	<2.5
KAFB-2613	25	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	8.6	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	0.6 F	<2.7	<2.7	1.6 F	<2.7	<2.7	12	<2.7	<2.7	<14	<14	<14	60	<2.7	<2.7
	50	10/5/2004	<2.8	<2.8	<2.8	<2.8	<2.8	36	<2.8	<2.8	1.7 F	<2.8	<2.8	<2.8	1.6 F	0.7 F	<2.8	0.71F	<2.8	<2.8	4	<2.8	<2.8	13	<2.8	<2.8	<14	<14	<14	61	3.7	<2.8
	75	10/5/2004	<2.5	<2.5	<2.5	<2.5	0.77 F	49	<2.5	0.8 F	2.6	<2.5	<2.5	<2.5	2 F	0.84 F	<2.5	<2.5	<2.5	<2.5	3.9	<2.5	<2.5	14	<2.5	<2.5	<13	<13	<13	59	1.2 F	<2.5
	100	10/5/2004	<2.7	<2.7	<2.7	<2.7	0.75 F	59	<2.7	<2.7	4.7	<2.7	<2.7	<2.7	2.8	1.2 F	0.6 F	0.67F	<2.7	<2.7	4.2	<2.7	<2.7	27	<2.7	<2.7	0.64F	<14	<14	69	1.7 F	<2.7
	125	10/5/2004	<2.6	<2.6	<2.6	<2.6	1 F	87	<2.6	4	6.6	0.82 F	<2.6	<2.6	4.1	1.4 F	0.66F	0.66F	0.71F	<2.6	7.8	<2.6	<2.6	24	<2.6	<2.6	1.4 F	<13	<13	82	2 F	<2.6
KAFB-2614	25	10/12/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	15	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	15	1.4 F	<2.5	1.4 F	0.75F	<2.5	1.1 F	<12	<12	89 J	2.1 F	<2.5
	50	10/12/2004	<2.5	<2.5	<2.5	<2.5	<2.5	0.69 F	<2.5	49	<2.5	<2.5	<2.5	<2.5	<2.5	0.5 F	<2.5	<2.5	<2.5	<2.5	15	<1 UB	<2.5	3.4	<2.5	<2.5	<12	<12	<12	100	4.8	<2.5
	75	10/12/2004	<2.6	<2.6	<2.6	<2.6	<2.6	0.89 F	<2.6	83	<2.6	<2.6	<2.6	0.52 F	<2.6	0.76 F	0.54 F	<2.6	<2.6	<2.6	11	<0.9UB	<2.6	1.7 F	<2.6	<2.6	0.93F	<13	<13	83	3.4	<2.6
	100	10/12/2004	<2.4	<2.4	<2.4	<2.4	<2.4	1.4 F	<2.4	190	1.1 F	<2.4	<2.4	2 F	<2.4	1.4 F	0.67 F	0.74F	0.52F	<2.4	15	<0.8UB	<2.4	1.6 F	0.5 F	<2.4	0.77F	<12	<12	84	2.3 F	<2.4
	115	10/12/2004	<2.4	<2.4	<2.4	<2.4	<2.4	1 F	<2.4	220	1.3 F	1.1 F	<2.4	8.8	<2.4	1.2 F	0.66 F	<2.4	0.61F	<2.4	10	<1 UB	<2.4	2.4	0.68F	<2.4	1.1 F	<12	<12	85	2.5	<2.4
KAFB-2615	25	10/6/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.4	0.7 F	<2.5	6	0.52F	<2.5	1.5 F	<13UJ	<13UJ	47	4.7	<2.5
	50	10/6/2004	<2.7	<2.7	<2.7	<2.7	<2.7	1.4 F	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	0.76F	<2.7	<2.7	1 F	<2.7	<2.7	7.7	0.86 F	<2.7	16	0.57F	<2.7	1.8 F	<14UJ	<14UJ	74	11	<2.7
	75	10/6/2004	<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	0.8 F	0.6 F	<2.1	3.1	0.44 F	<2.1	8.9	<2.1	<2.1	<11	<11UJ	<11UJ	33	11	<2.1
	100	10/6/2004	<3	<3	<3	<3	<3	1 F	<3	<3	<3	<3	<3	<3	<3	0.76F	<3	4.4	<3	<3	8.4	<3	<3	33	<3	<3	1.5 F	<15UJ	<15UJ	100	25	<3
	125	10/6/2004	<2.6	<2.6	<2.6	<2.6	<2.6	2.7	<2.6	0.55F	<2.6	<2.6	<2.6	<2.6	<2.6	0.82F	<2.6	5.2	1 F	<2.6	9.8	0.8 F	<2.6	18	0.55F	<2.6	3.4 F	<13UJ	<13UJ	180	27	<2.6
KAFB-2616	25	10/13/2004	<2.3	<2.3	<2.3	<2.3	<2.3	0.58F	<2.3	0.86F	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	2 F	<2.3	<2.3	<2.3	3.4	1.2 F	0.47F	3.7	0.61F	<2.3	2.2 F	<12	<12	58	1.2 F	<2.3
	50	10/13/2004	<2.3	<2.3	<2.3	<2.3	<2.3	3.8	<2.3	4.7	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	4.5	0.7 F	<2.3	<2.3	4.2	1.3FB	<2.3	3.9	0.57F	<2.3	1.6 F	<11	<11	77	2.9	<2.3
	50 (FD)	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	4.1	<2.4	4.6	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	4.3	0.65 F	<2.4	<2.4	4.7	1.4FB	<2.4	3.6	0.62F	<2.4	2.5 F	<12	<12	88	2.8	<2.4
	75	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	6.2	<2.4	12	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	6.1	0.79 F	<2.4	<2.4	5	1.9FB	0.75F	19	1.2 F	<2.4	2.7 F	<12	<12	100	8	<2.4
	100	10/13/2004	<2.2	<2.2	<2.2	<2.2	<2.2	14	<2.2	43	0.9 F	<2.2	<2.2	<2.2	1.4 F	0.94F	8.5	0.55 F	0.7 F	2.3	21	4	1.6 F	<2.2	1.3 F	<2.2	4.5 F	<11	<11	24	13	0.88F
	120	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	19	<2.4	62	1.5 F	<2.4	<2.4	<2.4	<2.4	<2.4	8.9	0.51 F	<2.4	<2.4	5.2	2.1 F	0.87 F	29	1.2 F	<2.4	4.8 F	<12	<12	320J	16	<2.4
KAFB-2617	25	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	1.5 F	<2.4	0.86F	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	2.5	<2.4	<2.4	<2.4	2.3 F	1.3 F	0.53 F	11	0.91F	<2.4	1.7 F	<12	<12	47 J	1.8 F	<2.4
	50	10/13/2004	<2.2	<2.2	<2.2	<2.2	<2.2	4.2	<2.2	6.1	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	4.7	0.73F	<2.2	<2.2	4.3	<2.2	<2.2	14	0.7 F	<2.2	2.1 F	<11	<11	61	7.5	<2.2
	75	10/13/2004	<2.6	<2.6	<2.6	<2.6	<2.6	4.9	<2.6	10	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	5.9	<2.6	<2.6	<2.6	4.2	<2.6	<2.6	17	0.71F	<2.6	2.4 F	<13	<13	68	8.5	<2.6
	100	10/13/2004	<2.5	<2.5	<2.5	<2.5	<2.5	13	<2.5	66	3.7	<2.5	<2.5	<2.5	<2.5	0.74 F	5.4	0.98F	<2.5	<2.5	2.5	1.1FB	<2.5	1.9 F	0.79F	<2.5	1.8 F	<12	<12	40	10	<2.5
	115	10/13/2004	<2.6	<2.6	<2.6	<2.6	<2.6	6.4	<2.6	92	6	<2.6	<2.6	<2.6	<2.6	<2.6	5.3	1.3 F	1.5 F	<2.6	6.6	<2.6	<2.6	54	0.57F	<2.6	3.4 F	<13	<13	350	32	<2.6
KAFB-2618	25	10/14/2004	<2.1	<2.1	<2.1	<2.1	<2.1	2.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	0.52F	<2.1	1800	0.58 F	<2.1	0.68F	1.8 F	1.7 F	0.75F	<2.1	0.82F	<2.1	<11	<11	<11	18	1.4 F	<2.1
	50	10/14/2004	<2.4	<2.4	<2.4	<2.4	<2.4	10	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	0.77 F	<2.4	920	0.9 F	<2.4	1.3 F	3.3	2.8	1.3 F	<2.4	1.4 F	<2.4	0.56F	<12	<12	22	14	<2.4
	75	10/14/2004	<2.5	<2.5	<2.5	<2.5	0.84F	22	<2.5	<2.5	0.92F	<2.5	<2.5	<2.5	1.2 F	<2.5	580	0.52 F	<2.5	1 F	3.1	2.2 F	0.94F	<2.5	0.87F	<2.5	0.57F	<13	<13	14	5.1	<2.5
	75 (FD)	10/14/2004	<2.6	<2.6	<2.6	<2.6	0.97F	23	<2.6	<2.6	1 F	<2.6	<2.6	<2.6	1.3 F	<2.6	540	0.73 F	<2.6	1.2 F	3.4	2.7	1.2 F	<2.6	0.84F	<2.6	<13	<13	<13	25	5.5	0.56F
	100	10/14/2004	<2.5	<2.5	<2.5	<2.5	1.1 F	44	<2.5	1.5 F	3.9	<2.5	<2.5	<2.5	2.4 F	<2.5	260	0.92 F	<2.5	1.1 F	3.4	2.4 F	1.1 F	<2.5	1.2 F	<2.5	0.69F	<13	<13	40	4.6	<2.5
	125	10/14/2004	<2.5	<2.5	<2.5	<2.5	0.99F	47	<2.5	1.8 F	5.1	<2.5	<2.5	<2.5	2.8	<2.5	200	<2.5	<2.5	1.1 F	4	2.3 F	0.97F	<2.5	0.99F	<2.5	1 F	<12	<12	43	5.6	<2.5

Table 2-1. Summary of 2002 through 2004 Soil Vapor Analytical Data, Solid Waste Management Unit WP-26, Sewage Lagoons (Concluded, Page 3 of 3)

Sample Location	Depth (ft bgs)	Sample Date	1,2,4-Trichlorobenzene (1,2,4-TCB)	1,3-Dichlorobenzene (1,3-DCB)	1,4-Dichlorobenzene (1,4-DCB)	1,2-Dichloropropane (1,2-DCP)	Tetrachlorethene (PCE)	Trichloroethene (TCE)	1,1,1-Trichloroethane (1,1,1-TCA)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	cis-1,2-Dichloroethene (cis-1,2-DCE)	Vinyl chloride (VC)	Methylene chloride	Chloroform	1,1,2-Trichloro-1,2,2-trifluoroethane	Trichlorofluoromethane	Dichlorodifluoromethane (Freon-12)	Benzene	Ethylbenzene	Toluene	m,p-Xylenes	o-Xylenes	tert-Butyl methyl ether (MtBE)	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Methyl ethyl ketone [MEK] (2-Butanone)	Methyl isobutyl ketone (4-Methyl-2-pentanone)	2-Hexanone	Acetone	Carbon disulfide	Styrene
			Chlorinated VOC (ppbv)													CFCs (ppbv)			Non-Halogenated and Petroleum VOCs (ppbv)														
KAFB-2619	25	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 F	<2.5	1 F	4.3	2.2 F	1 F	<2.5	1 F	<2.5	1.7 F	<12	<12	9.7FJ	<2.5	<2.5
	25 (FD)	10/14/2004	<2.5	<2.5	<2.5	<2.5	0.65 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 F	4.9	2 F	0.85F	<2.5	0.68F	<2.5	2.9 F	<12	<12	19 J	<2.5	<2.5
	50	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.6	0.8 F	1.4 F	13	2.4 F	1.1 F	<2.5	0.72F	<2.5	<12	<12	<12	22 J	6.9	0.64F
	75	10/14/2004	<2.6	<2.6	<2.6	<2.6	0.56 F	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	2.9	<2.6	1.3 F	9.8	2.3 F	0.92F	<2.6	0.74F	<2.6	0.97F	<13	<13	20 J	3.6	0.53F
	100	10/14/2004	<2.3	<2.3	<2.3	<2.3	1.3 F	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	5.1	0.69F	1.9 F	18	3.1	1.2 F	<2.3	0.7 F	<2.3	2.1 F	<11	<11	50	2.4	0.92F
	125	10/14/2004	<2.2	<2.2	<2.2	<2.2	0.84 F	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	3.7	<2.2	1 F	7.8	1.8 F	0.71F	<2.2	0.6 F	<2.2	1.3 F	0.47F	<11	77	0.52F	<2.2
KAFB-2620	141	12/8/2004	<1.2	<1.2	<1.2	<1.2	2.4	79	<1.2	14	4.2	11	<1.2	<0.6UB	0.5 F	0.4 F	0.31 F	<1.2	16	0.78F	29	1.3	2.9	<1.2	0.61F	0.3 F	2.2 F	<6	<6	17 B	<1.2	<1.2
	181	12/8/2004	<1.6	<1.6	<1.6	0.47 F	2.9	150	<1.6	67	18	35	<1.6	<1.7UB	1.1 F	0.64 F	0.48 F	0.75F	57	1.4 F	74	1.5 F	6.2	<1.6	<1.6	<1.6	8.5	<8.2	1 F	48 B	<1.6	<1.6
	197	12/8/2004	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	0.55F	1.4 F	<1.7	1.2 F	<1.7	<1.7	<1.7	<1.7	<1.7	0.77F	0.42F	2.8 F	4.4FB	<1.7	<1.7
	197 (FD)	12/8/2004	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	0.6 F	1.8	<1.7	1.3 F	<1.7	<1.7	<1.7	<1.7	<1.7	0.38F	<8.3	<8.3	7.9FB	<1.7	<1.7
	246	12/8/2004	<1.6	<1.6	<1.6	<1.6	1.6	1.1 F	<1.6	0.35F	<1.6	<1.6	<1.6	<0.7UB	<1.6	<1.6	<1.6	0.39F	66	1.7	91	1.9	9.6	<1.6	2.3	0.94F	2400	<7.9	2.2 F	260	<1.6	<1.6
KAFB-2621	141	12/8/2004	<1.5	<1.5	<1.5	0.3 F	0.93F	17	1.1 F	290	7.4	1.1 F	<1.5	<2.3UB	<1.5	2.6	0.5 F	0.78F	39	0.94F	75	1.2 F	5.8	0.45F	<1.5	<1.5	13	<7.3	<7.3	51 B	0.54F	<1.5
	165	12/8/2004	<1.6	<1.6	0.47F	<1.6	1.4 F	27	0.77F	300	11	2.1	<1.6	<4.4UB	<1.6	2	0.97 F	0.38F	49	0.95F	78	0.97F	6.5	<1.6	<1.6	<1.6	8.7	<8.2	0.82F	38 B	0.42F	<1.6
	191	12/8/2004	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	1.6	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	0.48F	0.87F	<1.4	1.3 F	0.38F	<1.4	<1.4	<1.4	<1.4	7.1	<6.9	<6.9	12 B	<1.4	<1.4
	245	12/8/2004	<1.5	<1.5	<1.5	<1.5	<1.5	0.78F	<1.5	3.2	<1.5	<1.5	<1.5	<0.5UB	<1.5	<1.5	<1.5	<1.5	54	1.6	88	1.9	7.5	<1.5	<1.5	<1.5	16	<7.2	0.71F	32 B	<1.5	<1.5

ft bgs feet below ground surface
(FD) field duplicate quality control sample
CFCs chlorofluorocarbons
ppbv parts per billion by volume
VOC volatile organic compound
B Analyte detected in an associated blank
F Analyte was positively identified but the reported concentration is estimated; reported concentration is less than the reporting limit, but greater than the method detection limit.
J Data are estimated due to associated quality control data.
UB Analyte considered not detected based on associated blank data.
UJ Potential low bias, possible false negative.
Shaded data indicate positive detections.
- - Indicates that chemical was not analyzed under the TO-14A suite.
VOCs by TO-14A for samples analyzed in 2002 and 2003.
VOCs by TO-15 for samples analyzed in 2004.

Table 2-2. Summary of 1999 through 2007 Perched Groundwater Analytical Data, Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 1 of 2)

		Sample Location	KAFB-2602A	KAFB-0506																	
		Sample Date	2/2/2003	6/22/1999	9/29/1999	3/23/2000	10/2/2000	4/4/2001	10/3/2001	3/21/2002	8/5/2002	9/25/2002	1/30/2003	3/20/2003	7/25/2003	10/23/2003	10/23/2003	1/27/2004	4/26/2004	8/3/2004	10/20/2004
Chemical Class (units) Analytical Method	**Analyte**	**NMWQCC Standard**																			
VOCs (µg/L) SW8260[a]	1,1-Dichloroethane	25	2.95	6.5	< 0.5	5.9	6	6.2	6	5.4	---	5	ND	4.2	4.8	4.8	4.9	5.8	4.7	4.9	5.2
	1,1-Dichloroethene	5	0.14	< 0.5	< 0.5	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NE	ND	< 0.5	< 0.5	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane (EDC)	10	0.11	< 0.5	< 0.5	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	NE	ND	< 0.5	< 0.5	2.2	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND
	1,4-Dichlorobenzene	NE	ND	1.5	< 0.5	2	1.3	1.3	ND	1.1	---	0.8	ND	0.6	0.6	0.6	0.6	0.6	ND	ND	ND
	Acetone	NE	2.2 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	Chloroform	100	< 0.5	< 0.5	< 0.5	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	NE	ND	ND	ND	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---	< 0.5	ND	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5
	Tetrachloroethene	20	0.23	< 0.5	< 0.5	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	750	0.11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---	< 0.5	ND	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Trichloroethene	100	9.12	8.7	7.8	5.5	5.7	5.5	4.8	4.1	---	4.4	ND	4.4	3.9	4.2	4.3	4.8	3.6	4	4.3
SVOCs (µg/L) SW8270, SW8260[a]	1,1-Dichlorobenzene	NE	---	6.5	< 0.5	5.9	6	6.2	6	5.4	---	5	ND	4.2	4.8	4.8	4.9	5.8	4.7	4.9	5.2
	1,3-Dichlorobenzene	NE	---	< 0.5	< 0.5	2.2	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	0.5	< 0.5	ND
	1,4-Dichlorobenzene	NE	---	10	< 0.5	< 2.0	1.3	1.3	< 0.5	1.1	---	0.8	ND	0.6	0.6	0.6	0.6	0.6	ND	< 0.5	< 0.5
	Phenol	5	---	<0.003	<0.003	ND	ND	ND	0.008	0.005	---	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4- Bromoflouorobenzene	NE	---	108	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dissolved Metals[b] (mg/L) SW6010B, SW6020B, SW7470A[c]	Arsenic (dissolved)	100	---	0.0054	0.0022	0.0027	0.0017	0.0015	0.0015	< 1	---	< 1.1	---	< 1.1	---	0.0018	0.0016	---	---	---	---
	Barium (dissolved)	7.3	---	0.171	0.155	0.151	0.109	0.104	0.087	0.0894	---	0.0779	---	0.0728	---	0.0657	0.065	---	---	---	0.0652
	Cadmium (dissolved)	10	---	<0.001	<0.001	<0.001	<0.0009	0.0023	<0.001	<0.001	---	< 0.0011	---	< 0.0011	---	< 0.001	< 0.001	---	---	---	< 0.0011
	Calcium (dissolved)	NE	---	122	115	117	82.6	90.2	102	---	---	---	---	---	---	---	---	---	---	---	---
	Chromium (dissolved)	50	---	<0.005	< 0.005	< 0.005	< 0.0045	<0.005	<0.005	<0.005	---	0.0012	---	0.0014	---	0.0014	0.0014	---	---	---	0.0021
	Iron (dissolved)	1,000	< 0.05	< 0.05	< 0.05	ND	0.175	0.201	0.349	0.479	---	ND	---	ND	---	0.614	0.568	---	---	---	ND
	Magnesium (dissolved)	NE	---	16.9	16.3	14.9	12.4	14.7	16.2	---	---	---	---	---	---	---	---	---	---	---	---
	Manganese (dissolved)	200.00	---	<0.02	< 0.02	< 0.02	0.0028	< 0.02	0.0023	0.0017	---	ND	---	ND	---	ND	ND	---	---	---	ND
	Potassium (dissolved)	NE	---	1.98	2.01	2.32	1.75	1.71	1.81	---	---	---	---	---	---	0.0112	0.0108	---	---	---	---
	Selenium (dissolved)	50	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	ND	---	---	---	---
	Sodium (dissolved)	NE	---	23.6	23.9	19.3	20.9	21.5	22.5	22.4	---	24.7	24.3	22.4	---	22.2	22.3	---	---	---	---
	Mercury (dissolved)	2	---	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	---	ND	---	ND	---	ND	ND	---	---	---	< 0.0002
Nitrogen Species (mg/L) E300, E350.1, E350.2, E351.3, E353.2[c]	Nitrite (as N)	1.0	---	---	---	---	---	---	<0.10	---	<0.1	---	<0.1	---	1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
	Nitrate (as N)	10.0	0.2	2.7	2.5 J	2.9	2.7	2.7	2.8	3	2.5	2.9	2.6	2.9	2.5	3	3	2.7	2.6	<2.8	2.7
	Ammonia as N	NE	---	0.02	< 0.01	< 0.01	< 0.01	0.16 J	0.07	< 0.01	<1.0	<0.01	<1.0	<0.01	<0.01	<0.02	<0.02	0.04	<0.02	---	<0.05
	Nitrate/Nitrite-N	NE	---	2.5	2.5 J	2.7	2.7	2.8	2.9	3.9	---	2.7	---	2.8	3	3	3	3	2.6	2.9	2.9
	Total Kjeldahl Nitrogen (TKN)	NE	---	< 0.3	< 0.3	0.9	< 0.3	< 0.3	0.8	< 0.3	<1.0	<0.30	<1.0	<0.30	<0.30	<0.30	<0.30	0.4	<0.30	0.6	<1.0

Table 2-2. Summary of 1999 through 2007 Perched Groundwater Analytical Data, Solid Waste Management Unit WP-26, Sewage Lagoons (Concluded, Page 2 of 2)

		Sample Location	KAFB-0506													KAFB-2622					KAFB-2624		
		Sample Date	10/20/2004	1/7/2005	7/26/2005	10/25/2005	10/25/2005	1/25/2006	8/3/2006	9/14/2009	9/14/2009	1/18/2007	9/14/2007	9/14/2007	9/18/2008	12/10/2004	12/10/2004	10/18/2005	9/14/2006	9/14/2007	10/18/2005	9/14/2006	9/14/2007
Chemical Class (units) Analytical Method	**Analyte**	**NMWQCC Standard**																					
VOCs (µg/L) SW8260[a]	1,1-Dichloroethane	25	5.4	---	---	3.7	3.8	---	---	4.5	4.3	---	ND	ND	---	3.6	3.4	3.4	0.31 J	0.41J	0.65 J	0.36 J	0.13J
	1,1-Dichloroethene	5	ND	---	---	ND	ND	---	---	ND	ND	---	ND	ND	---	ND	ND	0.34 J	ND	ND	<0.14	ND	ND
	1,2-Dichlorobenzene	NE	ND	---	---	ND	ND	---	---	0.14 J	ND	---	ND	ND	---	0.8	0.8	0.56 J	0.46 J	3.5	0.22 J	ND	0.52J
	1,2-Dichloroethane (EDC)	10	ND	---	---	ND	ND	---	---	ND	ND	---	ND	ND	---	< 0.5	< 0.5	0.15 J	ND	ND	< 0.13	ND	ND
	1,3-Dichlorobenzene	NE	ND	---	---	0.28	0.29	---	---	0.3 J	0.32 J	---	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	NE	ND	---	---	0.3	0.33	---	---	0.17 J	0.16 J	---	3.9	3.3	---	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	NE	< 5.0	---	---	ND	ND	---	---	ND	ND	---	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	100	ND	---	---	ND	ND	---	---	ND	ND	---	ND	ND	---	< 0.5	< 0.5	0.16 J	ND	0.17J	<0.16	ND	ND
	cis-1,2-Dichloroethene	NE	ND	---	---	ND	ND	---	---	0.3 J	0.27 J	---	ND	ND	---	6.5	6.2	ND	4.3	ND	ND	0.7 J	ND
	Methylene chloride	100	< 0.5	---	---	ND	ND	---	---	ND	ND	---	ND	ND	---	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	20	ND	---	---	ND	ND	---	---	ND	ND	---	ND	ND	---	0.5	0.4 F	0.42 J	0.4 J	0.32J	< 0.20	ND	ND
	Toluene	750	< 0.5	---	---	ND	ND	---	---	ND	ND	---	ND	ND	---	< 0.5	< 0.5	<0.17	ND	0.18J	1.3	ND	ND
	Trichloroethene	100	4.2	---	---	3.4	3.4	---	---	3.2	3.2	---	2.7	2.0	---	31.6	29.7	24	23	19	11	9.2	11
SVOCs (µg/L) SW8270, SW8260[a]	1,1-Dichlorobenzene	NE	5.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,3-Dichlorobenzene	NE	< 0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,4-Dichlorobenzene	NE	< 0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Phenol	5	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4- Bromoflouorobenzene	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dissolved Metals[b] (mg/L) SW6010B, SW6020B, SW7470A[c]	Arsenic (dissolved)	100	---	---	---	0.0026	0.003	---	---	0.0021 J	0.0025 J	---	0.0037J	0.00088J	---	---	---	---	0.0021 J	0.00099J	---	0.0023 J	0.00079J
	Barium (dissolved)	7.3	0.0673	---	---	0.065	0.064	---	---	0.053	0.052	---	0.05	0.056	---	---	---	---	0.062	0.065	---	0.36	0.32
	Cadmium (dissolved)	10	< 0.0011	---	---	---	---	---	---	ND	ND	---	ND	ND	---	---	---	---	ND	ND	---	ND	0.00008J
	Calcium (dissolved)	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Chromium (dissolved)	50	0.0027	---	---	0.0028	0.0029	---	---	0.0026 J	0.0023 J	---	0.0058J	0.0018J	---	---	---	---	0.0091 J	0.0018J	---	0.0016 J	0.0019 J
	Iron (dissolved)	1,000	ND	---	---	ND	ND	---	---	ND	ND	---	0.057J	ND	---	---	---	---	---	ND	---	---	ND
	Magnesium (dissolved)	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Manganese (dissolved)	200.00	ND	---	---	0.0014	0.0012	---	---	0.00071 J	0.00068 J	---	0.0019J	0.00074J	---	---	---	---	0.00036 J	0.0012J	---	0.028	0.018
	Potassium (dissolved)	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Selenium (dissolved)	50	---	---	---	---	---	---	---	0.012	0.014	---	0.022	0.011	---	---	---	---	0.0012 J	0.0055	---	0.0016 J	0.0051
	Sodium (dissolved)	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Mercury (dissolved)	2	< 0.0002	---	---	ND	ND	---	---	---	---	---	ND	ND	---	---	---	---	---	ND	---	---	ND
Nitrogen Species (mg/L) E300, E350.1, E350.2, E351.3, E353.2[c]	Nitrite (as N)	1.0	<0.10	<0.5	<0.25	ND	ND	<0.25	<0.1	---	---	<0.1	<0.4	<0.4	< 0.05	< 1	< 1	---	---	---	---	---	---
	Nitrate (as N)	10.0	2.7	2.9	2.5	2.2	2.2	2.6	2.5	5.9	2.5	2.6	2.7	2.5	2.39	3.9	4.1	3.4	3.2	3.3	3.3	3.4	3.5
	Ammonia as N	NE	<0.05	<1	0.076	0.044	<0.02	<1	<0.5	---	---	<0.5	<0.1	<0.1	0.2 J	< 1	< 1	---	---	---	---	---	---
	Nitrate/Nitrite-N	NE	2.8	---	---	2.3	2.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Total Kjeldahl Nitrogen (TKN)	NE	<1.0	0.14	0.2	<1.0	0.13	0.12	<1	---	---	<1	<1	0.206	0.19 J	0.12 F	< 1	---	---	---	---	---	---

µg/L = micrograms per liter
mg/L = milligrams per liter
ND = not detected, reporting limit not available
NE = not established
NMWQCC = New Mexico Water Quality Control Commission
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
F Analyte was positively identified but the reported concentration is estimated; reported concentration is less than the reporting limit, but greater than the method detection limit
J Data are estimated due to associated quality control data

a Analytical methods per specifications of EPA, 1996
b Analytical results for total metals are presented in the appendices
c Analytical methods per specifications of EPA, 1993
--- indicates that samples were not analyzed for this compound
Bold values indicate data that exceeded the NMWQCC standard
Shaded data indicate positive detections

Based on the results of the shallow soil vapor survey, two boreholes were installed to depths of 250 ft bgs using the air rotary casing hammer (ARCH) method. These boreholes were completed with vadose zone Flexible Linear Underground Technologies (FLUTe™) sampling devices fitted with four soil vapor sampling points. Sampling points were positioned at depths of highest photoionization detector (PID) readings, soil VOC concentrations, and beneath the perched groundwater. Soil vapor samples were collected from the soil vapor sampling points and analyzed for VOCs. The locations of the FLUTe™ monitoring points are shown on Figure 2-1.

The soil vapor results from the FLUTe™ samples show that 25 VOCs are present in soil vapor down to depths of the perched groundwater at approximately 200 ft bgs. Acetone, benzene, methyl ethyl ketone (MEK), toluene and xylenes, are the only VOCs detected at significant vapor concentrations (greater than 5 ppbv) below the perched groundwater (at depths between 240 and 250 ft bgs). The maximum TCE concentration of 150 ppbv was detected at 181 ft bgs along the western side of the sewage lagoons (KAFB-2620). The maximum 1,1-DCA concentration of 300 ppbv was detected at 165 ft bgs in the northeast corner of the southern sewage lagoon (KAFB-2621). The maximum acetone concentration of 260 ppbv was detected at 246 ft bgs along the western side of the sewage lagoons (KAFB-2620).

Three perched groundwater monitoring wells were installed around the former sewage lagoons in 2004 and 2005. Monitoring well KAFB-2622 was installed on the west side of the sewage lagoons. Monitoring well KAFB-2623 was installed on the east side of the former sewage lagoons; however this well is dry and was never sampled for groundwater. Monitoring well KAFB-2624 was installed on the north side of the former sewage lagoons. Groundwater samples were collected from the wells, where possible, and analyzed for VOCs, nitrate, nitrite, ammonia, and total Kjeldahl nitrogen (TKN). The monitoring well locations are shown in Figure 2-1.

Nine VOCs were detected in at least one of the samples from the two perched zone monitoring wells, KAFB-2622 and KAFB-2624. TCE was detected in both monitoring wells at concentrations greater than the MCL of 5 µg/L but less than the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard of 100 µg/L. The TCE concentrations were 31.6 µg/L and 11.0 µg/L in samples from monitoring wells KAFB-2622 and KAFB-2624, respectively. The KAFB-2622 sample produced the highest TCE groundwater detection and was co-located with the highest TCE soil vapor concentrations observed at the former sewage lagoons. All other detected constituents were below their respective MCLs. Nitrate concentrations in both wells were below the NMWQCC groundwater standard and MCL of 10 milligrams per liter (mg/L). Data tables for the groundwater sampling are included in Table 2-2 and Appendix B.

2.2.2.4 Long-Term Monitoring of Groundwater

Perched Groundwater Monitoring

Groundwater in the perched zone in the SWMU WP-26 area has been monitored at monitoring well KAFB-0506 since 1999. Perched groundwater monitoring well KAFB-0506 was sampled semi-annually from 1999 to 2006 for site COPCs including VOCs, SVOCs, metals, and nitrogen species. Sampling frequency decreased to annually and analysis was limited to nitrogen species, general chemistry parameters, and metals for 2007 and 2008. Groundwater samples from KAFB-0506 have also been analyzed for pesticides, radiological parameters, and general chemistry parameter (such as total dissolved solids [TDS], total dissolved organic carbon and total Kjeldahl nitrogen) with less frequency. Additional sampling has been performed at perched groundwater monitoring wells KAFB-2622 and KAFB-2624 following installation in 2004 and 2005. Samples from these wells were analyzed for VOCs, metals, anions, and general chemistry parameters (such as TDS). Wells KAFB-2622 and KAFB-2624 were also sampled for radiological analytes.

Six analytical constituents, TCE, 1,1-dichlorobenzene (DCB), nitrite, iron, sulfate, and TDS, were detected above regulatory screening levels in perched zone groundwater in the SWMU WP-26 vicinity from historic data. Chlorinated VOCs including TCE and 1,1-DCB are of primary concern, because TCE has consistently been detected at concentrations above the 5.0 µg/L MCL. Other chlorinated compounds detected in perched groundwater at low concentrations include: 1,1-DCA, 1,2-DCB, 1,3-DCB, 1,4-DCB, cis-1,2-DCE, and tetrachloroethene (PCE). Nitrite was detected infrequently, and at the NMWQCC standard of 1.0 mg/L in only one KAFB-0506 sample. Nitrate was detected at concentrations significantly below screening levels. Iron has been detected in perched groundwater at concentrations ranging over an order of magnitude. Sulfate was detected at a concentration slightly above the NMWQCC screening level in one sample, but was detected below screening levels in all 24 other samples from the same location. Total dissolved solids concentrations are above drinking water standards. However, the concentrations of dissolved solids in the very limited quantity of water of the perched zone were not believed to pose a significant threat to groundwater quality of the regional aquifer. A summary of detected COPCs is presented in Table 2-2, and additional data is included in Appendix B. Hydrographs from perched groundwater monitoring wells are also included in Appendix B.

Regional Aquifer Monitoring

Regional groundwater monitoring in the SWMU WP-26 area has been performed since 1990 with few indications of contaminant migration from historic activities at the former sewage lagoons. Sampling was performed on a semi-annual or quarterly basis at monitoring wells KAFB-0501, KAFB-0502, KAFB-0503, and KAFB-0504 from 1990 to 1996 and ceased thereafter due to the declining groundwater levels in the regional aquifer. Wells KAFB-0501, KAFB-0502, and KAFB-0503 were abandoned in 1998 after becoming dry. Well KAFB-0504 become dry between 1998 and 2001, but has not been abandoned. Sampling was performed at monitoring wells KAFB-0505 (beginning in 1999) and KAFB-0507 (beginning in 2001) on a semi-annual or annual frequency. Regional groundwater samples were regularly analyzed for VOCs, metals, and nitrate. Analysis were also performed for TPH, SVOCs, anions, radionuclides, PAHs, cyanide, poly chlorinated biphenols (PCBs), and general chemistry parameters (such as total dissolved organic carbon, TDS, and alkalinity) on a less frequent basis.

Nitrate and chromium were historically detected above their MCLs in regional groundwater beneath the SWMU WP-26 area. Nitrate was detected in one sample at the 10 mg/L NMWQCC standard (and MCL) in groundwater samples from two monitoring wells indicating that SWMU WP-26 was potentially a historic source of nitrate contamination to the regional groundwater. Nitrate was detected above 10 mg/L (ranging from 11.1 to 14.3 mg/L) in four samples collected between November 1994 and March 1996 from well KAFB-0502. Subsequent samples from the same location produced concentrations below 10.0 mg/L. Two samples from KAFB-0507 contained nitrate at 10 mg/L (from October 2001 and August 2002). All nitrate concentrations since have been below 10 mg/L and have a slight decreasing concentration trend. Recent data do not indicate that the former sewage lagoons are an active source for continued nitrate contamination to the regional aquifer (USAF, 2009a). The occurrence of nitrate in both regional and perched groundwater at Kirtland AFB is being investigated as part of the ongoing *Stage 2 Abatement Plan for Nitrate-Contaminated Groundwater at Kirtland Air Force Base, New Mexico* (USAF, 2007a), which is administered by the NMED Groundwater Quality Bureau.

Metals were sporadically detected in regional groundwater at concentrations above the NMWQCC standards. However, reported concentrations above NMWCC standards have primarily occurred in total (or not filtered) samples which are not suitable for comparison to water quality standards due to suspended soil particles contributing to metals concentrations. Chromium was detected at concentrations above the 50 µg/L standard sporadically and with highly variable reported concentrations. Dissolved chromium was detected at 51 µg/L in one sample from KAFB-0501 in 1990, but was detected below the NMWQCC for all subsequent samples. Hexavalent chromium was detected at 130 µg/L in one sample (from KAFB-0502 in 1994), but was not detected in subsequent samples above the 10 µg/L reporting

limit. Dissolved chromium was detected at 120 µg/L from KAFB-0503 in 1990, but was detected below 15 µg/L in all subsequent samples from that location. Detected chromium concentrations are largely attributed to the use of stainless steel screens in the groundwater monitoring wells. Historic information does not demonstrate regional aquifer contamination by metals at concentrations above NMWQCC standards.

Petroleum (as TPH), VOCs, SVOCs, and radionuclides have been detected at low concentrations below all regulatory standards. Nine VOCs (MEK, 2-hexanone, acetone, carbon disulfide, chloromethane, iodomethane, methylene chloride, naphthalene, and toluene) and two SVOCs [benzyl alcohol and bis(2-ethylhexyl)phthalate] were detected sporadically at low concentrations in monitoring wells KAFB-0501, KAFB-0502, KAFB-0503, and KAFB-0504. Two VOCs, carbon disulfide (two samples) and chloromethane (one sample and the associated blank) were detected in monitoring well KAFB-0505 located immediately down gradient of the former sewage lagoons. One VOCs (toluene in three samples) and two SVOCs (bis[2-ethylhexyl]phthalate in five samples and di-n-butyl phthalate in one sample) were detected in the down gradient monitoring well KAFB-0508. The SVOCs are potential laboratory contaminants. VOCs were not detected in monitoring well KAFB-0507. TCE has not been detected in the regional groundwater in this area.

Dioxins, furans, PAHs, PCBs, cyanide, and pesticides have not been detected. A summary of detected COPCs from regional groundwater samples is presented in Appendix B. Hydrographs from the regional aquifer monitoring wells are also included in Appendix B.

As part of the ongoing Nitrate Abatement Program, an aquifer test was conducted at extraction well KAFB-ST105-EX01 in January 2009. This well is located down gradient of the former sewage lagoons near regional aquifer monitoring well KAFB-0508. The results of this aquifer test are presented in the *Stage 2 Abatement Plan Extraction Well KAFB-ST105-EX01 Aquifer Test Report for Nitrate Contaminated Groundwater at Kirtland Air Force Base, New Mexico* (USAF, 2009b). A copy of this report is included in Appendix B.

As part of the NMED Notice of Deficiency letter, NMED required that Kirtland AFB provide a work plan for the installation of regional groundwater monitoring wells. A RFI work plan addendum was prepared for the installation of one regional groundwater monitoring well. The final location of the proposed monitoring well will be determined through input from the NMED. The RFI work plan addendum is included as Appendix C to this report.

2.2.3 Preliminary Conceptual Site Model

This section presents the preliminary CSM for soil vapor, perched groundwater, and regional groundwater at SWMU WP-26 and data gaps associated with soil vapor and perched groundwater. This preliminary CSM includes information through 2008 and is presented for comparison with the revised CSM.

- The former sewage lagoons cover an area of approximately 14 acres for the north and south lagoons combined. The sewage lagoons are unlined and have concrete reinforced earthen berms.

- The SWMU WP-26 received municipal and light industrial raw sewage for 6 to 8 months of every year for approximately 20 years. It is estimated that 330 million gallons of raw sewage were discharged each year at the sewage lagoons.

- Potential contaminants of concern for soil vapor and perched groundwater at SWMU WP-26 are primarily limited to VOCs and nitrogen species.

- The VOCs have been identified in soil vapor and perched groundwater beneath the sewage lagoons. Phase separated or non aqueous phase liquids (NAPL) have not been observed and are not suspected to be present at the former sewage lagoons.

- The only VOC detected in perched groundwater at concentrations greater than the MCL was TCE (5 µg/L for TCE). TCE concentrations are less than the NMWQCC groundwater standard of 100 µg/L.

- Nitrate concentrations are less than the NMWQCC standard of 10 mg/L in perched groundwater (KAFB-2602A, KAFB-2622, KAFB-2624, KAFB-0506) and in the most recent samples from regional groundwater monitoring wells (KAFB-0501, KAFB-0502, KAFB-0503, KAFB-0504, KAFB-0505, and KAFB-0507) directly adjacent to the former sewage lagoons.

- Regional groundwater beneath and down gradient of the former sewage lagoons does not contain VOCs at concentrations that exceed MCLs as measured in monitoring wells KAFB-0505, KAFB-0507 and KAFB-0508.

- Potential human receptors include site visitors and construction workers; access to the site is limited by a locked fence.

- Potential ecological receptors include small mammals, ground-dwelling birds and animals, foraging small birds, raptors, and plants.

- The potential exposure pathway is inhalation of VOCs from the vadose zone. The perched groundwater exposure pathway is considered incomplete because perched groundwater does not occur in sufficient quantities near the former sewage lagoons for even limited water production and is not used for any purpose.

2.2.3.1 Nature and Extent of Contamination

The contamination present at the sewage lagoons is likely related to the management of sewage effluent at the site. VOCs are present in soil vapor and perched groundwater beneath the former sewage lagoons. The distribution of the different VOCs in the subsurface may be related to the partitioning between different contaminant phases or from different sources. Two different contaminant phases are observed at the former sewage lagoons: (1) a dissolved groundwater phase, and (2) volatilized in soil vapor phase. The extent of VOCs in vadose zone soil vapor is currently unknown.

Perched groundwater occurs at a depth of approximately 200 ft bgs in the area of the former sewage lagoons. The perched groundwater at the sewage lagoons appears to be hydraulically separate from the larger body of perched groundwater located in the eastern portion of Kirtland AFB. VOCs and nitrate have been detected in perched groundwater at the former sewage lagoons. TCE occurs at concentrations above the EPA MCL of 5 µg/L but below the NMWQCC groundwater standard of 100 µg/L in perched groundwater monitoring wells KAFB-2622 and KAFB-2624, and in KAFB-2602A. All other constituents are detected below their respective MCLs. Results from the soil vapor survey at the sewage lagoons indicate that areas with the highest soil vapor TCE concentrations correlate with the highest perched groundwater TCE concentrations.

2.2.3.2 Fate and Transport

The source of VOC contamination was likely dissolved phase VOCs in the sewage effluent that infiltrated during lagoon operation. Subsequent to infiltration, the dissolved phase contamination partitioned between the soil, soil vapor, and perched groundwater. Dissolved phase concentrations of TCE observed in perched groundwater are several orders of magnitude below the solubility limit indicating that separate phase or NAPL TCE is not present at the site. The distribution of VOCs in the subsurface is dependent on the contaminant fraction absorbed on the soil matrix, the dispersion of contaminated soil vapor, and the migration of contaminated perched groundwater.

In-situ degradation of TCE occurs primarily in anaerobic environments through reductive dechlorination. Chlorinated solvents, such as TCE, can be co-metabolized by anaerobic and facultative bacteria during consumption of a carbon source. Aerobic degradation can occur, but is rare in naturally occurring environments. The presence of cis-1,2 DCE and vinyl chloride in some soil vapor samples and perched groundwater indicates that reductive dechlorination of TCE has occurred at the sewage lagoons. Organic carbon in the sewage effluent probably served as the carbon source for the reaction. However, the reduction of TCE is incomplete and TCE remains in the soil vapor and perched groundwater. The subsurface environment at the sewage lagoons is lacking in organic carbon and currently exhibits aerobic conditions. Therefore, further degradation of TCE and other chlorinated solvents is unlikely at the site.

2.2.3.3 Data Gaps

Based on a review of previous investigation results of perched groundwater and soil vapor, the following data gaps are identified:

- The extent of VOC concentrations in the vadose zone at locations more than 200 ft from the boundary of the former sewage lagoons is unknown;
- Based on the known distribution of TCE in the vadose zone, other sources of TCE may be present near the former sewage lagoons; and
- The extent of perched groundwater contamination in the vicinity of the former sewage lagoons has not been fully characterized.

2.2.4 2009 RFI Soil Vapor and Perched Groundwater Investigation Activities

The 2009 RFI was performed to address data gaps for VOCs in soil vapor and perched groundwater, and for nitrate in perched groundwater in the areas surrounding the former sewage lagoons. Nested soil vapor points were installed at 17 locations, and three groundwater monitoring wells were installed in the perched groundwater zone between January 6 and March 2, 2009. Soil vapor, soil, and groundwater samples were collected between January 6 and April 22, 2009. Soil vapor samples were collected from newly installed vapor points, from two existing groundwater monitoring wells (with well screens in unsaturated material), and from one newly installed groundwater monitoring well (which was dry) for VOC analysis. Soil samples were collected from three soil boring locations in which groundwater monitoring wells were installed and analyzed for VOCs and nitrogen species. Groundwater samples were collected from two newly installed monitoring wells for VOCs, nitrogen species, and perchlorate (Figure 2-1).

2.2.4.1 Soil Vapor Point Installation

Nested soil vapor points were installed at 17 locations numbered SV-96 through SV-112 between January 7 and February 13, 2009, as described in the work plan. Vapor points SV-96 through SV-110 were installed with a Geoprobe™ 6610DT DPT drill rig equipped with 2-1/4 inch dual tube casing. Vapor points SV-111 and SV-112 were installed with a CME-85 hollow stem auger (HSA) drill rig equipped with approximately 6 inch outer diameter augers (Figure 2-1).

Vapor point installation began at five initially selected locations (SV-96 through SV-100) as described in the work plan. Additional vapor point locations were selected to provide information on the horizontal extent of primary COPCs based on the following:

- Historic soil vapor data from SWMU WP-26 vapor points;
- Preliminary result of soil vapor sample data from newly installed vapor points; and
- Information from field staff on site conditions and consultations with Kirtland AFB staff.

Installation of vapor points with DPT was not performed according to the work plan at several locations. The desired terminal depths were not achieved due to greater than expected resistance on the drill string. Although the same model drill rig was used for installation of historic and 2009 vapor points, 2009 drilling encountered refusal at significantly shallower depths, and more difficulties were encountered for drilling below 75 ft than reported from previous historic efforts. It is believed that soil moisture directly beneath the former sewage lagoons softened soils and reduced the resistive drag on the DPT drill pipe in the areas drilled between 2002 and 2004. Areas drilled by DPT in 2009 were relatively dry.

Additionally, shallow vapor points were installed at four locations to provide additional data appropriate for evaluations of soil vapor intrusion for potential future land use risk assessments. These supplemental soil vapor points were not included in the work plan, and were installed at a depth of 10 ft at the SV-98, SV-99, SV-101, and KAFB-2606 vapor point nests.

Vapor point nests were constructed as proposed in the work plan. The screens of the vapor points consisted of 2.5 inch long perforated aluminum points of approximately 3/4-inch diameter. Each of these screens is connected to the surface by nylon tubing, with dimensions of 1/8-inch inner diameter and 3/8-inch outer diameter. The screens were seated in an approximately 5-ft interval of filter pack material (10/20 Colorado silica sand). Final screen depths were adjusted based on site conditions, and terminal depth refusal. Three to five soil vapor sampling points were installed in each vapor point nest. The intervals between filter pack materials were sealed with granular bentonite, which was hydrated with distilled water at intervals between two and five ft. Vapor point locations were completed at the surface with 6-inch diameter traffic rated well vault boxes. The well boxes were set in concrete mounded slightly above the ground surface to allow for shedding of rain water. No more than four vapor points were nested in the same boring, to allow for proper placement of filter material and annular seal. Vapor point and construction information is summarized in Table 2-3, and is presented in Appendix D.

Installation of vapor points with HSA was performed according to the work plan at two locations selected to provide additional data for vertical COPC delineation. Locations SV-111 and SV-112 were installed to depths between 150 and 205 ft bgs. Three vapor points were installed in these vapor point nests, and construction was performed similar to that of DPT vapor point construction. The HSA borings were approximately six inches in diameter and required more annular material. Vapor points were installed at shallower depths than planned at SV-111 due to saturated soil conditions encountered at 190 ft bgs.

Table 2-3. Vapor Point and Monitoring Well Construction for the 2009 Investigation, Solid Waste Management Unit WP-26, Sewage Lagoons

Location Identifier	Type	Screen Interval (feet bgs)	Northing[a]	Easting[a]	Casing	Filter Pack (feet bgs)
SV-96	Nested vapor point	24.6/50.0/75.1	1470014.0	1545669.9	1/8-inch inside diameter nylon	19-27/47-51/69-83
SV-97	Nested vapor point	24.7/49.7/74.8/ 99.5	1469164.7	1545865.1	1/8-inch inside diameter nylon	21-27/44-56/70-77 /95-102
SV-98	Nested vapor point	10.0/24.8/50.0/ 75.0/100.0	1468933.7	1545868.4	1/8-inch inside diameter nylon	5-12/21-27/46-52/ 72-77/95-101
SV-99	Nested vapor point	10.0/24.5/49.9/ 74.7/99.7/118	1469841.5	1547235.0	1/8-inch inside diameter nylon	5-12/20-27/46-52/ 71-77/95-103/ 114-127
SV-100	Nested vapor point	24.9/49.9/74.8/ 99.5/111.0	1469233.0	1547257.8	1/8-inch inside diameter nylon	21-27/46-52/72-76/ 96-100/107-112
SV-101	Nested vapor point	10.4/25.0/49.5/ 73.0/100.0/127	1470196.2	1546623.3	1/8-inch inside diameter nylon	5-12/20-27/46-51/ 69-75/96-102/ 122-129
SV-102	Nested vapor point	24.9/50.0/74.9/ 94.0	1468286.2	1547261.0	1/8-inch inside diameter nylon	21-27/46-52/71-76/ 90-95
SV-103	Nested vapor point	24.7/50.0/74.9/ 105.7	1470004.2	1547391.2	1/8-inch inside diameter nylon	21-27/46-52/71-76/ 100-107
SV-104	Nested vapor point	25.0/49.5/74.6/ 94.0	1469044.3	1545608.1	1/8-inch inside diameter nylon	21-27/45-51/70-77/ 90-95
SV-105	Nested vapor point	24.8/49.8/74.9/ 103.0	1468608.3	1545985.5	1/8-inch inside diameter nylon	17-26/50-52/70-76/ 99-103
SV-106	Nested vapor point	24.5/49.8/74.6/ 100.0/127.0	1470323.1	1547231.7	1/8-inch inside diameter nylon	20-26/45-51/70-76/ 96-106/123-130
SV-107	Nested vapor point	24.7/50.0/74.5/ 98.8/128.8	1470176.6	1547658.0	1/8-inch inside diameter nylon	20-27/46-52/70-77/ 95-102/124-130
SV-108	Nested vapor point	25.0/49.7/75.0/ 99.4/114.0	1469626.7	1547902.0	1/8-inch inside diameter nylon	21-27/45-52/70-77/ 95-102/110-115
SV-109	Nested vapor point	24.4/49.9/74.8/ 109.0	1468149.5	1546945.4	1/8-inch inside diameter nylon	20-27/46-52/70-77/ 105-110
SV-110	Nested vapor point	25.0/50.0/74.8/ 99.7/125.0	1470430.4	1546457.3	1/8-inch inside diameter nylon	21-27/46-52/70-77/ 95-102/120-130
SV-111	Nested vapor point	150.0/165.0/ 184.0	1468572.5	1546138.4	1/8-inch inside diameter nylon	139-154/161-167/ 180-200
SV-112	Nested vapor point	150.0/175.0/ 205.0	1470137.6	1547658.0	1/8-inch inside diameter nylon	139-154/171-176/ 202-215
KAFB-2606	Shallow vapor point	9.8	1469330.6	1546252.3	1/8-inch inside diameter nylon	5-12
KAFB-2625	Monitoring well	185-205 (sump 205-207.5)	1468574.06	1546157.96	4-inch PVC	182-210
KAFB-2626	Monitoring well	185-205 (sump 205-207.5)	1469219.78	1545655.89	4-inch PVC	178-210
KAFB-2627	Monitoring well	195-215 (sump 215-217.5)	1469876.3	1547246.35	4-inch PVC	190-218

a Survey data in State Plane North American Datum 83 New Mexico Central. Monitoring well survey is accurate to 0.02 feet for horizontal data and 0.01 feet for vertical data. Monitoring well survey was performed by a New Mexico licensed surveyor. Vapor point survey is accurate to approximately 10 feet and was performed with hand held global positioning unit.

bgs- below ground surface PVC - polyvinyl chloride

KAFB - Kirtland Air Force Base SV- soil vapor

DPT borings produced no drill cuttings. The HSA borings produce cuttings which were stored on site, and disposed of as investigation derived waste (IDW) along with drill cuttings produced from monitoring well installation. The IDW documentation is provided in Appendix D.

2.2.4.2 Soil Vapor Sampling

Soil vapor sampling in the 2009 RFI was performed in a step-wise manner that provided data to guide the selection of vapor point installation. Soil vapor samples were collected between January 6 and April 14, 2009 (Table 2-4). Soil vapor samples were collected from all newly installed vapor points, from two existing groundwater monitoring wells (dry wells), and from one newly installed groundwater monitoring well (dry well).

Measurements of bulk vapor chemistry were recorded during soil vapor sampling. The Lantec GEM 500™ pump was equipped with calibrated methane, carbon dioxide, and oxygen sensors. The detection limit of the methane sensor was approximately 0.1%, and no detections were recorded. Carbon dioxide and oxygen readings from vapor monitoring points are presented in Appendix D.

All soil vapor samples were collected in Tedlar® bags and analyzed for VOCs by EPA Method SW-846 8260 (EPA, 1996). Vapor samples were analyzed on a 24-hour turnaround time such that preliminary results were available for field decisions. Full analytical results were obtained within 30 days of submission and were validated according to the Quality Assurance Project Plan (QAPP).

Initial samples were collected on January 6, 2009 from existing dry groundwater monitoring wells KAFB-0504 and KAFB-2623. Monitoring well KAFB-0504 is screened in the regional aquifer zone, and was previously sampled for groundwater, but had become dry due to declining groundwater elevations. Monitoring well KAFB-2623 was screened in the local perched groundwater zone, but was dry at the time of installation. Initial samples were collected by purging the entire 4-inch casing from the surface using a pump producing approximately one half liter per second. Results of these initial samples were rejected during data validation due to anomalous detections from well samples and pump blank samples indicating pump contamination by fuel VOCs.

The dry wells were subsequently resampled on January 27 and January 29, 2009 using a modified method which prevented contamination from the pump. Tubing was inserted to the screen interval of the monitoring wells and was used to purge soil vapor from the screen interval. The soil vapor was purged for 90 to 220 minutes at a constant rate of 300 milliliters per minute with a Lantec GEM 500® electric pump in order to purge approximately one casing volume (full well casing volume from ground surface) prior to sample collection. Soil vapor samples were collected directly from the tubing (with pump shut off) using laboratory grade syringes to fill Tedlar® bags. These sample results were validated and were consistent with other site data.

One sample was also collected from the newly installed monitoring well KAFB-2627 on April 14, 2009. The perched groundwater zone in the area of KAFB-2627 did not provide sufficient water to produce groundwater samples; however TCE was reported in soil vapor samples adjacent to the well location.

Vapor samples were collected between two and six days subsequent to installation of soil vapor point nests, from January 9 to February 16, 2009. These vapor samples were collected in a similar manner to the modified method described above. Due to the small casing diameter from the vapor point construction, purge volumes were significantly smaller. Soil vapor was purged from vapor points at 300 milliliters per minute for 1 to 6 minutes depending on the point depth.

Quality assurance/quality control samples were collected according to the QAPP. Field duplicates were collected simultaneously with corresponding normal samples. Four pump blank samples were collected to verify decontamination and sample procedures. These data are discussed in the data validation report.

Table 2-4. 2009 Soil Vapor Sampling, Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 1 of 2)

Sample ID	Location ID	Depth (feet bgs)	Sample Date	Sample Type
WP26-KAFB-2606-0010	KAFB-2606	10	2/2/2009	Normal
~~WP26-2623-200~~	~~KAFB-2623~~	~~200~~	~~1/6/2009~~	Rejected/resampled[a]
WP26-SV-2623-200-2	KAFB-2623	200	1/29/2009	Normal
WP26-SV-2627-0215	KAFB-2627	215	4/14/2009	Normal
~~KAFB-0504-0470~~	~~KAFB-0504~~	~~470~~	~~1/6/2009~~	Rejected/resampled[a]
~~KAFB-0504-0470-99~~	~~KAFB-0504~~	~~470~~	~~1/6/2009~~	Rejected/resampled[a]
WP26-SV-0504-0470-2	KAFB-0504	470	1/27/2009	Normal
WP26-SV-0096-0025	SV-96	25	1/9/2009	Normal
WP26-SV-0096-0050	SV-96	50	1/9/2009	Normal
WP26-SV-0096-0075	SV-96	75	1/9/2009	Normal
WP26-SV-0097-0025	SV-97	25	1/11/2009	Normal
WP26-SV-0097-0050	SV-97	50	1/11/2009	Normal
WP26-SV-0097-0075	SV-97	75	1/11/2009	Normal
WP26-SV-0097-0100	SV-97	100	1/11/2009	Normal
WP26-SV-0098-0010	SV-98	10	2/2/2009	Normal
WP26-SV-0098-0025	SV-98	25	1/13/2009	Normal
WP26-SV-0098-0025-99	SV-98	25	1/13/2009	Field Duplicate
WP26-SV-0098-0050	SV-98	50	1/13/2009	Normal
WP26-SV-0098-0075	SV-98	75	1/13/2009	Normal
WP26-SV-0098-0100	SV-98	100	1/13/2009	Normal
WP26-SV-0099-0010	SV-99	10	2/2/2009	Normal
WP26-SV-0099-0025	SV-99	25	1/11/2009	Normal
WP26-SV-0099-0050	SV-99	50	1/11/2009	Normal
WP26-SV-0099-0075	SV-99	75	1/11/2009	Normal
WP26-SV-0099-0100	SV-99	100	1/11/2009	Normal
WP26-SV-0099-0125	SV-99	125	1/11/2009	Normal
WP26-SV-0099-0125-99	SV-99	125	1/11/2009	Field Duplicate
WP26-SV-0100-0025	SV-100	25	1/12/2009	Normal
WP26-SV-0100-0050	SV-100	50	1/12/2009	Normal
WP26-SV-0100-0075	SV-100	75	1/12/2009	Normal
WP26-SV-0100-0100	SV-100	100	1/12/2009	Normal
WP26-SV-0100-0111	SV-100	111	1/12/2009	Normal
WP26-SV-0100-0111-99	SV-100	111	1/12/2009	Field Duplicate
WP26-SV-0101-0010	SV-101	10	2/2/2009	Normal
WP26-SV-0101-0025	SV-101	25	1/14/2009	Normal
WP26-SV-0101-0050	SV-101	50	1/14/2009	Normal
WP26-SV-0101-0075	SV-101	75	1/14/2009	Normal
WP26-SV-0101-0100	SV-101	100	1/14/2009	Normal
WP26-SV-0101-0127	SV-101	127	1/14/2009	Normal
WP26-SV-0102-0025	SV-102	25	1/19/2009	Normal
WP26-SV-0102-0050	SV-102	50	1/19/2009	Normal
WP26-SV-0102-0075	SV-102	75	1/19/2009	Normal
WP26-SV-0102-0075-99	SV-102	75	1/19/2009	Field Duplicate
WP26-SV-0102-0094	SV-102	94	1/19/2009	Normal
WP26-SV-0103-0025	SV-103	25	1/19/2009	Normal
WP26-SV-0103-0050	SV-103	50	1/19/2009	Normal
WP26-SV-0103-0075	SV-103	75	1/19/2009	Normal
WP26-SV-0103-0106	SV-103	106	1/19/2009	Normal
WP26-SV-0104-0025	SV-104	25	1/26/2009	Normal
WP26-SV-0104-0050	SV-104	50	1/26/2009	Normal
WP26-SV-0104-0075	SV-104	75	1/26/2009	Normal

Table 2-4. 2009 Soil Vapor Sampling, Solid Waste Management Unit WP-26, Sewage Lagoons (Concluded, Page 2 of 2)

Sample ID	Location ID	Depth (feet bgs)	Sample Date	Sample Type
WP26-SV-0104-0094	SV-104	94	1/26/2009	Normal
WP26-SV-0104-0094-99	SV-104	94	1/26/2009	Field Duplicate
WP26-SV-0105-0025	SV-105	25	2/2/2009	Normal
WP26-SV-0105-0050	SV-105	50	2/2/2009	Normal
WP26-SV-0105-0075	SV-105	75	2/2/2009	Normal
WP26-SV-0105-0100	SV-105	100	2/2/2009	Normal
WP26-SV-0106-0025	SV-106	25	1/28/2009	Normal
WP26-SV-0106-0050	SV-106	50	1/28/2009	Normal
WP26-SV-0106-0075	SV-106	75	1/28/2009	Normal
WP26-SV-0106-0100	SV-106	100	1/26/2009	Normal
WP26-SV-0106-0127	SV-106	127	1/26/2009	Normal
WP26-SV-0106-0127-99	SV-106	127	1/26/2009	Field Duplicate
WP26-SV-0107-0025	SV-107	25	1/29/2009	Normal
WP26-SV-0107-0050	SV-107	50	1/29/2009	Normal
WP26-SV-0107-0075	SV-107	75	1/29/2009	Normal
WP26-SV-0107-0100	SV-107	100	1/29/2009	Normal
WP26-SV-0107-0129	SV-107	129	1/29/2009	Normal
WP26-SV-0108-0025	SV-108	25	2/2/2009	Normal
WP26-SV-0108-0050	SV-108	50	2/2/2009	Normal
WP26-SV-0108-0075	SV-108	75	2/2/2009	Normal
WP26-SV-0108-0100	SV-108	100	2/2/2009	Normal
WP26-SV-0108-0114	SV-108	114	2/2/2009	Normal
WP26-SV-0108-0114-99	SV-108	114	2/2/2009	Field Duplicate
WP26-SV-0109-0025	SV-109	25	2/2/2009	Normal
WP26-SV-0109-0050	SV-109	50	2/2/2009	Normal
WP26-SV-0109-0075	SV-109	75	2/2/2009	Normal
WP26-SV-0109-0100	SV-109	100	2/2/2009	Normal
WP26-SV-0110-0025	SV-110	25	2/2/2009	Normal
WP26-SV-0110-0050	SV-110	50	2/2/2009	Normal
WP26-SV-0110-0075	SV-110	75	2/2/2009	Normal
WP26-SV-0110-0100	SV-110	100	2/2/2009	Normal
WP26-SV-0110-0125	SV-110	125	2/2/2009	Normal
WP26-SV-0110-0125-99	SV-110	125	2/2/2009	Field Duplicate
WP26-SV-0111-0150	SV-111	150	2/16/2009	Normal
WP26-SV-0111-0165	SV-111	165	2/16/2009	Normal
WP26-SV-0111-0184	SV-111	184	2/16/2009	Normal
WP26-SV-0111-0184-99	SV-111	184	2/16/2009	Field Duplicate
WP26-SV-0112-0150	SV-112	150	2/16/2009	Normal
WP26-SV-0112-0175	SV-112	175	2/16/2009	Normal
WP26-SV-0112-0205	SV-112	205	2/16/2009	Normal

a Samples collected on January 6, 2009 were rejected due to sample pump contamination.
bgs - below ground surface
ID - identifier
SV - soil vapor

2.2.4.3 Groundwater Monitoring Well Installation

Three groundwater monitoring wells (KAFB-2625, KAFB-2626, and KAFB-2627) were installed in the perched groundwater zone between February 19 and March 2, 2009 (Figure 2-1). Monitoring wells were installed with an ARCH Speedstar 50K drill rig. Soil samples were collected from the boreholes, and a monitoring well was installed in each boring. Air circulation prevented accurate determination of groundwater elevation in the perched zone during drilling, due to limited availability of groundwater in this zone, and poor recovery of groundwater into the borehole. Care was taken to prevent the perforation of the confining unit below the perched groundwater zone.

As the borings were advanced, soil core samples were collected in split-spoons beneath air circulation and prior to in advance of the drill casing. Samples were collected at 20 foot intervals from 100 ft bgs to the groundwater, or to the borehole bottom. Four samples were selected from each borehole by field screening with a PID meter for laboratory analysis. One additional sample was submitted for boring KAFB-2625. Samples were submitted for analysis for VOCs by method SW846 8260 (EPA, 1996), nitrate and nitrite by EPA 300, ammonia by EPA 350.2, and TKN by EPA 351.3 (EPA, 1993). A summary of samples collected during drilling is presented in Table 2-5.

Table 2-5. 2009 Soil Sampling, Solid Waste Management Unit WP-26, Sewage Lagoons

Sample ID	Location ID	Depth (feet bgs)	Sample Date	Sample Type	Laboratory Analyses[a]
WP26-SO-2625-0140	KAFB-2625	140	2/26/2009	Normal	VOCs (8260) Nitrate, Nitrite (300) Ammonia (350.2) TKN (351.3)
WP26-SO-2625-0160	KAFB-2625	160	2/26/2009	Normal	
WP26-SO-2625-0180	KAFB-2625	180	2/26/2009	Normal	
WP26-SO-2625-0180-99	KAFB-2625	180	2/26/2009	Field Duplicate	
WP26-SO-2625-0200	KAFB-2625	200	2/26/2009	Normal	
WP26-SO-2625-0220	KAFB-2625	220	2/26/2009	Normal	
WP26-SO-2626-100	KAFB-2626	100	2/22/2009	Normal	
WP26-SO-2626-160	KAFB-2626	160	2/22/2009	Normal	
WP26-SO-2626-180	KAFB-2626	180	2/22/2009	Normal	
WP26-SO-2626-200	KAFB-2626	200	2/22/2009	Normal	
WP26-SO-2627-0140	KAFB-2627	100	3/1/2009	Normal	
WP26-SO-2627-0160	KAFB-2627	160	3/1/2009	Normal	
WP26-SO-2627-0180	KAFB-2627	180	3/1/2009	Normal	
WP26-SO-2627-0200	KAFB-2627	200	3/1/2009	Normal	

bgs - below ground surface
ID - identifier
SO - soil
TKN – total Kjeldahl nitrogen
VOC – volatile organic compound

Groundwater monitoring wells were constructed according to the work plan. Locations of monitoring wells were selected in areas where preliminary soil vapor data indicated COPC contamination was present, to the west, southwest, and northeast of the former sewage lagoons. Unfortunately, insufficient water was present in the northeast (KAFB-2627 location) to saturate the perched groundwater zone. Therefore, dry well KAFB-2627 was sampled for soil vapor in the screened zone.

Each monitoring well was installed with 20 foot 0.010-inch slot screens located above and partially within the restrictive unit on which groundwater is perched beneath the SWMU WP-26 area. Each well was constructed with a 2.5 foot sump and with 10/20 Colorado silica sand filter material. The casing and

screen materials are schedule 80 polyvinyl chloride (PVC). Well construction information is summarized in Table 2-3 and detailed in Appendix D.

Wells KAFB-2625 and KAFB-2626 located to the southwest and west of the former sewage lagoons contained sufficient water for sampling. These wells were developed and sampled according to the work plan.

Soil cuttings, development water, and purge water were generated as IDW. The IDW was contained on site pending analysis. Soil IDW was disposed of at the Construction and Demolition Debris Landfill of Kirtland AFB. Water IDW was released on site within the former sewage lagoons. Documentation of IDW management is provided in Appendix D.

2.2.4.4 Perched Groundwater Sampling

Following well development groundwater samples were collected from monitoring wells KAFB-2625 and KAFB-2626. Groundwater quality parameters were measured during well development and groundwater sampling on April 21 and 22, 2009. The limited availability of water in the perched groundwater at the SWMU WP-26 area did not allow for continuous pumping during well development and sampling. Because well development and sampling were accomplished by bailing, groundwater quality data was not considered of sufficient quality for retention (water quality meter sensors did not equilibrate). Notes of well development are included in Appendix D.

Samples were collected on April 22, 2009 and analyzed for VOCs by method SW846-8260, perchlorate by method SW846-6860 (EPA, 1996), nitrate and nitrite by EPA Method 300, ammonia by EPA 350.1, and TKN by EPA 351.2 (EPA, 1993). One field duplicate sample was collected from well KAFB-2626 (Table 2-6). Groundwater samples were collected subsequent to purging of more than one borehole volume of water.

Table 2-6. 2009 Groundwater Sampling, Solid Waste Management Unit WP-26, Sewage Lagoons

Sample ID	Location ID	Sample Date	Sample Type	Laboratory Analyses[a]
WP26-GW-2625-22042009	KAFB-2625	4/22/2009	Normal	VOCs (8260) Percholorate (6860) Nitrate, Nitrite (300) Ammonia (350.2) TKN (351.3)
WP26-GW-2626-22042009	KAFB-2626	4/22/2009	Normal	
WP26-GW-2626-22042009FD	KAFB-2626	4/22/2009	Field Duplicate	

FD – field duplicate
GW - groundwater
ID - identifier
TKN – total Kjeldahl nitrogen
VOC – volatile organic compound

Groundwater elevations measurements were recorded from the SWMU WP-26 vicinity in March to support the evaluation of the extent of groundwater contamination. Groundwater elevations were measurements for newly installed wells KAFB-2625 and KAFB-2626 were recorded in April. These groundwater elevation data are presented below in Table 2-7.

Table 2-7. Groundwater Elevation Data for Solid Waste Management Unit WP-26, Sewage Lagoons

Monitoring location Information			Well Information		Groundwater Elevation Information		
Well Identifier	Aquifer Zone/ Gradient Direction	Well Location	Well Screen Interval (ft bgs)	Well Casing Elevation (ft msl)	Water Level Date	Depth to Water (ft bmp)	Groundwater Elevation[a] (ft msl)
KAFB-0506	Perched/source area	Due east of lagoons	203 - 223	5357.42	3/3/09	205.41	5155.39
KAFB-2602A	Perched/source area	Inside lagoons	195 - 197	5357.42	3/2/09	193.99	5163.43
KAFB-2622	Perched/source area	Inside lagoons	195 - 215	5355.47	3/2/09	200.6	5154.87
KAFB-2624	Perched/ downgradient	Due north of lagoons	195 - 215	5359.6	3/2/09	213.57	5146.03
KAFB-2625	Perched/souce area	Southwest of lagoons	185 - 205	5356.59	4/21/09	194.67	5161.92
KAFB-2626	Perched/ upgradient	West of lagoons	185 - 205	5357.51	4/21/09	200.79	5156.72
KAFB-2627	Perched/ downgradient	Northeast of lagoons	195 - 215	5367.47	4/21/09	DRY	DRY
KAFB-0505	Regional/ downgradient	Due north of lagoons	495.4 - 520.5	5360.14	3/2/09	506.91	4853.23
KAFB-0507	Regional/ downgradient	Northwest Pad 5	482.3 - 507.3	5356.15	3/2/09	501.82	4854.33
KAFB-0508	Regional/ far downgradient	Far northwest, flight line area	481 - 506	5349.21	3/3/09	497.86	4851.35
KAFB-0512	Regional/ far upgradient	Far southwest, arroyo area	424 - 449	5300.48	3/3/09	447.07	4853.41
KAFB-0522	Regional/ far upgradient	Far southwest, arroyo area	405 - 430	5264.81	3/3/09	410.83	4853.98

a Groundwater elevations are calculated by subtracting the depth to water measurement from the surveyed well casing elevation.
ft bgs - feet below ground surface
ft bmp - feet below measuring point
ft mls - feet above mean sea level

2.2.4.5 Deviations from Work Plan

Minor deviations were made from the work plan during the implementation of the 2009 RFI. These modifications are described above where they apply to vapor point and monitoring well installation. Additional modifications were made in laboratory analysis. Analytical methods for TKN and ammonia were modified slightly by the laboratory in order to provide data of sufficient quality to meet QAPP specifications. On consultation with the laboratory and project chemists, matrix spike and matrix spike duplicate samples were not included in soil vapor analysis. A summary of the deviations from the work plan are listed in Table 2-8.

Table 2-8. Deviations from Work Plan

Deviation	Description	Rationale
1	Modified screen depths from work plan.	Drilling refusal at depths less than proposed in work plan.
2	Installed four soil vapor points at 10 feet below ground surface.	Shallow vapor points installed to provide data for direct comparison during risk assessment.
3	Modified vapor point nest construction.	No more than four points installed in any one boring to allow for proper placement of seal.
4	Modified SV-111 construction.	Soil vapor points installed at shallower depths than proposed due to saturated soils encounter at 200 feet.
5	Initial samples from wells KAFB-2623 and KAFB-0504 were rejected.	Initial data was rejected due to pump contamination and wells were resampled using a modified method.
6	Groundwater monitoring well KAFB-2627 installed dry.	Unable to confirm saturated zone during drilling due to air circulation and limited availability of perched groundwater.
7	Additional soil vapor samples collected from KAFB-2627.	One additional soil vapor sample collected in newly installed well that produced no groundwater.
8	Soil and groundwater analytical methods for nitrogen species modified.	Method E350.1 replaced by E350.2 and method E351.2 replaced by E351.3 to comply with laboratory standards and ensure quality of analytical data.
9	Matrix spike and matrix spike duplicate samples not collected for soil vapor samples.	Spikes of air samples are not indicated as best laboratory practices.

2.3 Soil Vapor and Perched Groundwater Data Evaluation

In this section the laboratory analytical data from the 2009 RFI are presented and discussed. The data is used in conjunction with historical data and information to determine the nature and extent of soil vapor, soil, and perched groundwater contamination in the areas directly beneath and surrounding the former sewage lagoons. The data and analysis are used to refine the CSM.

2.3.1 Soil Vapor Data Evaluation

2.3.1.1 2009 RFI Soil Vapor Results

Soil vapor samples were analyzed for VOCs using method SW846-8260 modified for vapor analysis. Of the 65 analytes included in the VOC analyte list, 32 compounds were detected including 14 chlorinated VOCs, two chlorofluorocarbons (CFC), and 16 petroleum related and non halogenated VOCs. Soil vapor analytical data are presented in Table 2-9. Laboratory analytical data validation and quality control sample data are presented in Appendix E.

Table 2-9. 2009 RFI Soil Vapor Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 1 of 4)

Sample Location	Depth (ft bgs)	Sample ID	Date	Hexachlorobutadiene	1,2,4-Trichlorobenzene (1,2,4-TCB)	1,2,3-Trichlorobenzene (1,2,3-DCB)	1,2-Dichlorobenzene (1,2-DCB)	1,3-Dichlorobenzene (1,3-DCB)	1,4-Dichlorobenzene (1,4-DCB)	2-Chlorotoluene	4-Chlorotoluene	1,2,3-Trichloropropane (1,2,3-TCP)	1,1-Dichloropropene (1,1-DCP)	1,2-Dichloropropane (1,2,DCP)	1,3-Dichloropropane (1,3-DCP)	cis-1,3-Dichloropropene (cis-1,3-DCP)	trans-1,3-Dichloropropene (trans-1,3-DCP)	2,2-Dichloropropane (2,2-DCP)	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane (1,1,1,2-TCA)	1,1,2,2-Tetrachloroethane (1,1,2,2-TCA)	Trichloroethene (TCE)	1,1,1-Trichloroethane (1,1,1-TCA)	1,1,2-Trichloroethane (1,1,2-TCA)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichloroethane (1,2-DCA) [EDC]	cis-1,2-Dichloroethene (cis-1,2-DCE)	trans-1,2-Dichloroethene (trans-1,2-DCE)	Vinyl chloride (VC)	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
				All concentrations in parts per billion by volume (ppbv)																															
SV-96	25	WP26-SV-0096-0025	1/9/2009	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0096-0050	1/9/2009	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0096-0075	1/9/2009	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-97	25	WP26-SV-0097-0025	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0097-0050	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0097-0075	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	5.13	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0097-0100	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	8.79	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-98	10	WP26-SV-0098-0010	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	25	WP26-SV-0098-0025	1/13/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	4.64	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	25	WP26-SV-0098-0025-99	1/13/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	5.07	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0098-0050	1/13/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	5.07	<3.6	<2.9	8.6	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0098-0075	1/13/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	4.2	<3.6	<2.9	23.8	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0098-0100	1/13/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	4.2	<3.6	<2.9	36.6	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-99	10	WP26-SV-0099-0010	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	25	WP26-SV-0099-0025	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0099-0050	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	12.27	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0099-0075	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0099-0100	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	38.45	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	125	WP26-SV-0099-0125	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	60.42	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	125	WP26-SV-0099-0125-99	1/11/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	71.41	<3.6	<3.6	<4.9	5.45	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-100	25	WP26-SV-0100-0025	1/12/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	4.43	<9.5
	50	WP26-SV-0100-0050	1/12/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	8.12	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0100-0075	1/12/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	5.24	<9.5
	100	WP26-SV-0100-0100	1/12/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	13.3	<9.5
	111	WP26-SV-0100-0111	1/12/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	4.83	<9.5
	111	WP26-SV-0100-0111-99	1/12/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	5.44	<9.5
SV-101	10	WP26-SV-0101-0010	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	25	WP26-SV-0101-0025	1/14/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0101-0050	1/14/09	2.14	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0101-0075	1/14/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0101-0100	1/14/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	6.04	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	127	WP26-SV-0101-0127	1/14/09	2.89	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	18.3	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-102	25	WP26-SV-0102-0025	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0102-0050	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0102-0075	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	5.49	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0102-0075-99	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	6.04	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	94	WP26-SV-0102-0094	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	5.13	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-103	25	WP26-SV-0103-0025	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0103-0050	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0103-0075	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	8.61	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	106	WP26-SV-0103-0106	1/19/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	20.1	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-104	25	WP26-SV-0104-0025	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0104-0050	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0104-0075	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	94	WP26-SV-0104-0094	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	5.31	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	94	WP26-SV-0104-0094-99	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	5.49	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-105	25	WP26-SV-0105-0025	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0105-0050	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	7.87	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0105-0075	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	25.6	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0105-0100	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	40.3	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5

Table 2-9. 2009 RFI Soil Vapor Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 2 of 4)

Sample Location	Depth (ft bgs)	Sample ID	Date	Methylene chloride	Trichlorofluoromethane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Benzene	Ethylbenzene	Toluene	Xylenes, Total	Methyl tert-butyl ether (MtBE)	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Isopropylbenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	4-Isopropyltoluene	2-Butanone (MEK)	Methyl isobutyl keytone (4-Methyl-2-pentanone)	2-Hexanone	Acetone	Carbon Disulfide	Styrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
				All concentrations in parts per billion by volume (ppbv)																																
SV-96	25	WP26-SV-0096-0025	1/9/2009	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	40	<9.6	<9.6	78.6	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0096-0050	1/9/2009	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	36.7	<9.6	<9.6	53.8	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0096-0075	1/9/2009	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	56.7	<9.6	<9.6	115.9	<12.6	<4.6	<7.2	<7.5	<7.5
SV-97	25	WP26-SV-0097-0025	1/11/09	8.77	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	76.7	<9.6	<9.6	91.1	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0097-0050	1/11/09	6.23	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	6	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	56.7	<9.6	<9.6	115.9	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0097-0075	1/11/09	6.79	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	6	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	70.0	<9.6	<9.6	153.1	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0097-0100	1/11/09	6.51	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	5.48	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	50.0	<9.6	<9.6	95.2	<12.6	<4.6	<7.2	<7.5	<7.5
SV-98	10	WP26-SV-0098-0010	2/2/09	15.85	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	63.3	<9.6	<9.6	74.5	<12.6	<4.6	<7.2	<7.5	<7.5
	25	WP26-SV-0098-0025	1/13/09	11.3	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	5.21	19.8	19.9	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	3.58	66.7	<9.6	<9.6	78.6	<12.6	<4.6	<7.2	<7.5	<7.5
	25	WP26-SV-0098-0025-99	1/13/09	20.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	6.34	23.2	29.4	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	5.37	60.0	<9.6	<9.6	57.9	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0098-0050	1/13/09	27.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	5.21	15.7	20.2	<5.5	4.4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	83.3	<9.6	<9.6	215.2	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0098-0075	1/13/09	22.4	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	15.1	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	86.7	<9.6	<9.6	186.2	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0098-0100	1/13/09	17.5	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	11.5	18.3	<5.5	6.2	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	367	12.7	<9.6	993.3	<12.6	<4.6	<7.2	<7.5	<7.5
SV-99	10	WP26-SV-0099-0010	2/2/09	16.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	76.7	<9.6	<9.6	95.19	<12.6	<4.6	<7.2	<7.5	<7.5
	25	WP26-SV-0099-0025	1/11/09	7.64	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	50.0	<9.6	<9.6	103.5	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0099-0050	1/11/09	8.49	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	66.7	<9.6	<9.6	103.5	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0099-0075	1/11/09	7.92	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	60.0	<9.6	<9.6	115.9	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0099-0100	1/11/09	9.62	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	76.7	<9.6	<9.6	202.8	<12.6	<4.6	<7.2	<7.5	<7.5
	125	WP26-SV-0099-0125	1/11/09	6.79	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	46.7	<9.6	<9.6	70.36	<12.6	<4.6	<7.2	<7.5	<7.5
	125	WP26-SV-0099-0125-99	1/11/09	8.49	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	46.7	<9.6	<9.6	70.36	<12.6	<4.6	<7.2	<7.5	<7.5
SV-100	25	WP26-SV-0100-0025	1/12/09	12.45	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	9.91	<13.6	<5.5	3.2	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	99.3	<9.6	<9.6	182.1	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0100-0050	1/12/09	73.6	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	12.0	6.79	41.7	29.4	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	76.7	<9.6	<9.6	165.6	47.4	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0100-0075	1/12/09	11.9	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	80.0	<9.6	<9.6	165.6	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0100-0100	1/12/09	19.5	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	14.9	13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	100.0	<9.6	<9.6	161.4	17.7	<4.6	<7.2	<7.5	<7.5
	111	WP26-SV-0100-0111	1/12/09	11.0	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	6.0	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	60.0	<9.6	<9.6	140.7	<12.6	<4.6	<7.2	<7.5	<7.5
	111	WP26-SV-0100-0111-99	1/12/09	11.0	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	6.0	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	70.0	<9.6	<9.6	169.7	<12.6	<4.6	<7.2	<7.5	<7.5
SV-101	10	WP26-SV-0101-0010	2/2/09	17	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	70.0	<9.6	<9.6	132.4	<12.6	<4.6	<7.2	<7.5	<7.5
	25	WP26-SV-0101-0025	1/14/09	11.6J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	70.0	<9.6	<9.6	91.05	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0101-0050	1/14/09	15.8J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	6.78	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	76.7	<9.6	<9.6	149.0	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0101-0075	1/14/09	10.75J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	83.3	<9.6	<9.6	149.0	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0101-0100	1/14/09	11J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	66.7	<9.6	<9.6	99.3	<12.6	<4.6	<7.2	<7.5	<7.5
	127	WP26-SV-0101-0127	1/14/09	12.7J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	100	<9.6	<9.6	<8.3	<12.6	<4.6	<7.2	<7.5	<7.5
SV-102	25	WP26-SV-0102-0025	1/19/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	137	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	203	<9.6	<9.6	207	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0102-0050	1/19/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	298	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	243	<9.6	<9.6	207J	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0102-0075	1/19/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	517	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	133	<9.6	<9.6	166	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0102-0075-99	1/19/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	696	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	147	<9.6	<9.6	82.8	<12.6	<4.6	<7.2	<7.5	<7.5
	94	WP26-SV-0102-0094	1/19/09	7.08	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	537	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	90.0	<9.6	<9.6	128	<12.6	<4.6	<7.2	<7.5	<7.5
SV-103	25	WP26-SV-0103-0025	1/19/09	7.08	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	537	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	103.3	<9.6	<9.6	169.7	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0103-0050	1/19/09	7.08	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	86.7	<9.6	<9.6	136.6	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0103-0075	1/19/09	8.77	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	170	<9.6	<9.6	219.4	<12.6	<4.6	<7.2	<7.5	<7.5
	106	WP26-SV-0103-0106	1/19/09	7.64	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	136.7	<9.6	<9.6	169.7	<12.6	<4.6	<7.2	<7.5	<7.5
SV-104	25	WP26-SV-0104-0025	1/26/09	<25	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<330	<9.6	<9.6	<300	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0104-0050	1/26/09	<25	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	400	<9.6	<9.6	<350	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0104-0075	1/26/09	22.6	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	7.04	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	36.7	<9.6	<9.6	124.2	<12.6	<4.6	<7.2	<7.5	<7.5
	94	WP26-SV-0104-0094	1/26/09	18.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	5.74	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	33.3	<9.6	<9.6	107.6	<12.6	<4.6	<7.2	<7.5	<7.5
	94	WP26-SV-0104-0094-99	1/26/09	17.5	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	6.78	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	50.0	<9.6	<9.6	111.7	<12.6	<4.6	<7.2	<7.5	<7.5
SV-105	25	WP26-SV-0105-0025	2/2/09	16.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	633	<9.6	9.84	302.1	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0105-0050	2/2/09	14.2	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	533	<9.6	<9.6	298	50.5	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0105-0075	2/2/09	6.79	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	333	<9.6	<9.6	206.9	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0105-0100	2/2/09	13	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	197	<9.6	<9.6	99.3	<12.6	<4.6	<7.2	<7.5	<7.5

Table 2-9. 2009 RFI Soil Vapor Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 3 of 4)

Sample Location	Depth (ft bgs)	Sample ID	Date	Hexachlorobutadiene	1,2,4-Trichlorobenzene (1,2,4-TCB)	1,2,3-Trichlorobenzene (1,2,3-DCB)	1,2-Dichlorobenzene (1,2-DCB)	1,3-Dichlorobenzene (1,3-DCB)	1,4-Dichlorobenzene (1,4-DCB)	2-Chlorotoluene	4-Chlorotoluene	1,2,3-Trichloropropane (1,2,3-TCP)	1,1-Dichloropropene (1,1-DCP)	1,2-Dichloropropane (1,2,DCP)	1,3-Dichloropropane (1,3-DCP)	cis-1,3-Dichloropropene (cis-1,3-DCP)	trans-1,3-Dichloropropene (trans-1,3-DCP)	2,2-Dichloropropane (2,2-DCP)	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane (1,1,1,2-TCA)	1,1,2,2-Tetrachloroethane (1,1,2,2-TCA)	Trichloroethene (TCE)	1,1,1-Trichloroethane (1,1,1-TCA)	1,1,2-Trichloroethane (1,1,2-TCA)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichloroethane (1,2-DCA) [EDC]	cis-1,2-Dichloroethene (cis-1,2-DCE)	trans-1,2-Dichloroethene (trans-1,2-DCE)	Vinyl chloride (VC)	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
				All concentrations in parts per billion by volume (ppbv)																															
SV-106	25	WP26-SV-0106-0025	1/28/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0106-0050	1/28/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0106-0075	1/28/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0106-0100	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	127	WP26-SV-0106-0127	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	127	WP26-SV-0106-0127-99	1/26/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-107	25	WP26-SV-0107-0025	1/29/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0107-0050	1/29/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0107-0075	1/29/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0107-0100	1/29/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	129	WP26-SV-0107-0129	1/29/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	8.79 J	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-108	25	WP26-SV-0108-0025	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0108-0050	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0108-0075	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0108-0100	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	114	WP26-SV-0108-0114	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	114	WP26-SV-0108-0114-99	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-109	25	WP26-SV-0109-0025	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0109-0050	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0109-0075	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0109-0100	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-110	25	WP26-SV-0110-0025	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	50	WP26-SV-0110-0050	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	75	WP26-SV-0110-0075	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	100	WP26-SV-0110-0100	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	125	WP26-SV-0110-0125	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	125	WP26-SV-0110-0125-99	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-111	150	WP26-SV-0111-0150	2/16/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	23.8	<3.6	<3.6	6.07	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	165	WP26-SV-0111-0165	2/16/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	45.8	<3.6	<3.6	23.3	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	184	WP26-SV-0111-0184	2/16/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	97.0	<3.6	<3.6	199.2	5.95	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	184	WP26-SV-0111-0184-99	2/16/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	97.0	<3.6	<3.6	201.6	6.69	<4.9	5.2	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
SV-112	150	WP26-SV-0112-0150	2/16/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	13.9	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	175	WP26-SV-0112-0175	2/16/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	17.4	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
	205	WP26-SV-0112-0205	2/16/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	15.9 J	<3.6	<2.9	476	<3.6	<3.6	80.2	59.5	<4.9	101.7	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
KAFB-2606	10	WP26-KAFB-2606-0010	2/2/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	5.68	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
KAFB-2607	215	WP26-SV-2627-0215	4/14/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	87.9	<3.6	<3.6	<4.9	5.59	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
KAFB-2623	200	WP26-SV-2623-200-2	1/29/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5
KAFB-0504	470	WP26-SV-0504-0470-2	1/27/09	<1.9	<2.7	<2.7	<3.3	<3.3	<3.3	<4.3	<4.3	<3.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<2.9	<3.6	<2.9	<3.7	<3.6	<3.6	<4.9	<4.9	<4.9	<5	<5.2	<7.7	<3.1	<4.3	<7.5	<4	<9.5

Table 2-9. 2009 RFI Soil Vapor Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 4 of 4)

Sample Location	Depth (ft bgs)	Sample ID	Date	Methylene chloride	Trichlorofluoromethane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Benzene	Ethylbenzene	Toluene	Xylenes, Total	Methyl tert-butyl ether (MtBE)	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Isopropylbenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	n-Propylbenzene	4-Isopropyltoluene	2-Butanone (MEK)	Methyl isobutyl keytone (4-Methyl-2-pentanone)	2-Hexanone	Acetone	Carbon Disulfide	Styrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
				All concentrations in parts per billion by volume (ppbv)																																
SV-106	25	WP26-SV-0106-0025	1/28/09	6.51J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	107	<9.6	<9.6	173.8	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0106-0050	1/28/09	6.23J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	75.7	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	76.7	<9.6	<9.6	169.7	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0106-0075	1/28/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<13.3	<9.6	<9.6	202.8	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0106-0100	1/26/09	<30	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	5.48	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<50	<9.6	<9.6	<230	<12.6	<4.6	<7.2	<7.5	<7.5
	127	WP26-SV-0106-0127	1/26/09	<30	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<40	<9.6	<9.6	223.5	<12.6	<4.6	<7.2	<7.5	<7.5
	127	WP26-SV-0106-0127-99	1/26/09	<30	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<50	<9.6	<9.6	<230	<12.6	<4.6	<7.2	<7.5	<7.5
SV-107	25	WP26-SV-0107-0025	1/29/09	15.3J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	76.7	<9.6	<9.6	137	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0107-0050	1/29/09	19.0J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	5.48	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	90.0	<9.6	<9.6	290	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0107-0075	1/29/09	20.1J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	7.39J	<4.5	11.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	270	<9.6	<9.6	286	66.3	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0107-0100	1/29/09	12.7J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	16.4	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	163	<9.6	<9.6	302	25.0	<4.6	<7.2	<7.5	<7.5
	129	WP26-SV-0107-0129	1/29/09	13.6J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	193	<9.6	<9.6	178	<12.6	<4.6	<7.2	<7.5	<7.5
SV-108	25	WP26-SV-0108-0025	2/2/09	12.5	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	567	<9.6	13.4	232	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0108-0050	2/2/09	12.2	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	6.78	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	733	<9.6	11.0	286	47.4	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0108-0075	2/2/09	11.9	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	8.09	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	767	<9.6	15.1	348	27.2	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0108-0100	2/2/09	13.9	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	8.09	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	667	<9.6	16.3	356	53.7	<4.6	<7.2	<7.5	<7.5
	114	WP26-SV-0108-0114	2/2/09	12.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	5.48	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	243	<9.6	<9.6	149	19.9	<4.6	<7.2	<7.5	<7.5
	114	WP26-SV-0108-0114-99	2/2/09	5.94	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	5.74	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	187	<9.6	<9.6	137	27.2	<4.6	<7.2	<7.5	<7.5
SV-109	25	WP26-SV-0109-0025	2/2/09	14.4	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	533	<9.6	10.3	199	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0109-0050	2/2/09	12.2	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	467	<9.6	10.3	298	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0109-0075	2/2/09	11.9	9.27	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	327	<9.6	<9.6	277	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0109-0100	2/2/09	12.2	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	333	<9.6	<9.6	203	<12.6	<4.6	<7.2	<7.5	<7.5
SV-110	25	WP26-SV-0110-0025	2/2/09	16.1	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	29.7	<9.6	<9.6	57.9	<12.6	<4.6	<7.2	<7.5	<7.5
	50	WP26-SV-0110-0050	2/2/09	15.8	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	197	<9.6	<9.6	149	<12.6	<4.6	<7.2	<7.5	<7.5
	75	WP26-SV-0110-0075	2/2/09	18.1	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	183	<9.6	<9.6	170	<12.6	<4.6	<7.2	<7.5	<7.5
	100	WP26-SV-0110-0100	2/2/09	17.0	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	143	<9.6	<9.6	78.6	<12.6	<4.6	<7.2	<7.5	<7.5
	125	WP26-SV-0110-0125	2/2/09	19.2	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	137	<9.6	<9.6	174	<12.6	<4.6	<7.2	<7.5	<7.5
	125	WP26-SV-0110-0125-99	2/2/09	9.90	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	113	<9.6	<9.6	149	<12.6	<4.6	<7.2	<7.5	<7.5
SV-111	150	WP26-SV-0111-0150	2/16/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	5.43	287J	27.17	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<13.3	<9.6	<9.6	<8.3	56.9	<4.6	<7.2	<7.5	<7.5
	165	WP26-SV-0111-0165	2/16/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	219J	13.81	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	50	<9.6	<9.6	136.6	<12.6	<4.6	<7.2	<7.5	<7.5
	184	WP26-SV-0111-0184	2/16/09	7.92	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	209J	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<13.3	<9.6	<9.6	107.6	31.6	<4.6	<7.2	<7.5	<7.5
	184	WP26-SV-0111-0184-99	2/16/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	211J	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	<13.3	<9.6	<9.6	124.2	30.6	<4.6	<7.2	<7.5	<7.5
SV-112	150	WP26-SV-0112-0150	2/16/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	2491	8087J	14717	<5.5	<4	<4	74	<3.6	<3.6	<3.6	5.8	<3.6	83.3	<9.6	<9.6	952	<12.6	<4.6	<7.2	<7.5	<7.5
	175	WP26-SV-0112-0175	2/16/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	2174	7304J	13132	<5.5	8	<4	64	<3.6	<3.6	<3.6	<4	<3.6	103	<9.6	<9.6	1407	20.5	<4.6	<7.2	<7.5	<7.5
	205	WP26-SV-0112-0205	2/16/09	<5.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	6.77J	1879	6782J	10641	<5.5	4.8	<4	46	<3.6	<3.6	<3.6	<4	<3.6	32.0	<9.6	<9.6	1076	<12.6	<4.6	<7.2	<7.5	<7.5
KAFB-2606	10	WP26-KAFB-2606-0010	2/2/09	14.7	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	63.3	<9.6	<9.6	82.8	<12.6	<4.6	<7.2	<7.5	<7.5
KAFB-2607	215	WP26-SV-2627-0215	4/14/09	<7.4	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	<5.2	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	18.3	<9.6	<9.6	<87	<12.6	<4.6	<7.2	<7.5	<7.5
KAFB-2623	200	WP26-SV-2623-200-2	1/29/09	12.7J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	261	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	20.7	<9.6	<9.6	124	<12.6	<4.6	<7.2	<7.5	<7.5
KAFB-0504	470	WP26-SV-0504-0470-2	1/27/09	13.9J	<3.5	<3.2	<4.5	<2.9	<2.9	<4	<5.1	<2.5	<2.6	<2.2	<6.2	<4.5	19.0	<13.6	<5.5	<4	<4	<4	<3.6	<3.6	<3.6	<4	<3.6	20.6	<9.6	<9.6	149	<12.6	<4.6	<7.2	<7.5	<7.5

ft bgs feet below ground surface
ID identifier
KAFB Kirtland Air Force Base
SV soil vapor
Shaded indicates positive analytical detection
J Data are estimated due to associated quality control data
< Analytes not detected are presented as less than the analytical reporting limit reported by the laboratory

2.3.1.2 Soil Vapor Statistics

This evaluation of soil vapor contamination in the SWMU WP-26 area is based on historic data collected in 2002 and 2003, from the 2006 RFI (USAF, 2007b), and the newly acquired data from the 2009 RFI. During these investigations a great deal of data was generated on soil vapor VOC concentrations both within the former sewage lagoons (2002 and 2003 investigation and 2006 RFI) and the areas surrounding the lagoons (2009 RFI). In order to simplify the discussion of soil vapor VOC contamination, a simple statistical analysis was performed on all vapor data to determine a selection of compounds to represent the site. The discussion of nature and extent of contamination is focused primarily on selected compounds which were detected most frequently.

The VOC data presented in the 2006 RFI report and collected in the 2009 RFI are of sufficient quality and comparability for statistical evaluation of the combined data set. The vapor points were constructed by similar methods and samples were collected in a similar manner between the two investigations. The laboratory method for VOC analyses varied between the two investigations; method TO-14 was used during the 2006 investigation while method SW-846 8260B modified for vapor analysis was utilized during the 2009 investigation. Additionally, the analyte lists from investigations varied slightly.

Statistical calculations were performed for the soil vapor analytical results. The great majority of this data is for VOC analysis. Early samples in 2002 and 2003 were also analyzed for TPH-gasoline and for fixed gasses. Methane, carbon dioxide, and TPH results were all non detect and oxygen and carbon dioxide concentrations data were similar to atmospheric concentrations. VOC data are of primary concern for the statistical evaluation, as they can help determine the primary COPCs for soil vapor at SWMU WP-26 (Table 2-10 and Table 2-11).

Summary statistics were calculated for the 38 compounds that were positively detected in the validated data sets. A total of 31 VOCs were not detected in any of the soil vapor samples and were not included in the statistical analysis. A majority of detected compounds were detected infrequently at low concentrations. The following VOCs were detected in greater than 5 percent of samples and with maximum detections greater than 10 ppbv:

- Petroleum related compounds: benzene, ethylbenzene, toluene, xylenes, 1,2,4-trimethylbenzene, 2-hexanone, and methyl tert-butyl ether (MtBE);
- Biodegradation products of petroleum hydrocarbons: acetone, 2-butanone, MEK, and carbon disulfide;
- Chlorinated VOCs: TCE, PCE, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, chloroform, and methylene chloride; and
- CFCs: trichlorofluoromethane and Freon-12.

The statistics in Table 2-11 indicate that although 38 VOCs were detected, few of the detected compounds indicate significant contamination. Forty nine compounds were either not detected or were detected in less than five percent of samples. When chemicals are infrequently detected, statistical values such as maximum and mean (average or arithmetic mean) are not necessarily indicative of overall site conditions. Therefore a median calculation was included in order to determine if mean concentrations are significantly skewed by a small minority of data reported at relatively high concentrations. Note that all mean and median calculations were performed with nondetect data included as half the reporting limit.

Table 2-10. Summary Statistics of Detected Soil Vapor Analytes for Solid Waste Management Unit WP-26, Sewage Lagoons

Analysis (units) Method	Analyte	Maximum Detected Concentration	Total Number of Analyses	Number of Validated Detections	Percent Valid Detections [a]	Median Concentration [b]	Mean Concentration [c]
Fixed Gasses (A2720) percent by volume	Carbon Dioxide	0.34 J	8	4	50	0.26	0.55
	Nitrogen	78.0	8	8	100	77.9	77.9
	Oxygen	22.1	8	8	100	22.0	21.96
VOCs (ppbv) 8620B or TO-14	1,1,1-Trichloroethane	1.5 F	202	16	7.92	1.5	1.468
	1,1,2-Trichloro-1,2,2-trifluoroethane	4.2	108	56	51.85	1.2	1.36
	1,1-Dichloroethane (1,1-DCA)	580	202	86	42.57	2.45	38.01
	1,1-Dichloroethene (1,1-DCE)	59.5	202	56	27.72	2.45	2.73
	1,2,4-Trichlorobenzene	1.5 F	202	2	0.99	1.35	1.274
	1,2,4-Trimethylbenzene	31.9	202	61	30.20	1.5	1.70
	1,2-Dichloropropane	0.47 F	202	3	1.49	1.5	1.638
	1,3,5-Trimethylbenzene	21	202	9	4.46	1.53	1.73
	1,3-Dichlorobenzene	1.4 F	202	6	2.97	1.5	1.40
	1,4-Dichlorobenzene	0.47 F	202	1	0.50	1.5	1.41
	2-Butanone (MEK)	2400	194	165	85.05	7.3	83.3
	2-Hexanone	34	194	15	7.73	4.9	5.93
	4-Isopropyltoluene	5.37	94	2	2.13	1.8	1.86
	Acetone	1407	194	185	95.36	100	139.96
	Benzene	66	202	58	28.71	3.1	3.84
	Carbon disulfide	69	194	90	46.39	6.3	10.41
	Chloroform	13.3	202	26	12.87	1.71	1.76
	cis-1,2-Dichloroethene (cis-1,2-DCE)	101.7	202	35	17.33	2.5	2.74
	Dichlorodifluoromethane (Freon-12)	695.8	202	74	36.63	1.1	11.87
	Ethylbenzene	2491	202	37	18.3	1.93	14.23
	Hexachlorobutadiene	2.89	194	2	1.03	0.95	1.11
	Isopropylbenzene	74	94	3	3.19	2	3.89
	m,p-Xylenes	75.8	108	71	65.74	1.3	2.07
	Methyl isobutyl ketone (4-Methyl-2-pentanone)	29	194	5	2.58	4.8	5.67
	Methyl tert-butyl ether (MtBE)	54	194	64	32.99	2.75	6.05
	Methylene chloride	73.6	202	98	48.51	2.85	7.03
	n-Propylbenzene	5.8	94	1	1.06	2	2.04
	o-Xylenes	47	108	34	31.48	1.25	1.86
	Styrene	1.6 F	202	8	3.96	1.5	1.70
	Tetrachloroethene (PCE)	15.9	202	30	14.85	1.45	1.5
	Toluene	8087	202	147	72.77	5.61	136.10
	Trichloroethene (TCE)	476	202	123	60.89	1.85	16.49
	Trichlorofluoromethane	1800	202	34	16.83	1.75	22.93
	Vinyl chloride (VC)	0.57 J	202	1	0.50	1.5	2.43
	Xylenes, Total	14717	94	11	11.70	6.8	417.30

[a] Percent Valid Detection is percent of positive validated detections relative to total analyses.
[b] Median concentration is the statistical median calculated using half the reporting limit values for non detect results.
[c] Mean concentration is the average concentration calculated using half the reporting limit values for non detect results.
F Analyte was positively identified but the reported concentration is estimated; reported concentration is less that the reporting limit, but greater than the method detection limit.
J Data are estimated due to associated quality control data.
ppbv parts per billion by volume

Table 2-11. Summary Statistics by Depth of Detected Soil Vapor Analytes for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 1 of 2)

Depth (ft bgs)	Statistic [a]	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2,4-Trimethylbenzene	2-Butanone (MEK)	2-Hexanone	Acetone	Benzene	Carbon disulfide	Chloroform	cis-1,2-Dichloroethene (cis-1,2-DCE)	Dichlorodifluoromethane (Freon-12)	Ethylbenzene	Hexachlorobutadiene	m,p-Xylenes	Methyl tert-butyl ether (MtBE)	Methylene chloride	o-Xylenes	Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	Trichlorofluoromethane	Xylenes, Total
10	Minimum Detected Concentration				63.3		74.5										14.7				5.68		
	Maximum Detected Concentration				76.7		132.4										17				5.68		
	Location of Maximum				SV-99		SV-101										SV-101				KAFB-2606		
	Mean[b] Concentration				68.3		96.22										16.06				5.68		
	Median[c] Concentration				66.7		89										16.3				5.68		
	Number of Analyses	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Number of Detections	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0
25	Minimum Detected Concentration	0.86		0.52	1.1	9.84	9.7	0.75	0.54	0.52		0.57	0.64		0.7	0.84	6.51	0.47	0.65	1.6	0.58	2	19.9
	Maximum Detected Concentration	38		3.2	633.4	13.4	390	1.9	38	4.43		137.2	6.34		2.2	12	20.7	1	5.07	38	21	1800	29.4
	Location of Maximum	KAFB-2605		SV-100	SV-105	SV-108	KAFB-2612	KAFB-2611	KAFB-2611	SV-100		SV-102	SV-98		KAFB-2619	KAFB-2613	SV-98	KAFB-2619	SV-98	KAFB-2609	KAFB-2606	KAFB-2618	SV-98
	Mean[b] Concentration	4.88		1.47	86.33	6.22	100	2.11	6.29	1.67		5.07	1.89		1.33	3.98	5.95	1.15	1.54	7.11	2.47	54.47	9.03
	Median[c] Concentration	2.45		1.4	7	6	67	1.7	6.3	1.45		1.1	1.4		1.325	2.75	1.45	1.25	1.425	2.6	1.85	1.75	6.8
	Number of Analyses	34	34	34	34	34	34	34	34	34	34	34	34	34	18	34	34	18	34	34	34	34	16
	Number of Detections	12	0	13	29	3	33	4	13	2	0	8	6	0	13	11	13	5	3	21	11	3	2
50	Minimum Detected Concentration	4	0.821	0.57	0.56	10.3	22	0.8	0.63	0.76	1.1	0.53	1.3	2.14	0.51	3.4	2.6	0.55	0.71	1.5	0.69	4.3	20.2
	Maximum Detected Concentration	170	1.7	4.4	733.4	34	470	12	69	1.6	1.1	298.2	6.79	2.14	2.8	28	73.6	1.3	8.12	75.7	50	920	29.4
	Location of Maximum	KAFB-2607	KAFB-2607	SV-98	SV-108	KAFB-2609	KAFB-2612	SV-100	KAFB-2611	KAFB-2613	KAFB-2606	SV-102	SV-100	SV-101	KAFB-2618	KAFB-2605	SV-100	KAFB-2618	SV-100	SV-106	KAFB-2606	KAFB-2618	SV-100
	Mean Concentration	12.83	1.81	1.57	99.53	6.93	132.3	2.45	14.16	1.60	1.84	10.06	1.97	1.15	1.26	6.79	7.93	1.22	1.67	10.75	7.03	29.66	9.20
	Median Concentration	2.45	1.6	1.45	7	6	103.5	2	6.3	1.55	1.45	1.1	1.45	1.15	1.325	2.75	1.55	1.3	1.45	5.48	1.85	1.75	6.8
	Number of Analyses	33	33	33	33	33	33	33	33	33	33	33	33	33	18	33	33	18	33	33	33	33	15
	Number of Detections	13	5	12	28	3	32	5	18	3	1	14	4	1	11	14	13	4	3	25	19	4	2
75	Minimum Detected Concentration	0.8	0.68	0.71	0.57	4.6	14	0.48	0.9	0.59	0.8	0.52	0.49		0.44	1.7	0.52	0.51	0.42	0.98	0.89	0.54	
	Maximum Detected Concentration	260	2.9	1.6	766.7	20	410	7.39	66.3	5.24	2.5	695.8	1.3		2.7	29	22.6	1.2	4.2	44	57	580	
	Location of Maximum	KAFB-2607	KAFB-2605	KAFB-2612	SV-108	KAFB-2609	KAFB-2612	SV-107	SV-107	SV-100	KAFB-2608	SV-102	KAFB-2619		KAFB-2618	KAFB-2606	SV-104	KAFB-2618	SV-98	KAFB-2609	KAFB-2606	KAFB-2618	
	Mean[b] Concentration	29.5	1.99	1.50	82.12	6.26	125.7	2.21	10.61	1.64	1.89	35.61	1.68		1.33	6.82	5.94	1.09	1.35	7.29	10.01	33.87	
	Median[c] Concentration	2.45	2.45	1.6	6.5	5.5	100	1.7	6.3	1.6	2.2	1.1	1.5		1.3	2.75	2.85	1.1	1.45	3.9	4.5	1.75	
	Number of Analyses	35	35	35	35	35	35	35	35	35	35	35	35	35	19	35	35	19	35	35	35	35	16
	Number of Detections	14	12	9	28	3	35	9	17	7	6	16	4	0	10	13	16	7	6	24	23	6	0
100	Minimum Detected Concentration	1.5	0.9	0.45	0.64	16.3	19	0.52	0.55	0.71	0.83	0.47	0.62		0.9	1.2	0.98	0.51	0.5	1.4	1.7	0.51	13.6
	Maximum Detected Concentration	440	4.7	6.2	666.7	16.3	993.3	2.4	53.7	13.3	3.4	536.8	2.3		4	33	19.5	1.6	4.2	30	110	260	18.3
	Location of Maximum	KAFB-2607	KAFB-2613	SV-98	SV-108	SV-108	SV-98	KAFB-2609	SV-108	SV-100	KAFB-2606	SV-102	KAFB-2616		KAFB-2616	KAFB-2615	SV-100	KAFB-2616	SV-98	KAFB-2609	KAFB-2606	KAFB-2618	SV-98
	Mean[b] Concentration	49.67	2.52	1.63	79.60	5.97	153	2.07	12.06	2.02	1.99	17.94	1.75		1.66	7.21	7.85	1.24	1.38	8.97	15.80	9.82	8.02
	Median[c] Concentration	2.45	2.45	1.75	6.5	5.5	99.65	1.95	6.3	2	2.5	1.1	2.075		1.45	2.75	7.36	1.25	1.45	6.34	5.77	1.75	6.8
	Number of Analyses	32	32	32	32	32	32	32	32	32	32	32	32	32	17	32	32	17	32	32	32	32	15
	Number of Detections	13	15	12	29	1	31	10	18	6	9	15	5	0	10	11	20	5	7	24	25	9	2

Table 2-11. Summary Statistics by Depth of Detected Soil Vapor Analytes for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 2 of 2)

Depth (ft bgs)	Statistic [a]	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2,4-Trimethylbenzene	2-Butanone (MEK)	2-Hexanone	Acetone	Benzene	Carbon disulfide	Chloroform	cis-1,2-Dichloroethene (cis-1,2-DCE)	Dichlorodifluoromethane (Freon-12)	Ethylbenzene	Hexachlorobutadiene	m,p-Xylenes	Methyl tert-butyl ether (MtBE)	Methylene chloride	o-Xylenes	Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	Trichlorofluoromethane	Xylenes, Total
125	Minimum Detected Concentration	0.55	1.3	0.55	1		25	0.54	0.52	1.2	0.82	0.51	0.45	2.89	0.69	0.84	2.1	0.62	0.74	0.9	0.75	0.54	
	Maximum Detected Concentration	580	6.6	1.2	243.4		350	2.1	49	5.44	6.8	5.2	1.1	2.89	2.8	54	19.2	0.97	1	170	110	200	
	Location of Maximum	KAFB-2607	KAFB-2608	KAFB-2616	SV-108		KAFB-2617	KAFB-2609	KAFB-2611	SV-100	KAFB-2606	KAFB-2615	KAFB-2618	SV-101	KAFB-2607	KAFB-2617	SV-110	KAFB-2618	KAFB-2613	KAFB-2607	KAFB-2606	KAFB-2618	
	Mean[b] Concentration	101.9	3.36	1.42	42.62		143.8	1.96	10.80	1.91	2.44	1.26	1.60	1.23	1.37	9.14	7.04	1.17	1.32	12.67	17.56	8.15	
	Median[c] Concentration	2.45	2.45	1.35	6.8		140	1.8	6.3	1.5	2.5	1.1	1.35	1.2	1.3	2.75	6.79	1.3	1.45	5.74	3.5	1.6	
	Number of Analyses	31	31	31	31	31	31	31	31	31	31	31	31	31	19	31	31	19	31	31	31	31	12
	Number of Detections	18	16	9	25	0	29	15	18	6	10	13	5	1	11	14	17	5	4	23	22	8	0
150	Minimum Detected Concentration	6.07	4.2	0.61	2.2		2.3	16	0.54	0.5	1.1	0.78	0.78		1.2	0.45		2.9	0.93	29	13.9	0.31	27.17
	Maximum Detected Concentration	290	7.4	0.61	83.3		952	39	56.9	0.5	11	0.78	2491		1.3	0.45		5.8	2.4	8087	79	0.5	14717
	Location of Maximum	KAFB-2621	KAFB-2621	KAFB-2620	SV-112		SV-112	KAFB-2621	SV-111	KAFB-2620	KAFB-2620	KAFB-2621	SV-112		KAFB-2620	KAFB-2621		KAFB-2621	KAFB-2620	SV-112	KAFB-2620	KAFB-2621	KAFB-2620
	Mean[b] Concentration	78.13	4.13	1.34	26.29		256.00	15.30	16.1	1.31	4.28	0.90	626		1.25	1.64		4.35	1.56	2120	33.4	1.08	7372
	Median[c] Concentration	10.04	3.325	1.375	9.8		34	9.55	3.45	1.375	2.5	0.94	3.2		1.25	1.675		4.35	1.45	181	20.4	1.125	7372
	Number of Analyses	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4	4	2	4	4	4	4	2
	Number of Detections	3	2	1	3	0	3	2	2	1	2	1	4	0	2	1	0	2	2	4	4	2	2
175	Minimum Detected Concentration	23.3	11	0.51	8.5	0.82	38	0.55	0.42	1.1	2.1	0.38	0.81		0.97		4.12	0.86	1.4	6.84	0.5	0.48	13.81
	Maximum Detected Concentration	300	18	8.0	103	1	1407	57	20.5	1.1	35	0.75	2174		2.34		17.3	6.5	2.9	7304	150	0.97	13132
	Location of Maximum	KAFB-2621	KAFB-2620	SV-112	SV-112	KAFB-2620	SV-112	KAFB-2620	SV-112	KAFB-2620	KAFB-2620	KAFB-2620	SV-112		KAFB-2602		KAFB-2602	KAFB-2621	KAFB-2620	SV-112	KAFB-2620	KAFB-2621	SV-112
	Mean[b] Concentration	65.58	5.78	2.10	42.55	2.86	407.40	19.32	7.01	1.11	7.14	0.68	364		1.45		5.03	3.64	1.33	1285	40.20	0.95	6573
	Median[c] Concentration	12.875	2.45	0.8	29.35	2.9	92.3	3.135	3.55	0.95	2.3	0.625	1.8		1.25		2.85	3.6	1.425	76	22.2	0.735	6573
	Number of Analyses	6	6	6	4	4	4	6	4	6	6	6	6	4	4	4	6	4	6	6	6	6	2
	Number of Detections	3	2	2	4	2	4	4	2	1	2	2	4	0	3	0	2	3	2	6	5	2	2
200	Minimum Detected Concentration	1.6	1.69	4.8	7.1	2.8	4.4	0.87	30.6		3.09	0.48	1879		0.38		2.01		1.39	1.2	0.9		10641
	Maximum Detected Concentration	201.6	59.5	4.8	32	2.8	1076	47	31.6		101.7	0.6	1879		1.49		28.1		15.9	6782	476		10641
	Location of Maximum	SV-111	SV-112	SV-112	SV-112	KAFB-2620	SV-112	KAFB-2601	SV-111		SV-112	KAFB-2620	SV-112		KAFB-2602		KAFB-2601		KAFB-2601	SV-112	KAFB-2627		SV-112
	Mean[b] Concentration	34.68	6.44	1.65	14.22	4.30	152.88	5.26	9.06		8.29	0.87	119		1.10		7.28		2.13	548.9	61.88		1188
	Median[c] Concentration	2.45	2.45	2.0	13.33	4.8	75.55	3.1	6.3		2.5	0.85	1.75		1		3.7		1.35	36.15	10.68		6.8
	Number of Analyses	16	16	16	12	12	12	16	12	16	16	16	16	12	7	12	16	7	16	16	16	16	9
	Number of Detections	6	7	1	10	1	9	6	2	0	3	4	1	0	3	0	8	0	2	13	9	0	1
245 & 470	Minimum Detected Concentration	0.35		2.3	16	0.71	32	54				0.39	1.6		1.9		13.9	7.5	1.6	19.04	0.78		
	Maximum Detected Concentration	3.2		2.3	2400	2.2	260	66				0.39	1.7		1.9		13.9	9.6	1.6	91	1.1		
	Location of Maximum	KAFB-2621		KAFB-2620	KAFB-2620	KAFB-2620	KAFB-2620	KAFB-2620				KAFB-2620	KAFB-2620		KAFB-2620		KAFB-0504	KAFB-2620	KAFB-2620	KAFB-2620	KAFB-2620		
	Mean[b] Concentration	2.00		1.68	812.20	2.57	147.00	41.03				0.75	1.85		1.90		4.83	8.55	1.27	66.01	1.24		
	Median[c] Concentration	2.45		2	20.6	2.2	149	54				0.75	1.7		1.9		0.33	8.55	1.45	88	1.1		
	Number of Analyses	5	5	5	5	5	5	5	5	5	5	5	5	5	2	5	5	2	5	5	5	5	3
	Number of Detections	2	0	1	5	2	5	2	0	0	0	1	2	0	2	0	3	2	1	5	2	0	0

[a] All concentrations given in parts per billion by volume

[b] Mean concentration is the average concentration calculated using half the reporting limit values for non detect results.

[c] Median concentration is the statistical median calculated using half the reporting limit values for non detect results.

Calculations were not performed for analytes with no valid detections.

ft bgs feet below ground surface

The median calculation is not as sensitive as the mean calculation to statistical outliers. For example 12 of the 69 VOC analytes had median values greater than 2 ppbv (2 ppbv is statistically equivalent to non detect), while 21 of the 69 analytes had average values greater than 2 ppbv. Fifteen compounds were detected frequently (in more than 25 percent of samples) however, median calculations for only nine of these were statistically greater than reporting limits (more than 2 ppbv). Therefore, the statistical information indicates that soil vapor contamination across the site is dominated by few compounds, which are related to chlorinated solvents and petroleum fuels.

Representative COPCs were selected from the detected VOCs for the discussion of nature and extent of soil vapor contamination based on probable sources and frequency of detection. The following representative COPCs were selected:

- Chlorinated VOCs are represented by TCE and 1,1 DCA;
- Petroleum compounds are represented by benzene, toluene, ethylbenzene, and xylenes (BTEX); and
- Petroleum biodegradation compounds are represented by MEK and acetone.

Trichloroethene and 1,1, DCA were selected as the representative soil vapor COPCs for chlorinated VOCs because these chemicals are detected frequently and across much of the investigation area. TCE is present in perched groundwater at concentrations greater than the MCL. 1,1,-DCA was historically identified as a soil vapor COPC though it occurred in a limited number of the 2009 soil vapor samples. The BTEX compounds and benzene specifically were selected as the representative soil vapor COPCs for petroleum contamination. The BTEX compounds are detected frequently across the site. Petroleum biodegradation compounds acetone and MEK (Hazardous Substance Database [HSDB], 2009) are detected in 95 percent and 85 percent of soil vapor samples, respectively. In addition, CFC compounds are also detected with significant frequency. A discussion of the nature and extent of trichlorofluoromethane and Freon-12 is presented for completeness.

2.3.1.3 Horizontal and Vertical Extent of Soil Vapor Contamination

Highest concentrations of soil vapor contamination at SWMU WP-26 are present laterally beyond the boundaries of the former sewage lagoon, primarily to the northeast and west. Highest contaminant concentrations for all categories of VOC contaminants are typically detected at depths near the perched groundwater. This is consistent with continued volatilization of contaminants from perched groundwater to the vadose zone above.

In Table 2-11, statistical summaries of VOC contamination are performed by depth. This data clearly indicates that contaminant concentrations increase with depth for the most commonly detected contaminants. This pattern is evident across the investigation area. For example, median total xylene concentrations increase from 6.8 ppbv at 25 feet bgs, to greater than 5,000 ppbv at depths between 150 and 200 feet bgs. Median TCE concentrations increase from 1.85 ppbv at 25 ft bgs to 22.2 ppbv at 175 feet bgs. Highest concentrations of primary COPCs are typically found at depths near the perched groundwater zone. Concentrations at the 25 ft interval are typically the lowest.

The horizontal extent of soil vapor COPCs is greatest to the northeast and directly adjacent to the western side of the former lagoons. All soil vapor contamination is well bounded to the west and northwest by vapor points SV-110, SV-96, and SV-104. Chlorinated and petroleum VOC contamination is relatively well bounded to the south by soil vapor points KAFB-2618, SV-109 and SV-102. Methylene chloride and CFCs (Freon 12 and trichlorofluoromethane) are detected to the south. All soil vapor contamination

is relatively bounded to the east by soil vapor points KAFB-2619 and SV-100. COPC contamination is poorly bounded to the northeast, where TCE and BTEX are detected at high concentrations at depth in vapor points SV-107, SV-112, SV-108 and SV-99. The perched groundwater is not present in this area as indicated by dry wells KAFB-2623 and KAFB-2627, however detected contamination is believed to occur in this area as result of volatilization of historic perched groundwater and residual contamination present in the clay below the perched groundwater. The extent of horizontal and vertical soil vapor contaminants is depicted in Figures 2-2 through 2-21 and described as follows:

- Figures 2-2 through 2-6 show TCE concentrations at 25, 50, 75, 100, and greater than 115 ft bgs;
- Figures 2-7 through 2-11 show 1,1-DCA concentrations at 25, 50, 75, 100, and greater than 115 ft bgs;
- Figures 2-12 through 2-16 show BTEX concentrations at 25, 50, 75, 100, and greater than 115 ft bgs; and
- Figures 2-17 through 2-21 show acetone and MEK concentrations at 25, 50, 75, 100, and greater than 115 ft bgs. Contours for MEK are shown on Figures 2-17 though 2-20; contours for acetone are not included on the figures.

Concentrations contours are not included on Figures 2-6, 2-11, 2-16, and 2-21 because these figures provide VOC concentrations for more than one sample depth.

Chlorinated Solvents: TCE occurs at 25 ft bgs along the western side of the former sewage lagoons (Figure 2-2). The TCE concentrations increase at 50, 75, and 100 ft bgs and expand to the northern and southern ends of the former sewage lagoons (Figures 2-3 through 2-5). TCE concentrations are highest near the perched groundwater and within the clay perching layer as measured in soil vapor samples collected from soil vapor monitoring points KAFB-2620 and SV-112. TCE concentrations tend to be lower directly beneath the former sewage lagoons at all depths. 1,1-DCA occurs in a bulls-eye pattern within the former sewage lagoons at all sampling depths (Figures 2-7 through 2-10). Concentrations of 1,1-DCA increase with depth and are highest near the perched groundwater as measured in soil vapor monitoring points KAFB-2621 and SV-111 (Figure 2-11).

Petroleum Hydrocarbons: BTEX concentrations occur at 25 ft bgs on the western side and through the center of the former sewage lagoons (Figure 2-12). At 50 ft bgs, BTEX increase slightly and occur in more isolated locations at soil vapor monitoring points SV-98, SV-100, SV-106, and KAFB-2609 (Figure 2-13). BTEX concentrations decrease at 75 ft bgs and occur primarily in soil vapor monitoring points KAFB-2608 and KAFB-2609 (Figure 2-14). BTEX concentrations expand latterly at 100 ft bgs but do not increase (Figure 2-15). BTEX concentrations are greatest in soil vapor monitoring points near the perched groundwater and from within the clay perching layer. The highest detected BTEX concentrations occur in soil vapor monitoring point SV-112 located northeast of the former sewage lagoons (Figure 2-16).

Petroleum Biodegradation Products: Acetone and MEK occur at elevated concentrations around the outside perimeter of the former sewage lagoons (Figures 2-17 through 2-21). Concentrations of these compounds increase with distance from the sewage lagoons indicating that biodegradation has occurred around the perimeter of contamination. The acetone and MEK vapor concentrations increase slightly with depth. The highest concentrations of acetone occur at soil vapor monitoring point SV-112 at 175 ft bgs while the highest concentrations of MEK occur at SV-108 at 75 ft bgs.

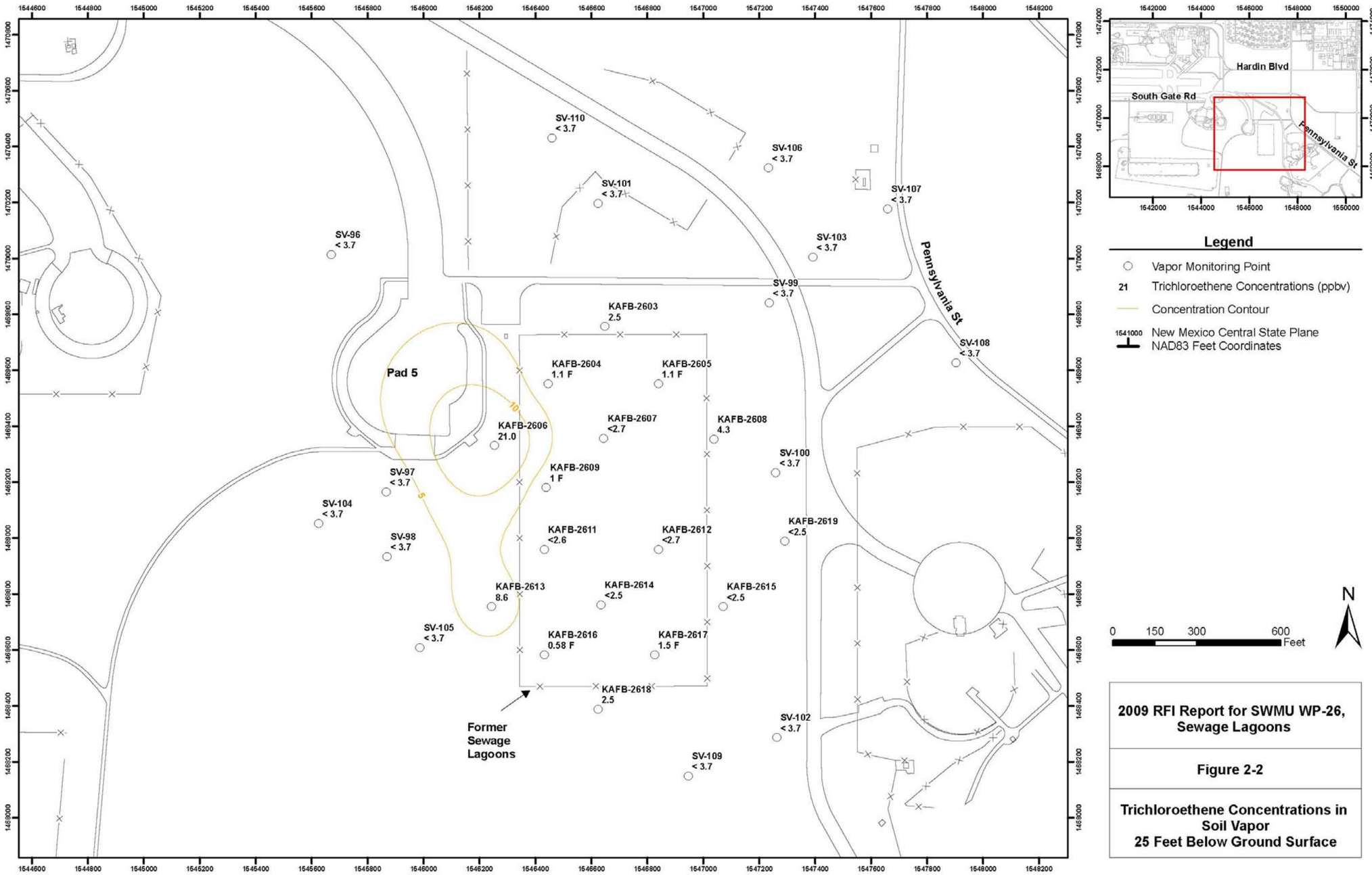


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Figure 2-2

Trichloroethene Concentrations in Soil Vapor 25 Feet Below Ground Surface

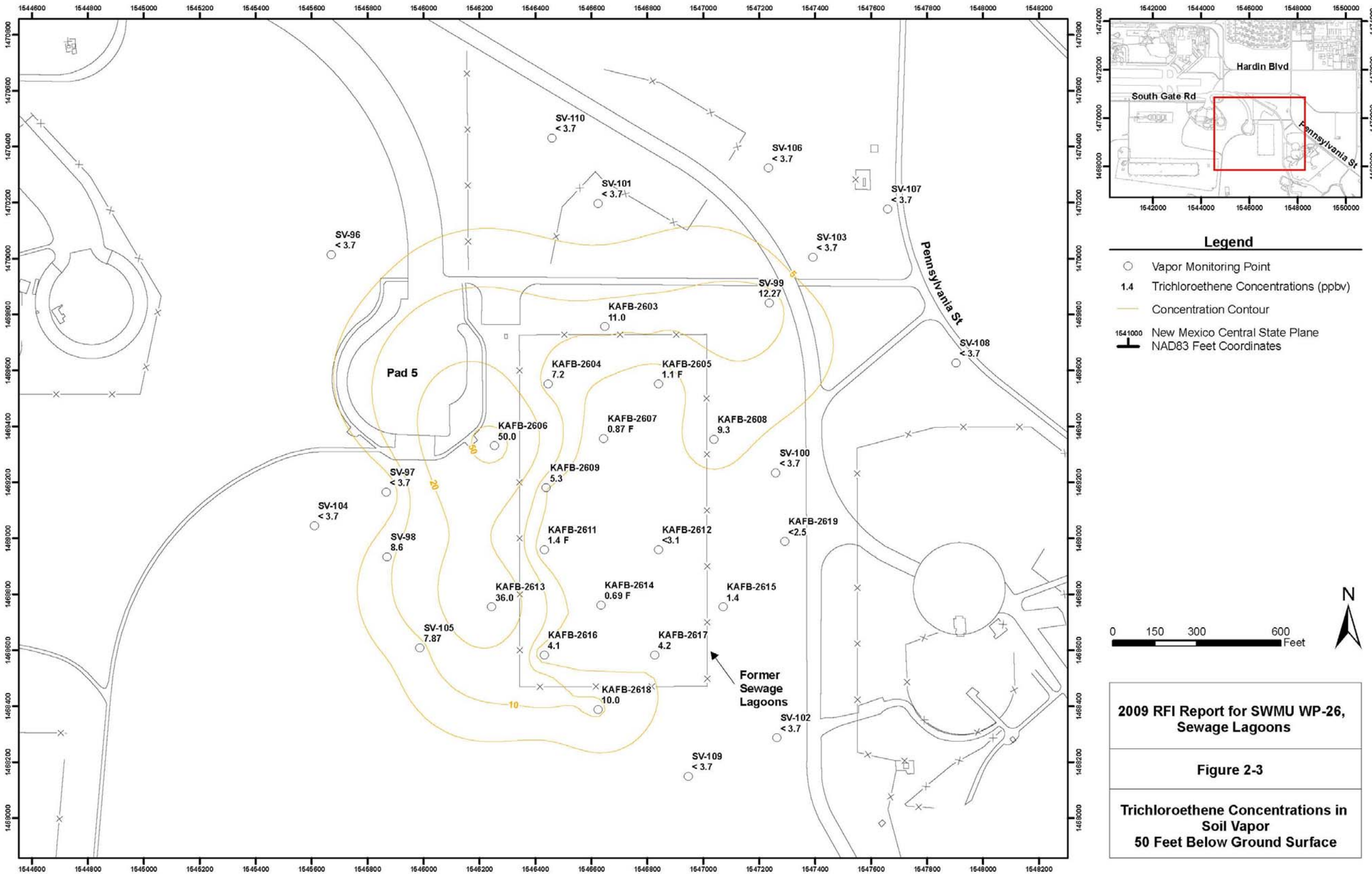

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Figure 2-3

Trichloroethene Concentrations in Soil Vapor 50 Feet Below Ground Surface

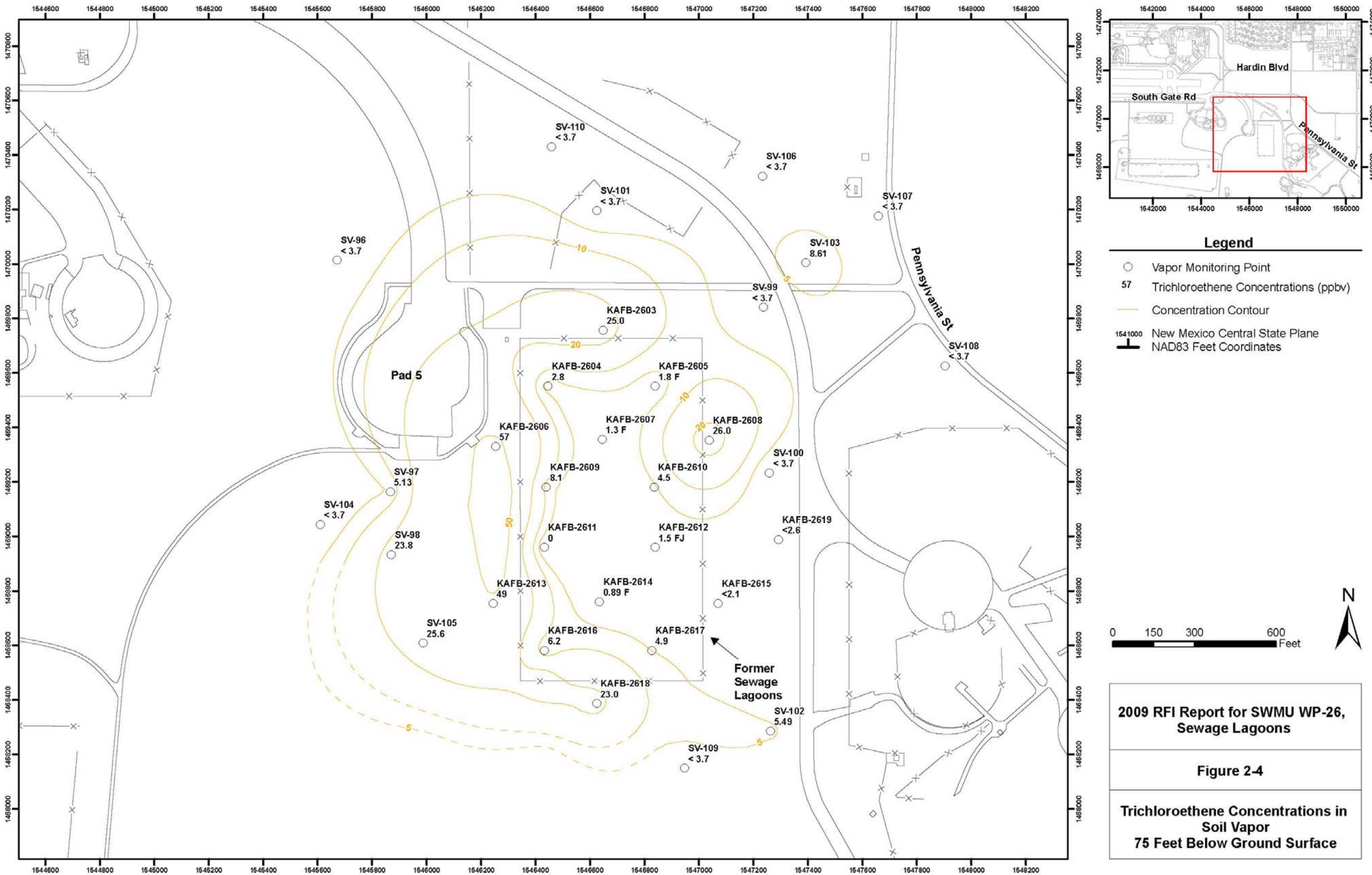

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Figure 2-4

Trichloroethene Concentrations in Soil Vapor 75 Feet Below Ground Surface

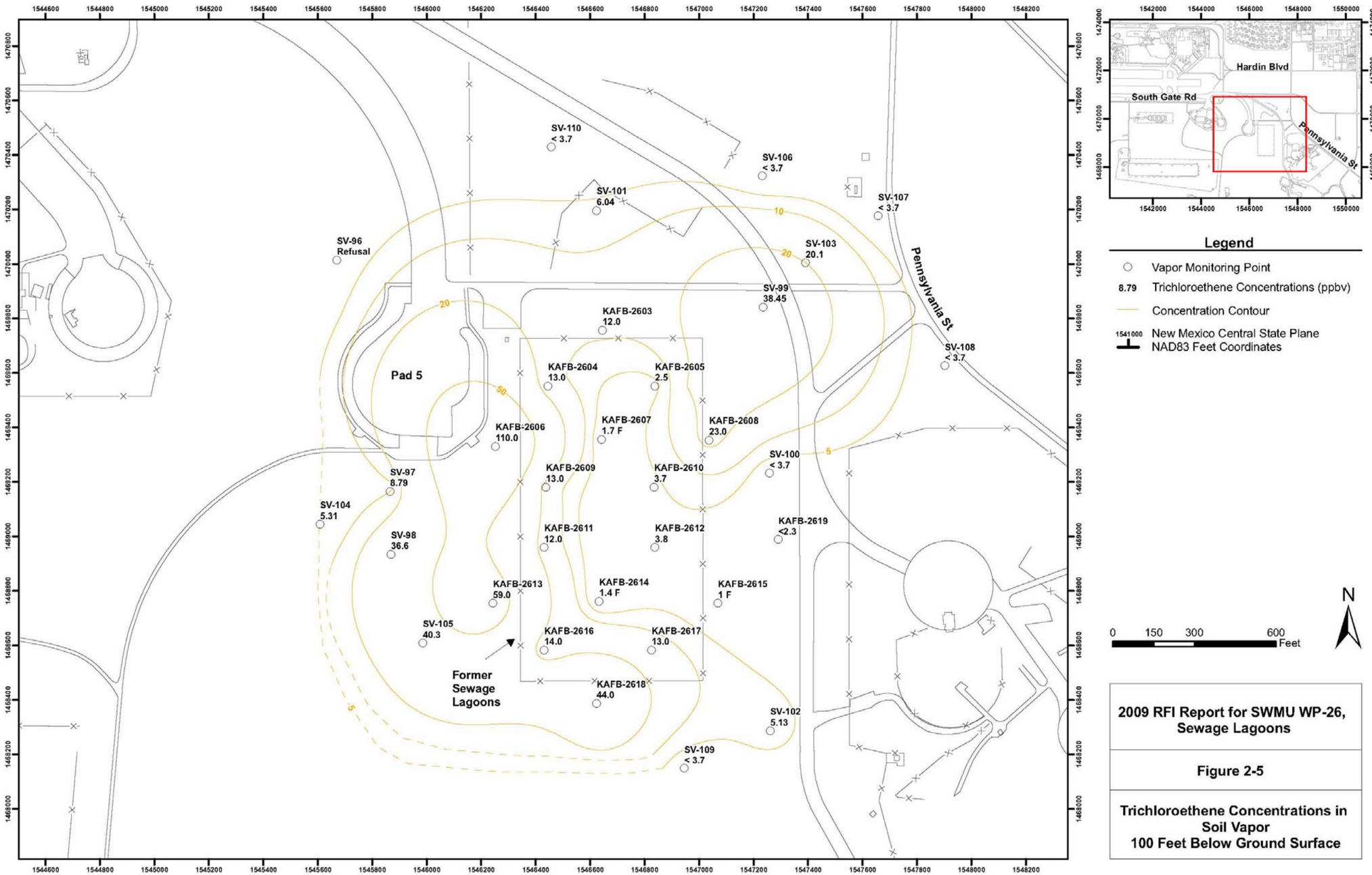

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Figure 2-5

Trichloroethene Concentrations in Soil Vapor 100 Feet Below Ground Surface

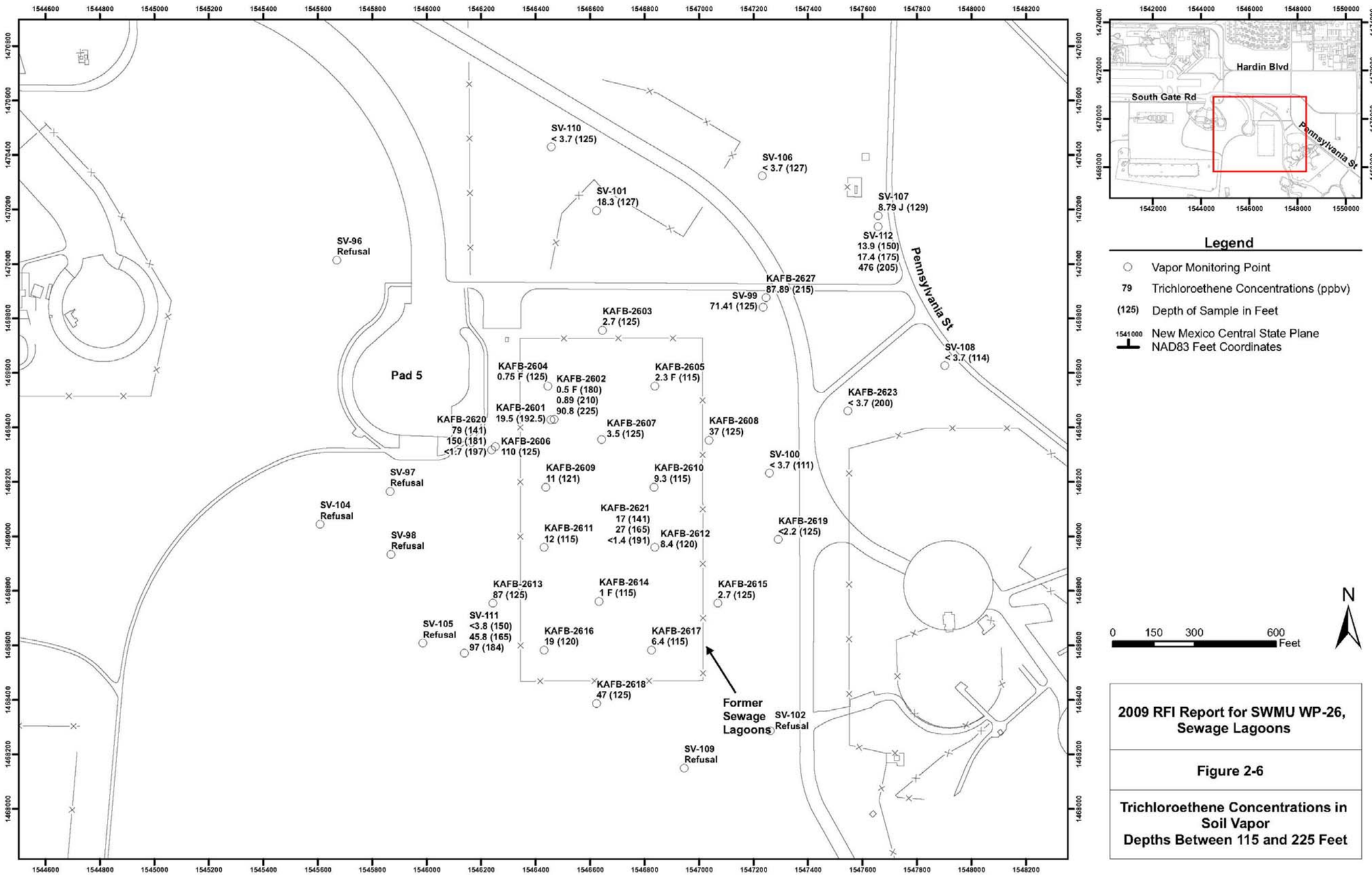

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Figure 2-6

Trichloroethene Concentrations in Soil Vapor Depths Between 115 and 225 Feet

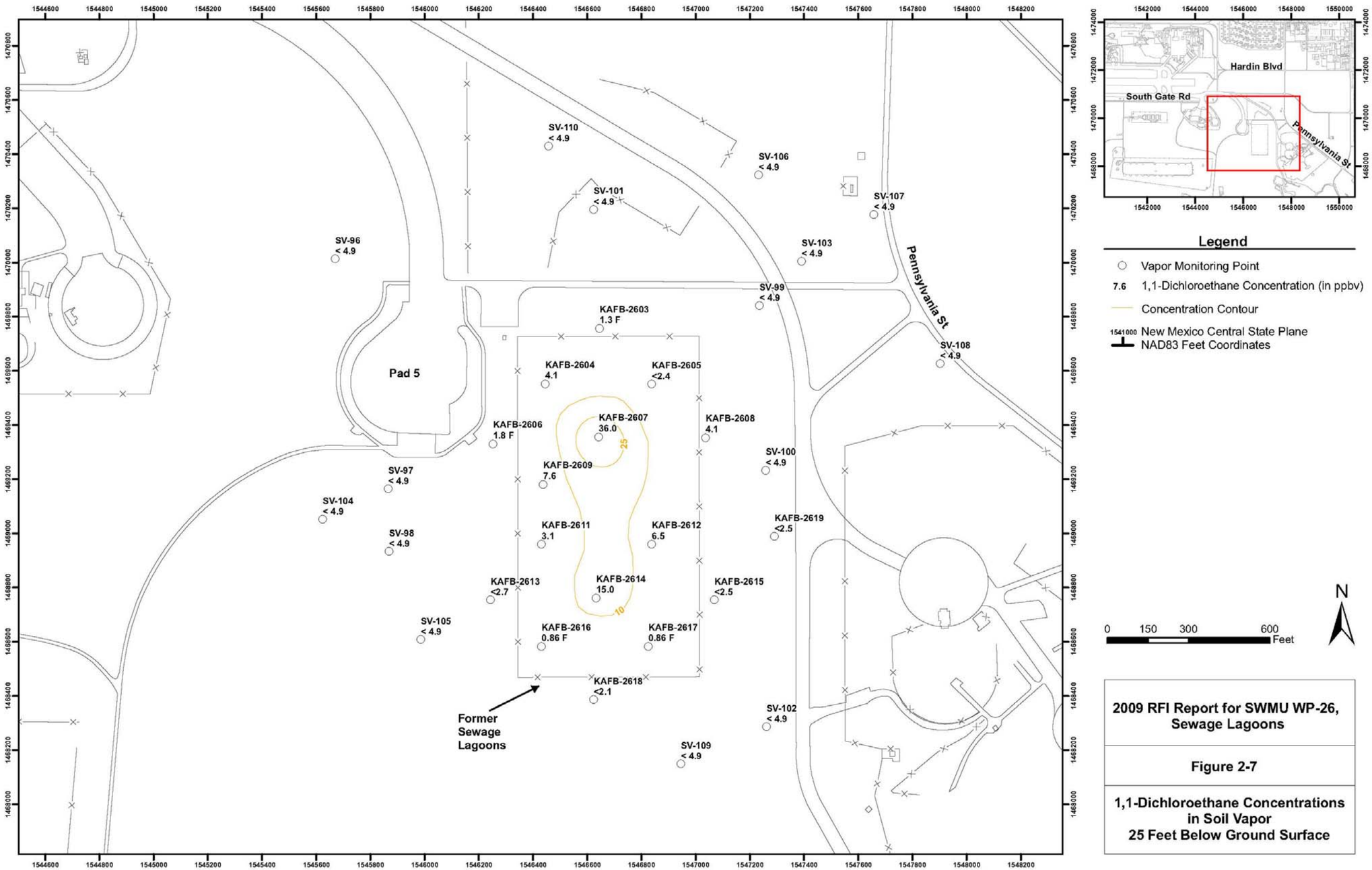

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Figure 2-7

1,1-Dichloroethane Concentrations in Soil Vapor 25 Feet Below Ground Surface

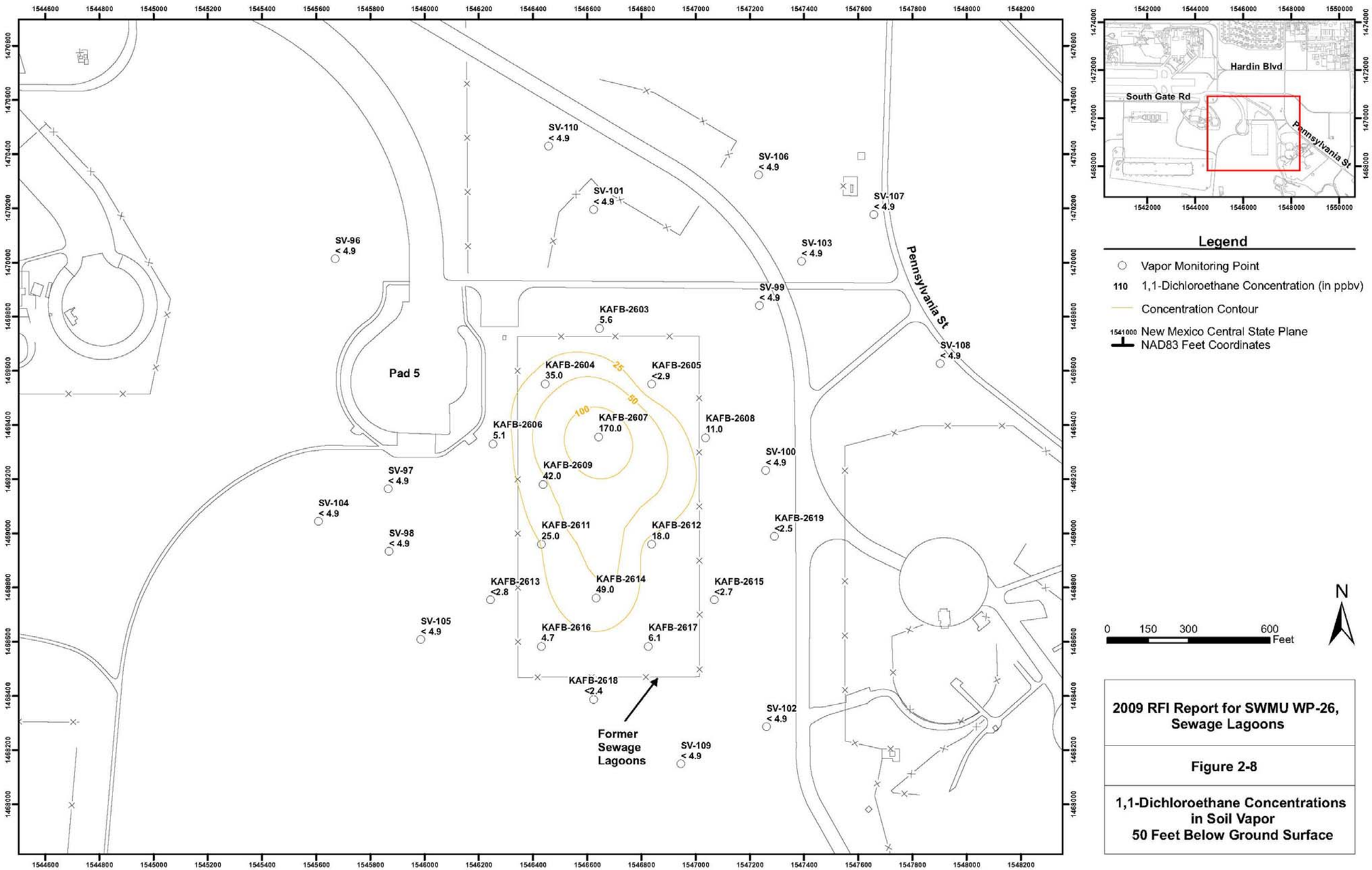

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Figure 2-8

1,1-Dichloroethane Concentrations in Soil Vapor 50 Feet Below Ground Surface

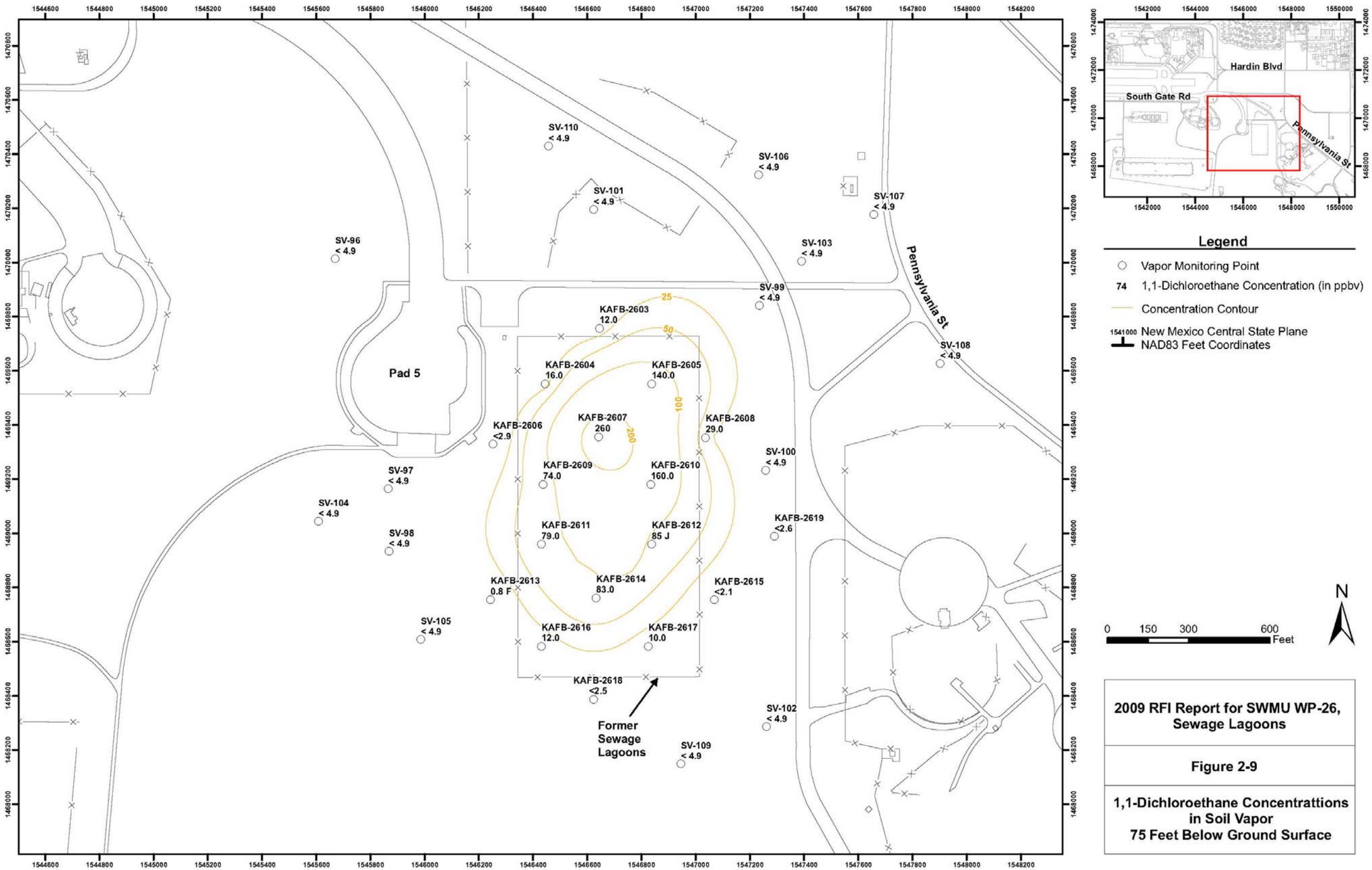

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Figure 2-9

1,1-Dichloroethane Concentrattions in Soil Vapor 75 Feet Below Ground Surface

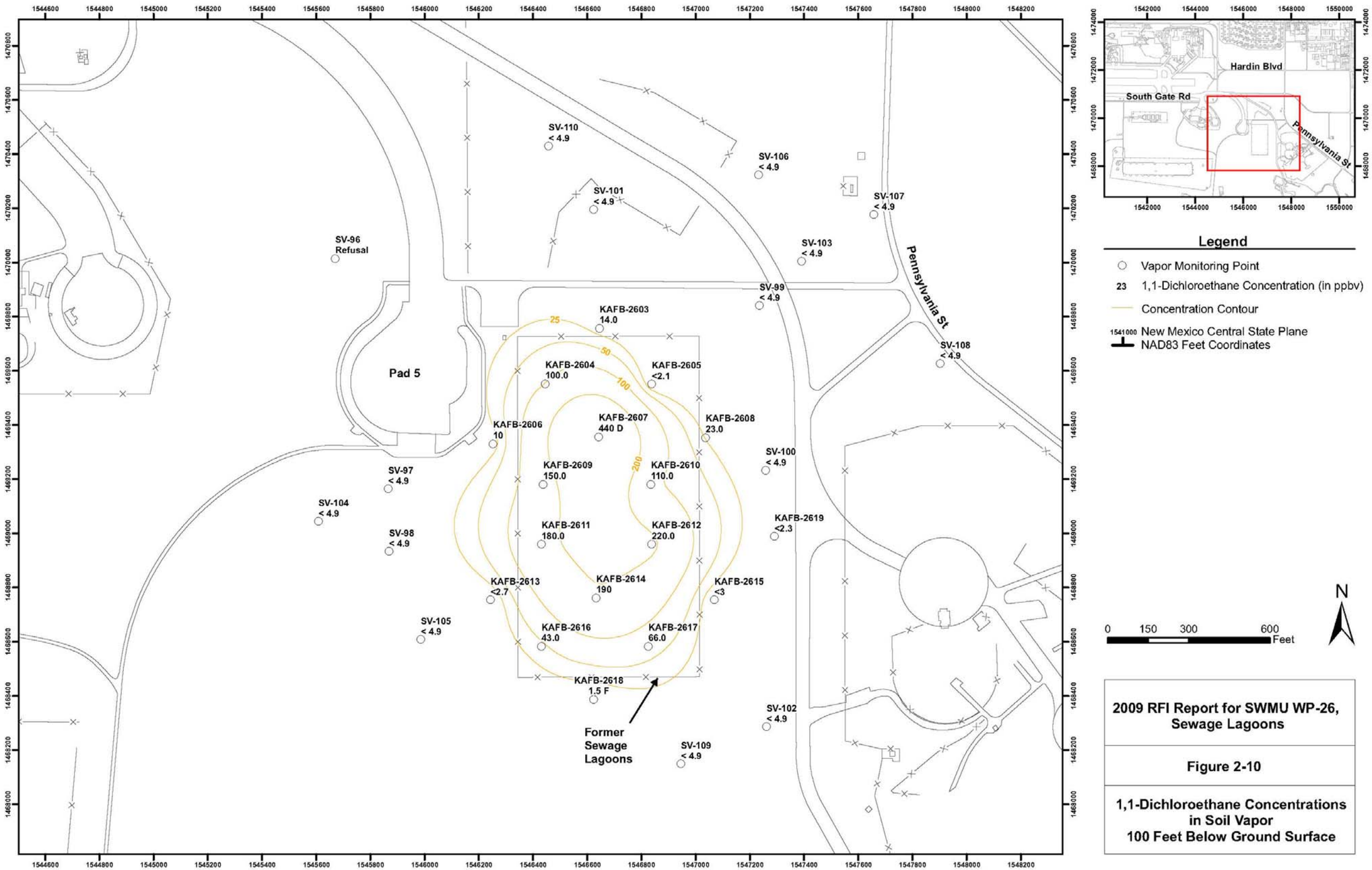

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Figure 2-10

1,1-Dichloroethane Concentrations in Soil Vapor 100 Feet Below Ground Surface

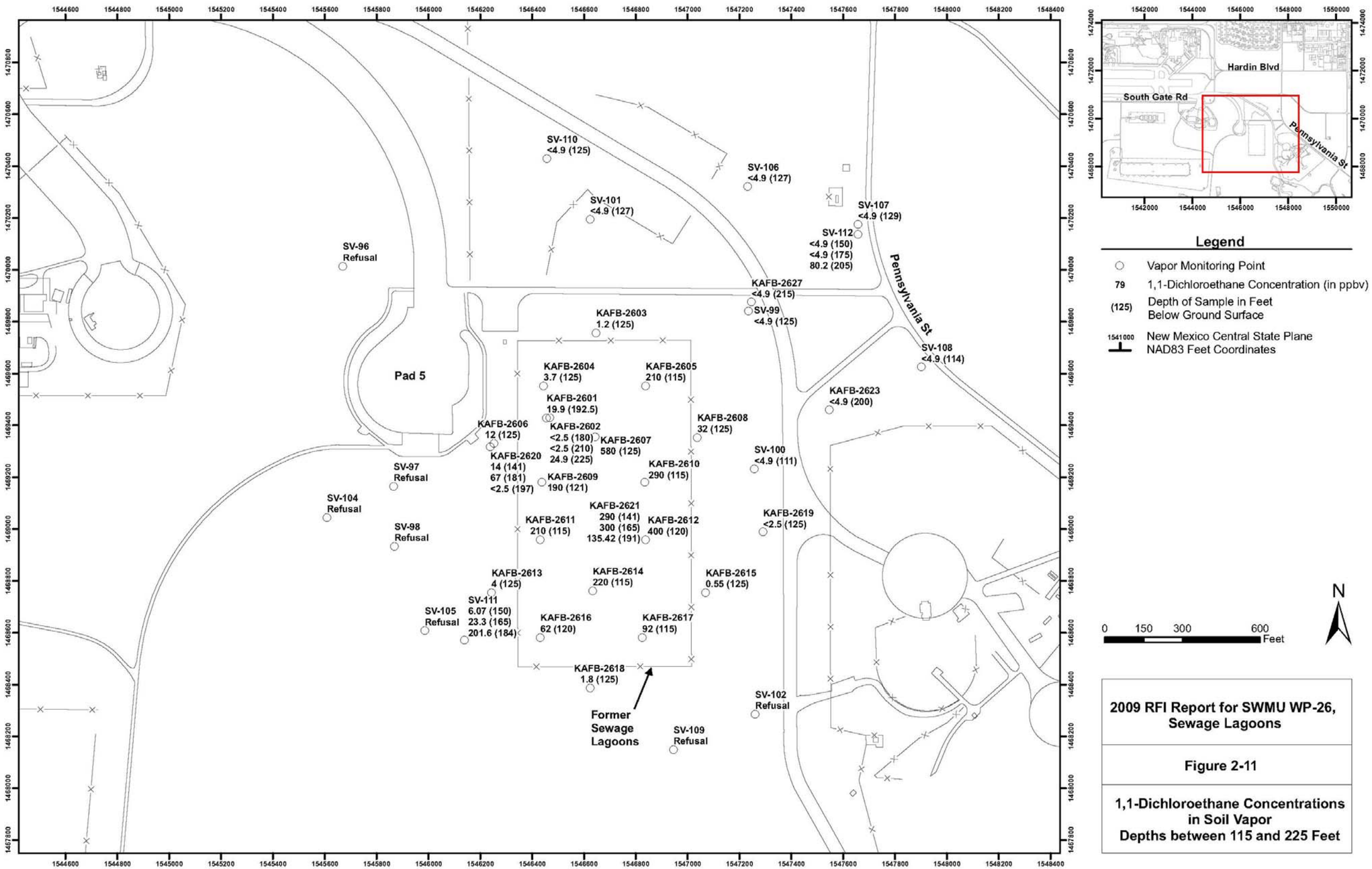

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Figure 2-11

1,1-Dichloroethane Concentrations in Soil Vapor Depths between 115 and 225 Feet

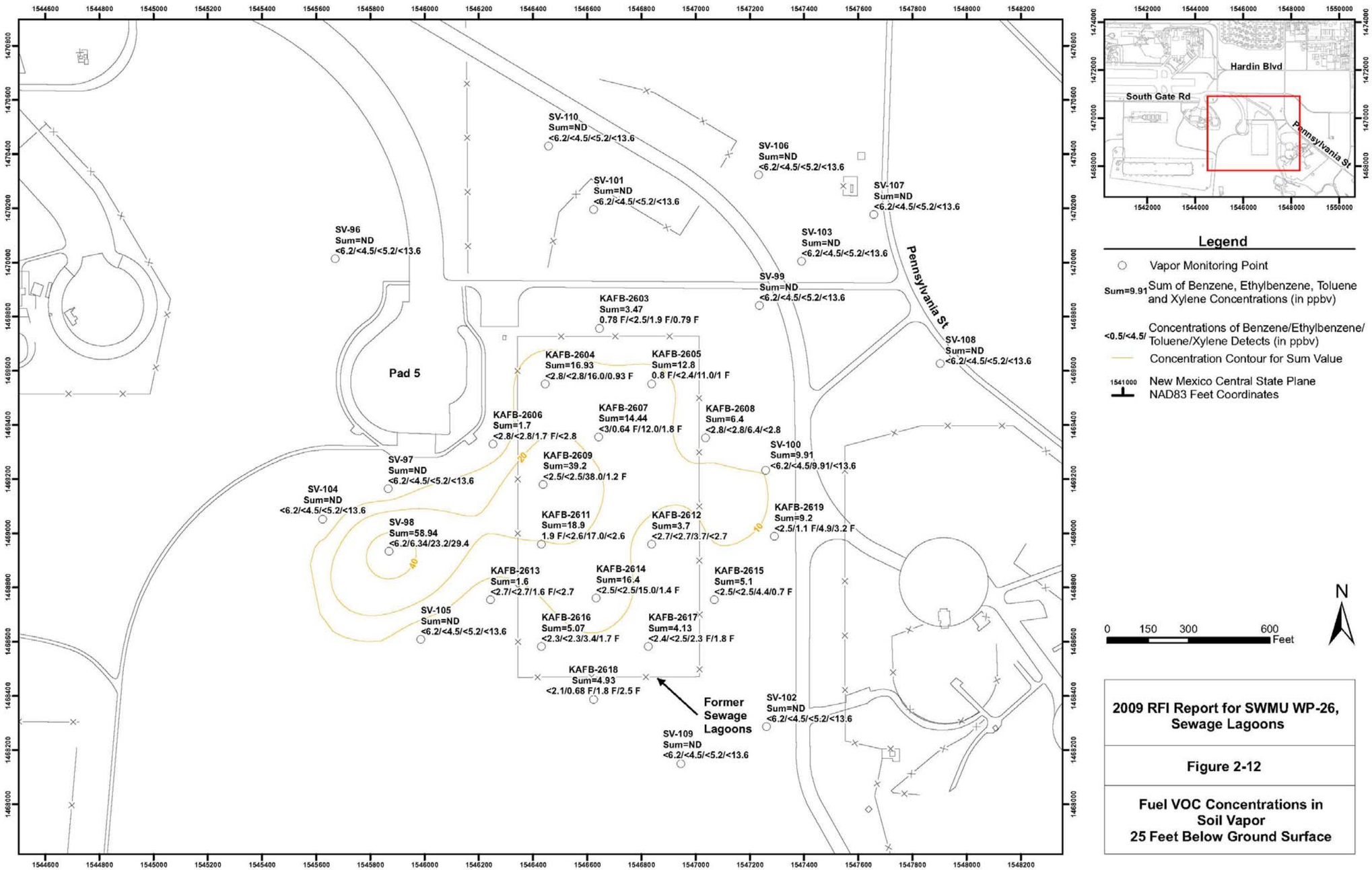

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Figure 2-12

Fuel VOC Concentrations in Soil Vapor 25 Feet Below Ground Surface

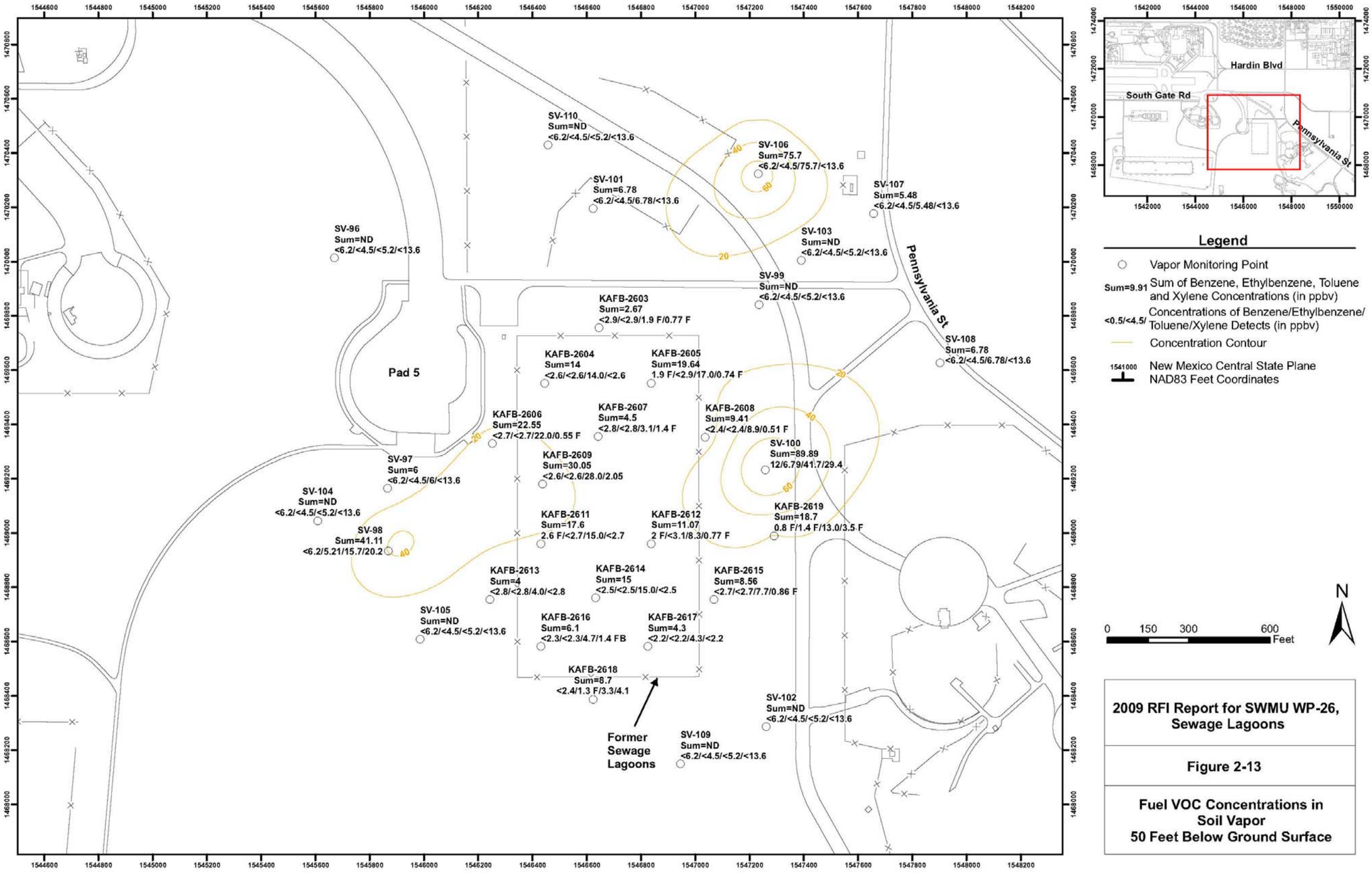

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Figure 2-13

Fuel VOC Concentrations in Soil Vapor 50 Feet Below Ground Surface

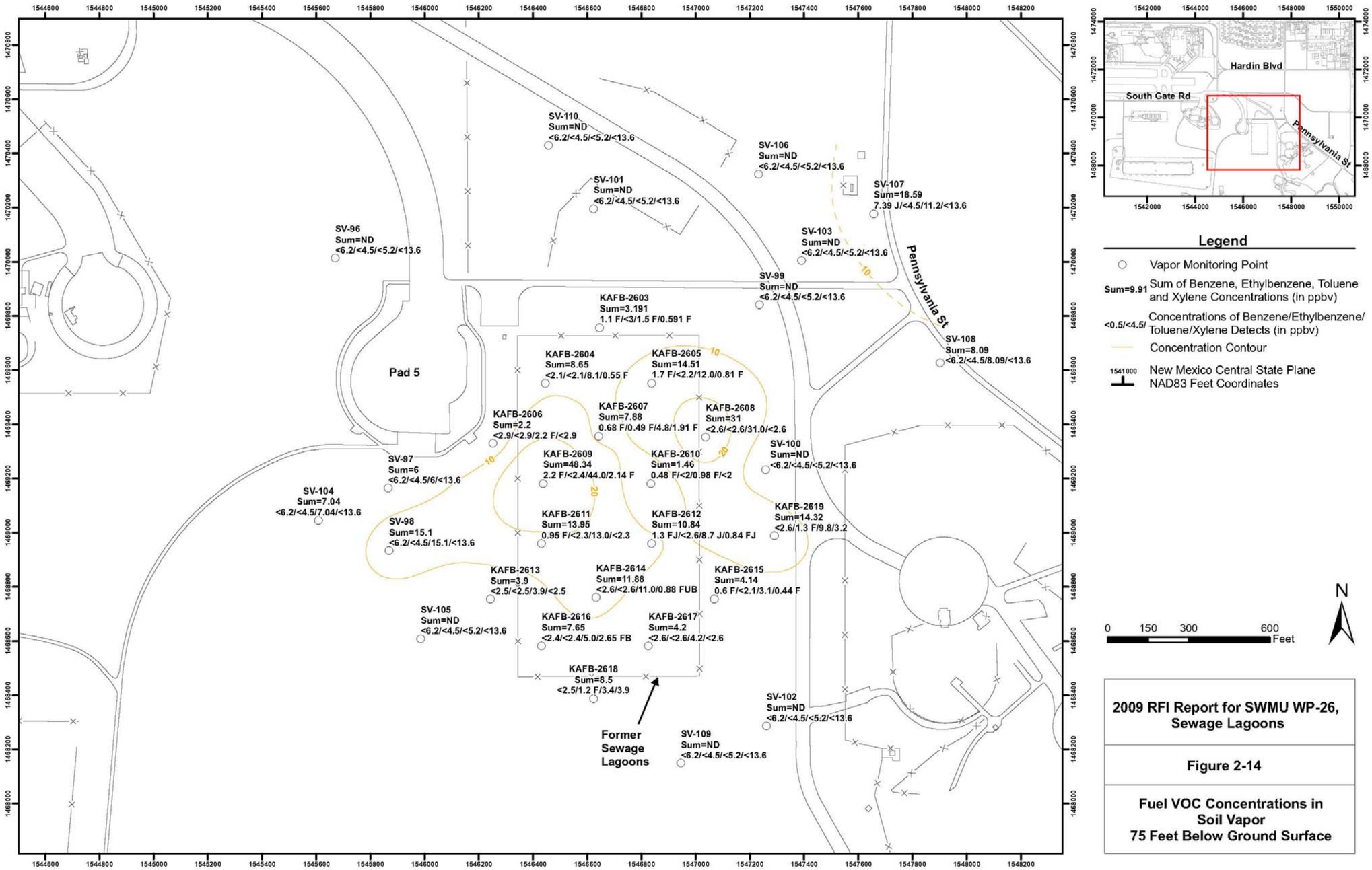

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Figure 2-14

Fuel VOC Concentrations in Soil Vapor 75 Feet Below Ground Surface

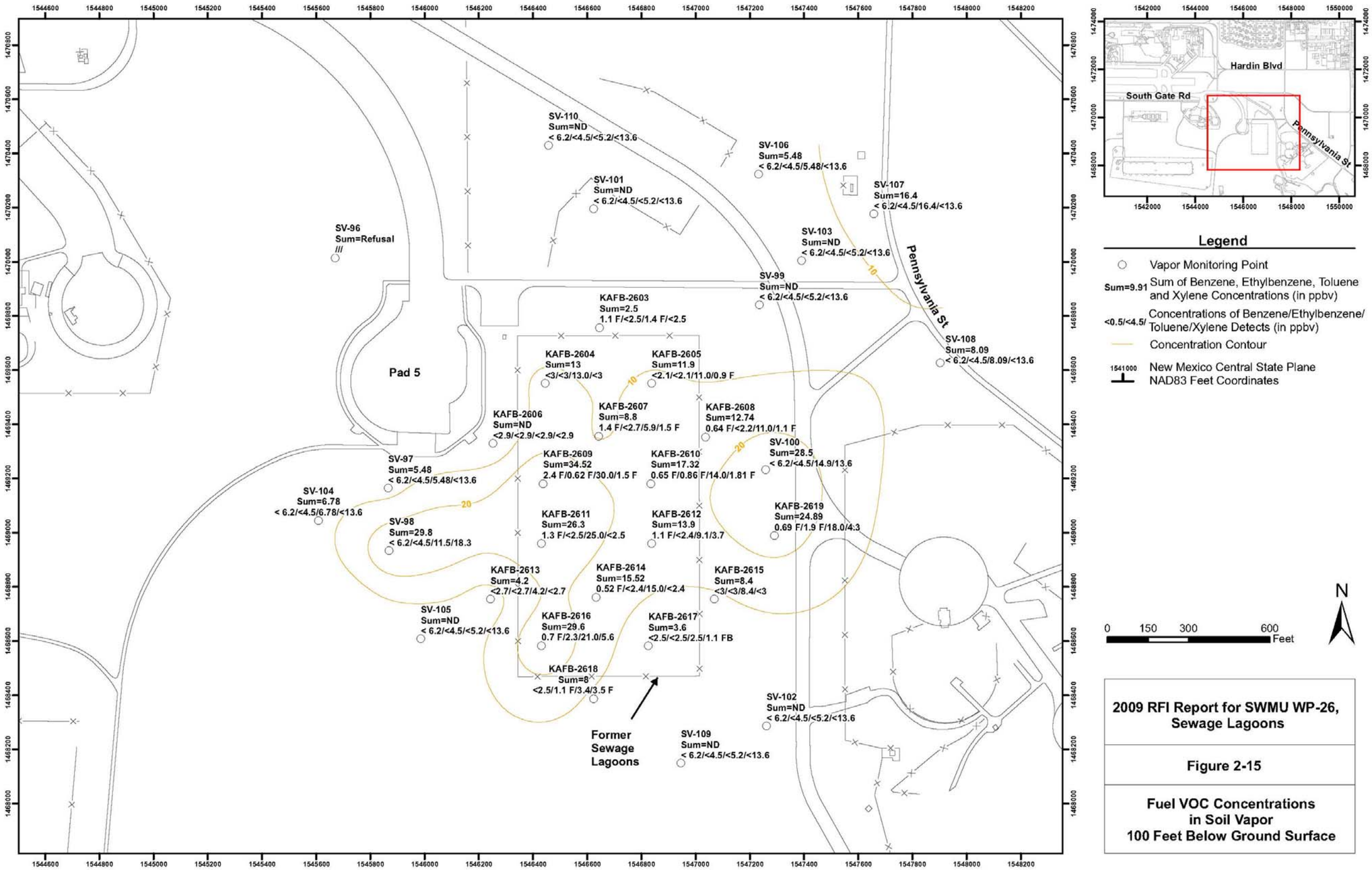

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Figure 2-15

Fuel VOC Concentrations in Soil Vapor 100 Feet Below Ground Surface

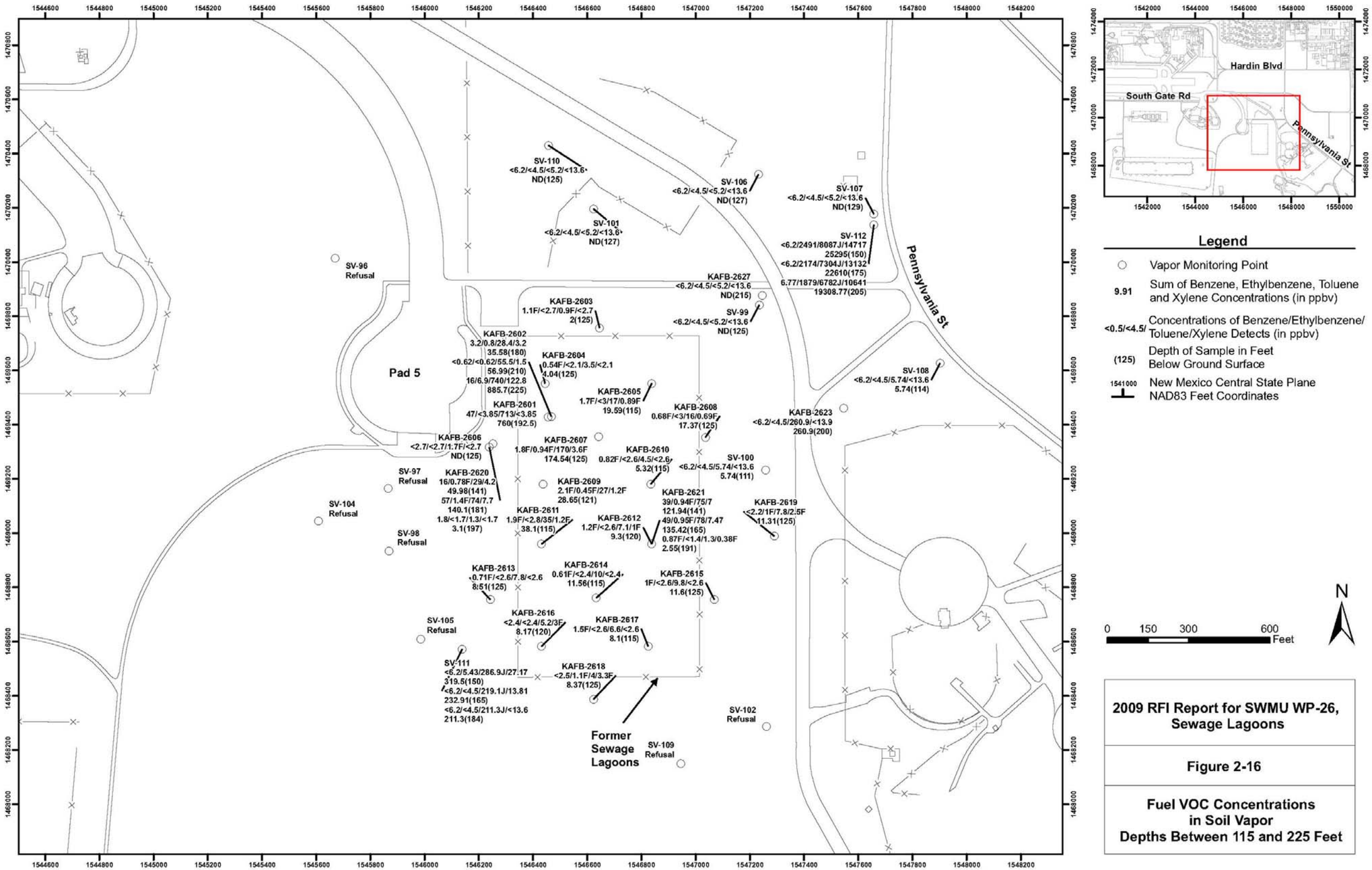

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Figure 2-16

Fuel VOC Concentrations in Soil Vapor Depths Between 115 and 225 Feet

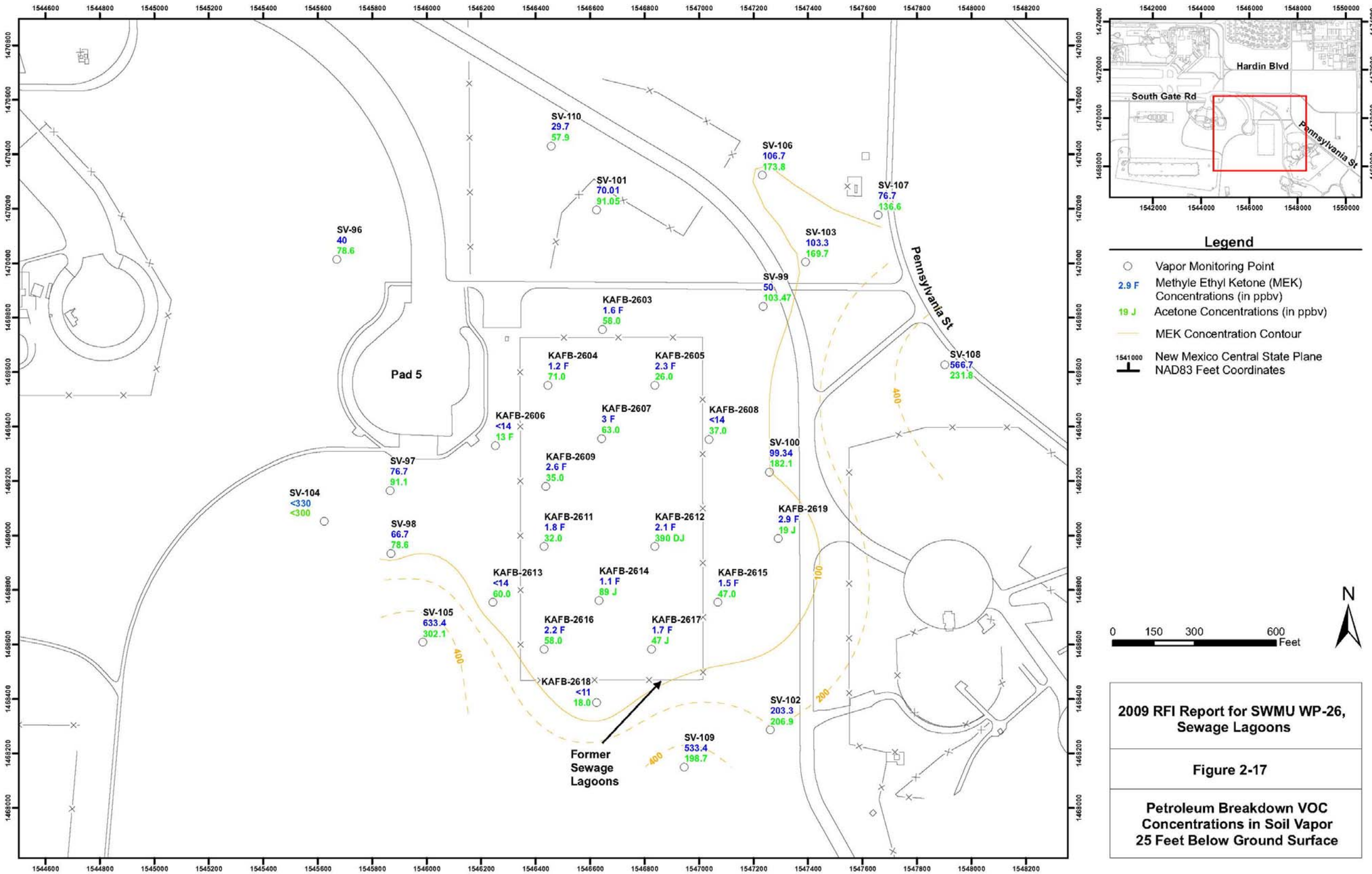

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Figure 2-17

Petroleum Breakdown VOC Concentrations in Soil Vapor 25 Feet Below Ground Surface

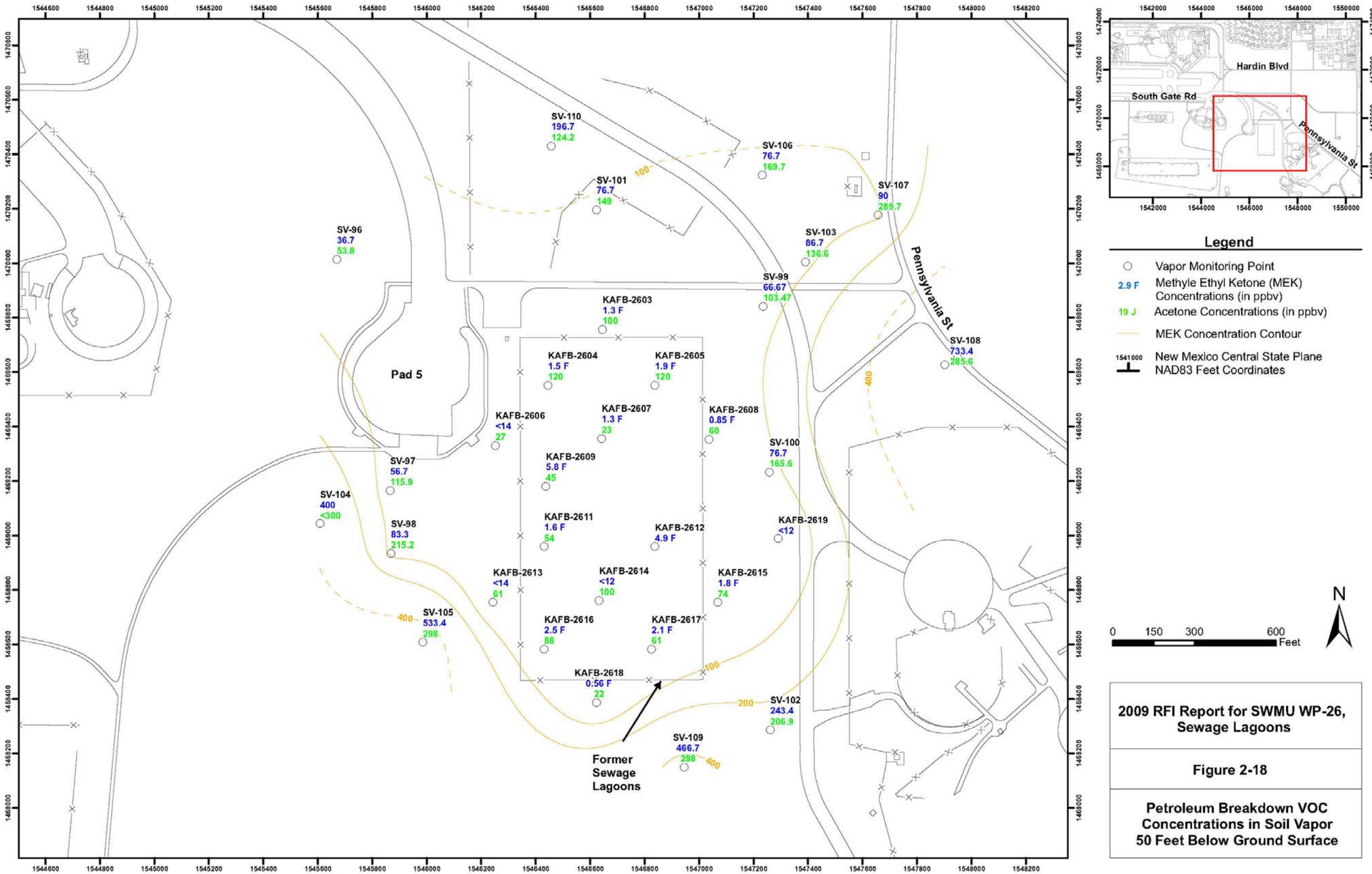

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Figure 2-18

Petroleum Breakdown VOC Concentrations in Soil Vapor 50 Feet Below Ground Surface

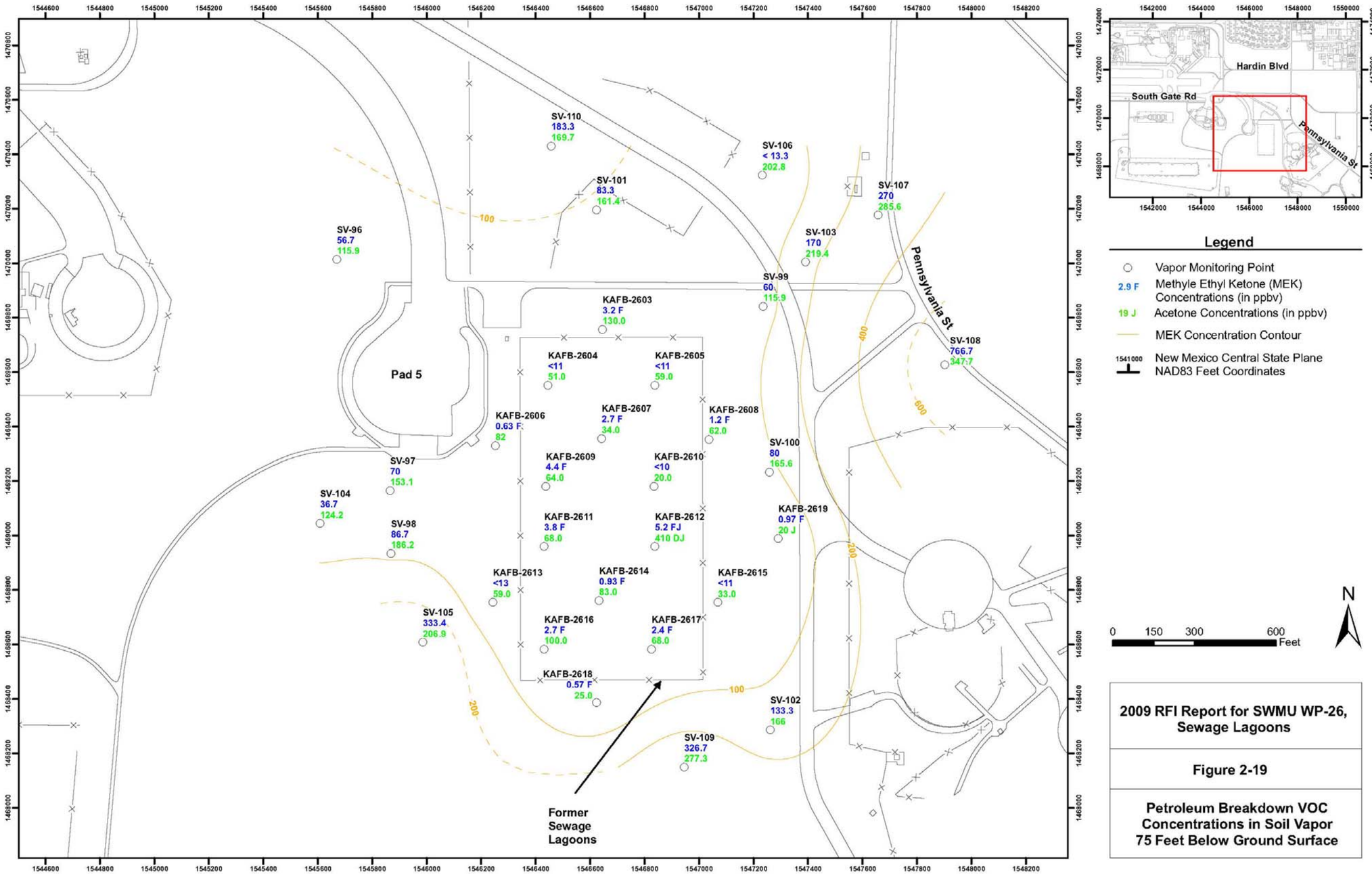

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Figure 2-19

Petroleum Breakdown VOC Concentrations in Soil Vapor 75 Feet Below Ground Surface

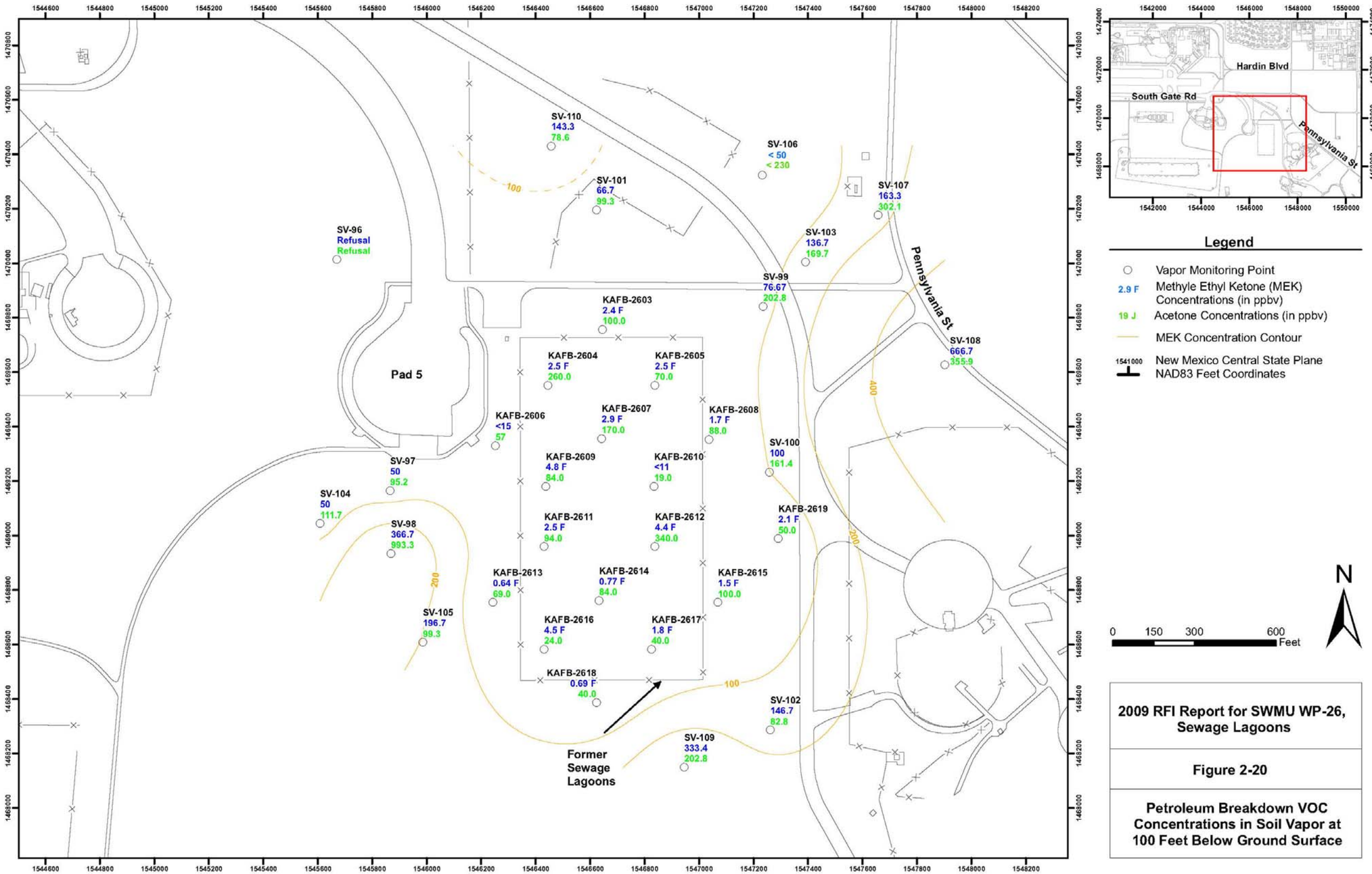

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Figure 2-20

Petroleum Breakdown VOC Concentrations in Soil Vapor at 100 Feet Below Ground Surface

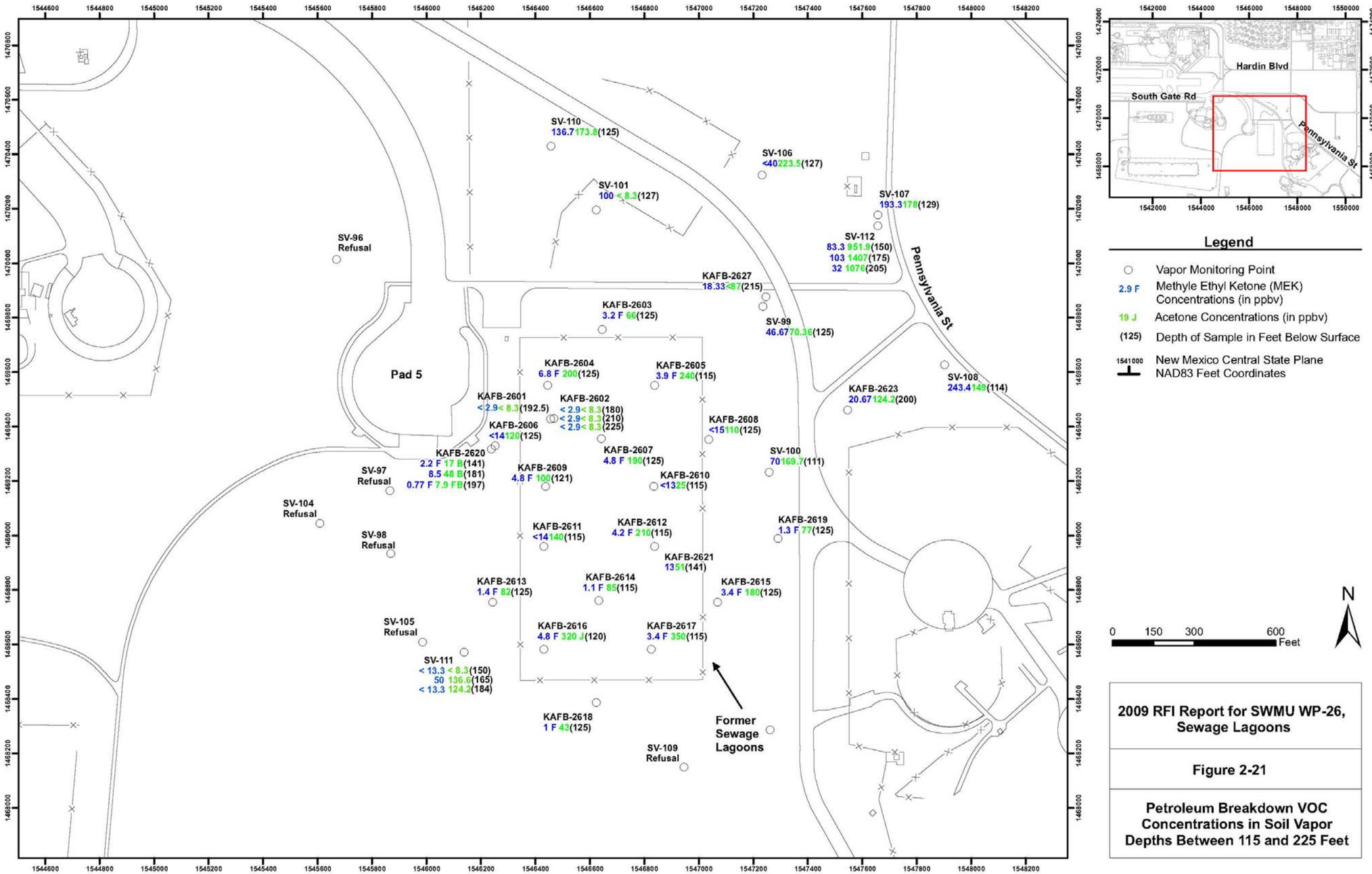

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Figure 2-21

Petroleum Breakdown VOC Concentrations in Soil Vapor Depths Between 115 and 225 Feet

2.3.1.4 Sources and Fate of Soil Vapor Contamination

The VOCs were likely present in the raw sewage that was discharged to the sewage lagoons during their operations. The VOCs migrated in the vadose zone between the ground surface and the perched groundwater located at approximately 200 ft bgs. Because there is no longer an active influx of VOCs in this area, the VOC contamination has begun to degrade, and concentrations are believed to have diminished over time. The raw sewage released to the former sewage lagoons is the only documented source of contamination for SWMU WP-26. Other sources of VOCs do not appear to be present at the former sewage lagoons.

Chlorinated Solvents: TCE is a common solvent that was widely used during the period which the sewage lagoons were active. The pattern of TCE detections in SWMU WP-26 soil vapor is consistent with the release of TCE to the former sewage lagoons with migration through the vadose zone to the perched groundwater. Soil vapor TCE concentrations are highest in areas where perched groundwater is present and specifically in areas where TCE is present in perched groundwater at the highest concentrations. Reductive dechlorination would have been promoted historically due to the moisture and organic matter supplied to the sewage lagoons. Evidence of reductive dechlorination is available in the detection of TCE degradation products including 1,1-DCE, cis-1,2,DCE, and trans-1,2-DCE (EPA, 1998; EPA, 1999a). Continued degradation of TCE and its degradation products under aerobic conditions may be indicated by the presence of other chlorinated compounds including chloroform and methylene chloride (EPA, 1998). Chloroform and methylene chloride are present in some soil vapor samples at low concentrations indicating that aerobic degradation is limited.

Prior to 1988, 1,1,1-trichloroethane was present in the raw sewage at concentrations of 100 to 200 ug/L at the former swage lagoons before they evaporated to dryness. In 1988, 1,1-DCA was measured in the remaining water at the former sewage lagoons once discharges to the lagoons ceased in 1987 (USAF, 1993). 1,1-DCA may be present in soil vapor beneath the former sewage due to the degradation of 1,1,1-trichloroethane. 1,1,1-Trichloroethane is present in a small number of soil vapor samples at low concentrations while 1,1-DCA occurs at higher concentrations throughout the vadose zone beneath the former sewage lagoons. The degradation of 1,1,1-trichloroethane to 1,1-DCA likely occurred when moisture and organic matter were present in the vadose zone during the lagoon operations. Further degradation of the 1,1-DCA would be extremely limited under the current aerobic conditions present below the lagoons.

Petroleum Hydrocarbons: Analytical data are consistent with contamination of the former sewage lagoons by a limited mass of petroleum hydrocarbons. The chemical signature of petroleum hydrocarbons is indicated by the frequent detection of BTEX. The MtBE detections are an indicator of recent historical gasoline contamination, because this chemical is primarily used as gasoline oxygenate since replacing other compounds in 1979 (EPA, 2009).

Petroleum Biodegradation Products: MEK is a compound that is found in both petroleum hydrocarbons and as a bacterial metabolic product of long chain hydrocarbons (such as organic matter released to the sewage lagoons), and is commonly detected across the investigation area (HSBD, 2009). The abundance of bacterial metabolic products of hydrocarbons, including acetone and carbon disulfide indicate that biodegradation of petroleum hydrocarbons is active in the subsurface (HSBD, 2009).

Chlorofluorocarbons: The CFCs detected at SWMU WP-26 is consistent with release of a relatively small mass of contaminants such as refrigerant liquids to the former sewage lagoons. The CFC compounds detected most frequently including Freon 12 were commonly used as refrigerants during the active period of the sewage lagoons (HSDB, 2009). The CFC detections are primarily of low concentrations, with the exception of one location southwest of the former sewage lagoons at SV-102.

The lack of detection beneath the sewage lagoons may indicate that CFCs were subject to reductive dehalogenation in a pattern similar to that of TCE.

Migration Pathways: Highest concentrations of chlorinated and fuel VOCs are found beneath the former sewage lagoons and the directly to the west and northeast. Highest contaminant concentrations are detected at depths adjacent to the perched groundwater zone. When comparing this pattern to the perched groundwater flow and lithologic information, the following deductions can be made on probable migration pathways:

- The VOC contamination was introduced to SWMU WP-26 in liquids released to the former sewage lagoons.

- The VOC contaminants volatilized from contaminated water as this water migrated downward through the vadose zone, and accumulated in the vadose zone above the perching layer. The perched layer appears to be composed largely of relatively fine sediments which inhibit migration of water and contaminants to the lower vadose zone and the regional groundwater.

- Historically, soil vapor contamination migrated laterally by diffusion and dispersion primarily between the perched groundwater zone and the ground surface.

- The vertical patterns of VOC detections indicate that perched groundwater continues to be a source for volatilization of contaminants to soil vapor, and that soil vapor contamination may be lost to the atmosphere.

- The highest concentrations of some soil vapor contaminants are detected to the west of the former sewage lagoons, where contaminated perched groundwater contributes to soil vapor contamination by volatilization. The highest concentrations of TCE in both perched groundwater and soil vapor occur along the western side of the former sewage lagoons.

- The relatively complex pattern observed in soil vapor concentrations horizontally appears to be controlled by several factors. Lateral migration appears to have occurred radially from the former sewage lagoons while the lagoons were active. Lateral migration also appears to have occurred at depths in areas where perched groundwater currently accumulates and where perched groundwater previously flowed (downgradient). Concentrations of VOCs increased or decreased directly beneath the former sewage lagoons due to contaminant degradation.

Contaminant Release and Degradation: Analytical data from SWMU WP-26 indicate that soil vapor contaminants continue to be released from contaminated perched groundwater. Field measurements do not indicate that site conditions exist in the vadose zone, which will promote degradation of halogenated contaminants, or that biodegradation of petroleum hydrocarbons is occurring at rapid rates.

Site observations and historic surface soil samples indicate that VOC contamination is not present at the surface in the former sewage lagoons. However, perched groundwater TCE contamination has been confirmed at concentrations that exceed the MCL in some wells. Because the volume of perched groundwater in the vicinity of SWMU WP-26 is believed to be quite limited, the effect on soil vapor concentrations is also believed to be relatively limited.

Soil vapor chemistry indicates that reductive dechlorination was a historic process for solvent contamination. However, as the organic matter beneath the former sewage lagoon has been reduced aerobic conditions have returned. Field measurements recorded during soil vapor sampling indicate that the vadose zone has oxygen concentrations very near that of the atmosphere, and very low carbon dioxide concentrations. These aerobic conditions are not conducive to continued mitigation of halogenated contaminants (low oxygen conditions are required for dehalogenation of chlorinated VOCs and CFCs).

Aerobic biodegradation may be indicated by the presence of certain compounds such as acetone and carbon disulfide. However, the low concentrations of carbon dioxide do not indicate that aerobic degradation continues to proceed at rapid rates.

2.3.2 Soil Data Evaluation

Soil samples were analyzed for VOCs and nitrogen species. Nitrogen species were not detected at elevated concentrations. Nitrate was detected at a maximum concentration of 3.84 mg/kg, which is less than the NMED residential SSL of 100,000 mg/kg. Nitrite was detected at a maximum concentration of 0.925 J mg/kg, which is less than the NMED residential SSL of 7,820 mg/kg. Ammonia was detected at a maximum concentration of 3.28 mg/kg; TKN was detected at a maximum concentration of 103 mg/kg. Ammonia and TKN do not have established SSLs.

VOCs were detected infrequently and at low concentrations. Of the 63 analytes included in the VOC analyte list, 11 compounds were detected. Acetone was the most frequently detected VOC with a maximum concentration of 59 J µg/kg. None of the detected VOCs exceed their NMED residential SSL. Soil analytical data are presented in Table 2-12. Soil in the areas surrounding the former sewage lagoons is not contaminated by nitrogen species or VOCs.

2.3.3 Perched Groundwater Data Evaluation

2.3.3.1 2009 RFI Perched Groundwater Results

Perched groundwater samples from wells KAFB-2625 and KAFB-2626 were analyzed for nitrogen species, perchlorate, and VOCs. Nitrogen species were not detected at elevated concentrations. Nitrate was detected at a maximum concentration of 2.59 mg/L, which is less than the NMWQCC standard of 10 mg/L. Perchlorate was detected at low concentrations, 1.4 and 1.5 µg/L in monitoring wells KAFB-2625 and KAFB-2626, respectively.

Four chlorinated VOCs were detected in monitoring well KAFB-2625: 1,1-DCA, 1,4-DCB, cis-1,2-DCE, and TCE. One chlorinated VOC; TCE, was detected in monitoring well KAFB-2626. All VOCs were below NMWQCC groundwater standards. The TCE detected at a maximum concentration of 6.6 µg/L was the only compound detected above the EPA MCL of 5 µg/L. Groundwater analytical data are presented in Table 2-13.

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Table 2-12. 2009 RFI Soil Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 1 of 2)

Analysis (units) Method [a]		Location	KAFB-2525						KAFB-2526				KAFB-2527			
		Depth (ft bgs)	140	160	180	180-FD	200	220	100	160	180	200	140	160	180	200
		Sample Identifier	WP26-SO-2625-140	WP26-SO-2625-160	WP26-SO-2625-180	WP26-SO-2625-180DUP	WP26-SO-2625-200	WP26-SO-2625-220	WP26-SO-2626-100	WP26-SO-2626-160	WP26-SO-2626-180	WP26-SO-2626-200	WP26-SO-2627-140	WP26-SO-2627-160	WP26-SO-2627-180	WP26-SO-2627-200
	Analyte	Date	sampled 02/26/09						sampled 02/27/09				sampled 03/01/09			
Nitrogen Species (mg/kg)		**NMED SSL**														
E300	Nitrate - N	100,000	2.59	2.13	2.27	2.13	3.84	2.52	0.928J	1.3	1.6	1.83	1.83	0.982J	1.07J	2.51
E300	Nitite - N	7,820	<1.08	<1.06	<1.17	<1.15	0.925J	<1.07	<1.02	<1.06	<1.26	<1.17	<1.05	<1.09	<1.08	<1.15
E350.2	Ammonia (NH3-N)	NE	0.56J	0.76J	0.72J	0.82J	0.72J	<1.07	1.43	2.22	3.28	1.5	1.33	<1.09	<1.08	<1.15
E351.3	Total Kjeldahl Nitrogen	NE	56	44.7	49	47.5	40.8	34.6	39.4	90.7	103	67.7	42.3	67.1	50.2	82.4
VOCs (µg/kg) 8260B	1,1,1-Trichloroethane	563,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,1,2,2-Tetrachloroethane	5,550	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,1,2-Trichloroethane	563,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,1-Dichloroethane	1,400,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,1-Dichloroethene	206,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,1-Dichloropropene	NE	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2,3-Trichlorobenzene	69,300	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2,3-Trichloropropane	86	<8.8	<13	<9.7	<9.5	<10	<9.9	<12	<12	<11	<10	<10	<11	<10	<9.9
	1,2,4-Trichlorobenzene	69,300	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	4 J	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2,4-Trimethylbenzene	58,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2-Dibromo-3-chloropropane	1,840	<8.8	<13	<9.7	<9.5	<10	<9.9	<12	<11	<11	<10	<10	<11	<10	<9.9
	1,2-dibromoethane (EDB)	504	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2-Dichlorobenzene	37,400	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2-Dichloroethane	6,040	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2-Dichloroethene (total)	76,500	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,2-Dichloropropane	6,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,3,5-Trimethylbenzene	24,800	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,3-Dichlorobenzene	32,600	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,3-Dichloropropane	6,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	1,4-Dichlorobenzene	39,500	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	2.4 J	<5.5	<5.2	<5.2	<5.5	<5	<5
	2,2-Dichloropropane	NE	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	2-Butanone (MEK)	31,800,000	4.9 J	<13	11 J	14 J	<10	<9.9	<12	30 J	8.8 J	<10	11 J	7.4 J	<10	7.4 J
	2-Chlorotoluene	202,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	2-Hexanone	NE	<8.8	<13	<9.7	<9.5	<10	<9.9	7 J	14 J	<11	<10	<10	<11	<10	<9.9
	4-Chlorotoluene	202,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	4-Methyl-2-pentanone	NE	<8.8	<13	<9.7	<9.5	<10	<9.9	<12	5.3 J	<11	<10	<10	<11	<10	<9.9
	Acetone	28,100,000	19J	15J	48J	59J	<21	5.3J	<25	<5.3	<22	<10	50J	29J	<20	30J
	Benzene	10,300	<4.4	<6.3	<4.8	<4.7	<10	<5	<6.1	3.2 J	<5.5	<5.2	<5.2	<5.5	<5	<5
	Bromobenzene	37,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Bromochloromethane	NE	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Bromodichloromethane	14,400	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Bromoform	NE	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<11	<5.2	<5.2	<5.5	<5	<5
	Bromomethane	8,510	<8.8	<13	<9.7	<9.5	<10	<9.9	<12	<11	<5.5	<10	<10	<11	<10	<9.9
	Carbon tetrachloride	3,470	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Chlorobenzene	194,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Chloroethane	63,300	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5

Table 2-12. 2009 RFI Soil Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Concluded, Page 2 of 2)

Analysis (units) Method [a]		Location	KAFB-2525						KAFB-2526				KAFB-2527			
		Depth (ft bgs)	140	160	180	180-FD	200	220	100	160	180	200	140	160	180	200
		Sample Identifier	WP26-SO-2625-140	WP26-SO-2625-160	WP26-SO-2625-180	WP26-SO-2625-180DUP	WP26-SO-2625-200	WP26-SO-2625-220	WP26-SO-2626-100	WP26-SO-2626-160	WP26-SO-2626-180	WP26-SO-2626-200	WP26-SO-2627-140	WP26-SO-2627-160	WP26-SO-2627-180	WP26-SO-2627-200
	Analyte	Date	sampled 02/26/09						sampled 02/27/09				sampled 03/01/09			
		NMED SSL														
VOCs (µg/kg) 8260B	Chloroform	4,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<11	<5.2	<5.2	<5.5	<5	<5
	Chloromethane	21,800	<8.8	<13	<9.7	<9.5	<10	<9.9	<12	<11	<5.5	<10	<10	<11	<10	<9.9
	cis-1,2-Dichloroethylene	76,500	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	cis-1,3-Dichloropropene	12,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Dibromochloromethane	14,800	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Dibromomethane	NE	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Dichlorodifluoromethane	161,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Ethylbenzene	128,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Hexachlorobutadiene	12,200	<8.8	<6.3	<9.7	<9.5	<10	<9.9	<12	<11	<11	<10	<10	<11	<10	<9.9
	Isopropylbenzene	NE	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	m,p-Xyene	82,000	<4.4	<6.3	<9.7	<9.5	<10	<9.9	<12	2.6J	<11	<10	<10	<11	<10	<9.9
	Methyl tert-butyl ether (MtBE)	NE	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Methylene chloride	182,000	<8.8	<13	<9.7	<9.5	<10	<9.9	<12	<11	<11	<10	<10	2.69 J	<10	<9.9
	Naphthalene	79,500	<4.4	<6.3	<4.8	<4.7	<5.2	<5	8 J	46 J	<5.5	<5.2	<5.2	<5.5	<5	<5
	n-Butylbenzene	62,100	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	n-Propylbenzene	62,100	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	o-Xylene	99,500	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	sec-Butylbenzene	60,600	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Styrene	100,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Trichloroethene (TCE)	638	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	tert-Butylbenzene	106,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Tetrachloroethene (PCE)	12,500	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Toluene	252,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	3.3 J	<5.5	<5.2	<5.2	<5.5	<5	<5
	trans-1,2-Dichloroethene (trans-1,2-DCE)	112,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	trans-1,3-Dichloropropene	12,000	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Vinyl chloride	2,250	<4.4	<6.3	<4.8	<4.7	<5.2	<5	<6.1	<5.3	<5.5	<5.2	<5.2	<5.5	<5	<5
	Xylenes, total	82,000	<13	<18	<15	<14	<16	<15	<18	2.6 J	<17	<10	<16	<16	<15	<15

[a] Analytical methods are detailed in the EPA, 1993 and EPA, 1996.

DUP duplicate
FD field duplicate
J data are estimated due to associated quality control data
µg/kg micrograms per kilogram
mg/kg milligrams per kilogram
NE not established
NMED SSL New Mexico Environment Department Residential Soil Screening Level
VOCs volatile organic compounds
Shaded indicates positive analyitcal detection

Table 2-13. 2009 RFI Groundwater Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Continued, Page 1 of 2)

Analysis (units) Method [a]	Analyte	Location		KAFB-2525	KAFB-2526	
		Date		4/22/2009	4/22/2009	4/22/09-FD
		Sample Identifier		WP26-GW-2625-22042009	WP26-GW-2626-22042009	WP26-GW-2626-22042009FD
Nitrogen Species (mg/L)		**NMQWCC Standard**	**EPA MCL [b]**			
E300	Nitrate - N	10.0	10.0	2.59	2.13	2.27
E300	Nitrite - N	NE	1.0	<1.08	<1.06	<1.17
E350.2	Ammonia (NH3-N	NE	NE	0.56 J	0.76 J	0.72 J
E351.3	Total Kjeldahl Nitrogen	NE	NE	56	44.7	49
Perchlorate (µg/L) 6860	Perchlorate	NE	3.6[b]	1.4	1.5	1.5
VOCs (µg/kg) 8260B	1,1,1-Trichloroethane	60	200	<1	<1	<1
	1,1,2,2-Tetrachloroethane	20	NE	<1	<1	<1
	1,1,2-Trichloroethane	10	5	<1	<1	<1
	1,1-Dichloroethane	25	NE	2.7	<1	<1
	1,1-Dichloroethene	5	7	<1	<1	<1
	1,1-Dichloropropene	NE	NE	<1	<1	<1
	1,2,3-Trichlorobenzene	NE	NE	<1	<1	<1
	1,2,3-Trichloropropane	NE	NE	<1	<1	<1
	1,2,4-Trichlorobenzene	NE	70	<1	<1	<1
	1,2,4-Trimethylbenzene	NE	NE	<1	<1	<1
	1,2-Dibromo-3-chloropropane	NE	0.2	<5	<5	<5
	1,2-dibromoethane (EDB)	0.10	0.05	<1	<1	<1
	1,2-Dichlorobenzene	NE	600	<1	<1	<1
	1,2-Dichloroethane	10	5	<1	<1	<1
	1,2-Dichloroethene (total)	10	70	<2	<2	<2
	1,2-Dichloropropane	NE	5.00	<1	<1	<1
	1,3,5-Trimethylbenzene	NE	NE	<1	<1	<1
	1,3-Dichlorobenzene	NE	NE	<1	<1	<1
	1,3-Dichloropropane	NE	NE	<1	<1	<1
	1,4-Dichlorobenzene	NE	0.5[b]	0.44 J	<1	<1
	2,2-Dichloropropane	NE	NE	<1	<1	<1
	2-Butanone (MEK)	NE	NE	<10	<10	<10
	2-Chlorotoluene	NE	NE	<1	<1	<1
	2-Hexanone	NE	NE	<10	<10	<10
	4-Chlorotoluene	NE	NE	<1	<1	<1
	4-Methyl-2-pentanone	NE	NE	<10	<10	<10
	Acetone	NE	NE	<10	<10	<10
	Benzene	10	5	<1	<1	<1
	Bromobenzene	NE	NE	<1	<1	<1
	Bromochloromethane	NE	NE	<1	<1	<1
	Bromodichloromethane	NE	NE	<1	<1	<1
	Bromoform	NE	NE	<1	<1	<1
	Bromomethane	NE	NE	<1	<1	<1
	Carbon tetrachloride	10	5	<1	<1	<1
	Chlorobenzene	NE	100	<1	<1	<1
	Chloroethane	NE	NE	<1	<1	<1
	Chloroform	100	NE	<1	<1	<1

Table 2-13. 2009 RFI Groundwater Analytical Data for Solid Waste Management Unit WP-26, Sewage Lagoons (Concluded, Page 2 of 2)

Analysis (Method)		Location		KAFB-2625	KAFB-2626	
		Date		4/22/2009	4/22/2009	4/22/09-FD
		Sample Identifier		WP26-GW-2625-22042009	WP26-GW-2626-22042009	WP26-GW-2626-22042009FD
	Analyte	NMQWCC Standard	EPA MCL[b]			
VOCs (8260B) In µg/L	Chloromethane	NE	NE	<1	<1	<1
	cis-1,2-Dichloroethene	10	70	0.32 J	<1	<1
	cis-1,3-Dichloropropene	NE	NE	<1	<1	<1
	Dibromochloromethane	NE	NE	<1	<1	<1
	Dibromomethane	NE	NE	<1	<1	<1
	Dichlorodifluoromethane	NE	NE	<1	<1	<1
	Ethylbenzene	750	700	<1	<1	<1
	Hexachlorobutadiene	NE	NE	<1	<1	<1
	Isopropylbenzene	NE	NE	<1	<1	<1
	m,p-Xyene	620	10,000	<5	<5	<5
	Methyl tert-butyl ether (MtBE)	NE	NE	<1	<1	<1
	Methylene chloride	100	NE	<1	<1	<1
	Naphthalene	30	NE	<5	<5	<5
	n-Butylbenzene	NE	NE	<1	<1	<1
	n-Propylbenzene	NE	NE	<1	<1	<1
	o-Xylene	620	10,000	<1	<1	<1
	sec-Butylbenzene	NE	NE	<1	<1	<1
	Styrene	NE	100	<1	<1	<1
	Trichloroethene (TCE)	100	5	**6.6**	0.28 J	0.3 J
	tert-Butylbenzene	NE	NE	<1	<1	<1
	Tetrachloroethene (PCE)	20	5	<1	<1	<1
	Toluene	750	1,000	<1	<1	<1
	trans-1,2-Dichloroethene (trans-1,2-DCE)	10	100	<1	<1	<1
	trans-1,3-Dichloropropene	NE	NE	<1	<1	<1
	Vinyl chloride	1.0	2	<1	<1	<1
	Xylenes, total	620	10,000	<2	<2	<2

[a] Analytical methods are detailed in EPA, 1993 and EPA, 1996.

[b] For detected compounds, where no other regulatory limit is available, EPA Preliminary Remediation Goals are listed.

EPA MCL	U.S. Environmental Protection Agency Maximum Contaminant Level
FD	field duplicate
J	Data are estimated due to associated quality control data
µg/kg	micrograms per kilogram
mg/kg	milligrams per kilogram
NE	not established
NMWQCC	New Mexico Water Quality Control Commission
VOCs	volatile organic compounds

Shaded indicates positive analyitcal detection

Bold indicates a positive detection above screening criteria

2.3.3.2 Extent of Perched and Regional Groundwater Contamination

Groundwater is present in two alluvial zones beneath the former sewage lagoons. The perched groundwater zone is present at approximately 200 feet bgs, and the regional groundwater aquifer is present at approximately 500 feet bgs. The regional aquifer is a source of drinking water for Kirtland AFB and the city of Albuquerque in areas downgradient (north or northwest) of the former sewage lagoons. The perched groundwater zone beneath the former sewage lagoons is isolated and does not produce water of sufficient quality or quantity to supply municipal, industrial, or residential demands.

Groundwater in the perched zone beneath the former sewage lagoons is isolated from the larger perched groundwater to the east, and is present in a relatively thin and discontinuous layer. Monitoring wells KAFB-2623 and KAFB-2627 are located on the northeast side of the sewage lagoons and are both dry. Soil vapor monitoring point SV-112 was installed to a depth of 205 ft on the northeast side of the sewage lagoons and did not identify perched groundwater. Regional aquifer monitoring well KAFB-0507 on the northwest side of the former sewage lagoons did not identify perched groundwater during well drilling. Groundwater monitoring well KAFB-2601 located within the north cell of the sewage lagoons is dry. Monitoring well KAFB-2626 located west of the sewage lagoons appeared dry at the time of installation and was found to have a saturated thickness of only a few feet indicating a limited quantity of water present in the area. The greatest saturated thickness of perched groundwater occurs at monitoring wells KAFB-2622 and KAFB-2625 located along the western edge of the lagoons and at KAFB-0506 on the east side. Saturated thickness is less than 2 ft at monitoring well KAFB-2624.

The perched groundwater zone beneath the former sewage lagoons was recharged historically by water discharges to the former sewage lagoons. Infiltration of precipitation is not sufficient to recharge perched groundwater in the SWMU WP-26 area. There is clear evidence of diminishment in the volume of the perched groundwater beneath the former sewage lagoons. Groundwater elevations exhibit clear downward trends in many perched groundwater monitoring wells (Appendix B). Well development data indicates that recharge of groundwater into the perched zone monitoring wells is poor.

Groundwater elevation maps for recent data are presented in Figure 2-22 and Figure 2-23 for perched and regional groundwater, respectively. Groundwater flow in the perched groundwater zone is toward the northeast but does not extend far beyond the boundaries of the former sewage lagoons. Data from recent groundwater monitoring documented regional groundwater flow is north to northwest towards extraction wells, with gradients ranging from 0.001 to 0.002 ft/ft according to March 2009 and September 2008 data (USAF, 2009a).

The extent of groundwater contamination at the former sewage lagoons is restricted to the isolated perched groundwater zone beneath and adjacent to the former sewage lagoons. Groundwater contamination resultant for SWMU WP-26 activities is restricted to VOC contamination, of which TCE is the primary contaminant. The vertical extent is limited to the saturated interval of approximately 10 feet or less. The lateral extent of the groundwater contamination is estimated to be approximately 100 feet to the north, east, and south, and 250 feet west of the former sewage lagoons. Regional groundwater is not contaminated as a result of past operations at the sewage lagoons. Recent TCE groundwater concentrations are presented in Figure 2-24. According to a review of soil boring logs near the sewage lagoons (USAF, 2007b), downward migration of perched groundwater to the regional aquifer is greatly impeded by a relatively competent restrictive unit composed primarily of silts and clays.

2.3.3.3 Sources and Fate of Perched Groundwater Contamination

Contamination of the perched groundwater zone at SWMU WP-26 is likely the result of contaminants that were present in the sewage materials released historically to the former sewage lagoons. The TCE has been detected in perched groundwater samples at concentrations that exceed the EPA MCL but below the NMWQCC groundwater standard. Nitrate concentrations do not exceed the NMWQCC groundwater standard or the EPA MCL.

The VOC contamination of perched groundwater is largely consistent with VOC contamination of soil vapor at SWMU WP-26. However, fewer VOC contaminants (10 analytes) are detected in groundwater, and concentrations are typically low (less than 10 µg/L) for most groundwater detections. The VOC compounds of two distinct classes are detected in perched groundwater.

Chlorinated solvent: Solvent contamination in perched groundwater is clearly indicated by the consistent detection of TCE along with similar compounds PCE, 1,1-DCA, 1,1-DCE, cis-1,2-DCE and chloroform, and to a lesser extent with 1,3-DCB and 1,4-DCB. The TCE is the only VOC contaminant currently detected above the EPA MCLs. Trichloroethene and PCE were commonly used solvents during the period which the former sewage lagoons were active. Chloroform, 1,1-DCA, 1,1-DCE, and cis-1,2-DCE are common breakdown products of TCE and PCE (EPA, 1999b). It is not clear if chlorinated benzene detections indicate additional chlorinated VOC contaminants or reaction of TCE with other contaminants, such as fuels in the vadose zone.

Acetone: Acetone is frequently detected in perched groundwater at relatively low concentrations. This compound is a common product of biodegradation of organic mater, including fuel hydrocarbons (which are frequently detected in vadose zone soil vapor above).

2.3.4 Revised Conceptual Site Model

This section presents the revised CSM for soil vapor and perched groundwater at SWMU WP-26 based on data and analysis from the 2009 RFI and previous investigations. The primary findings of SWMU WP-26 relating to soil vapor and perched groundwater contamination are listed below.

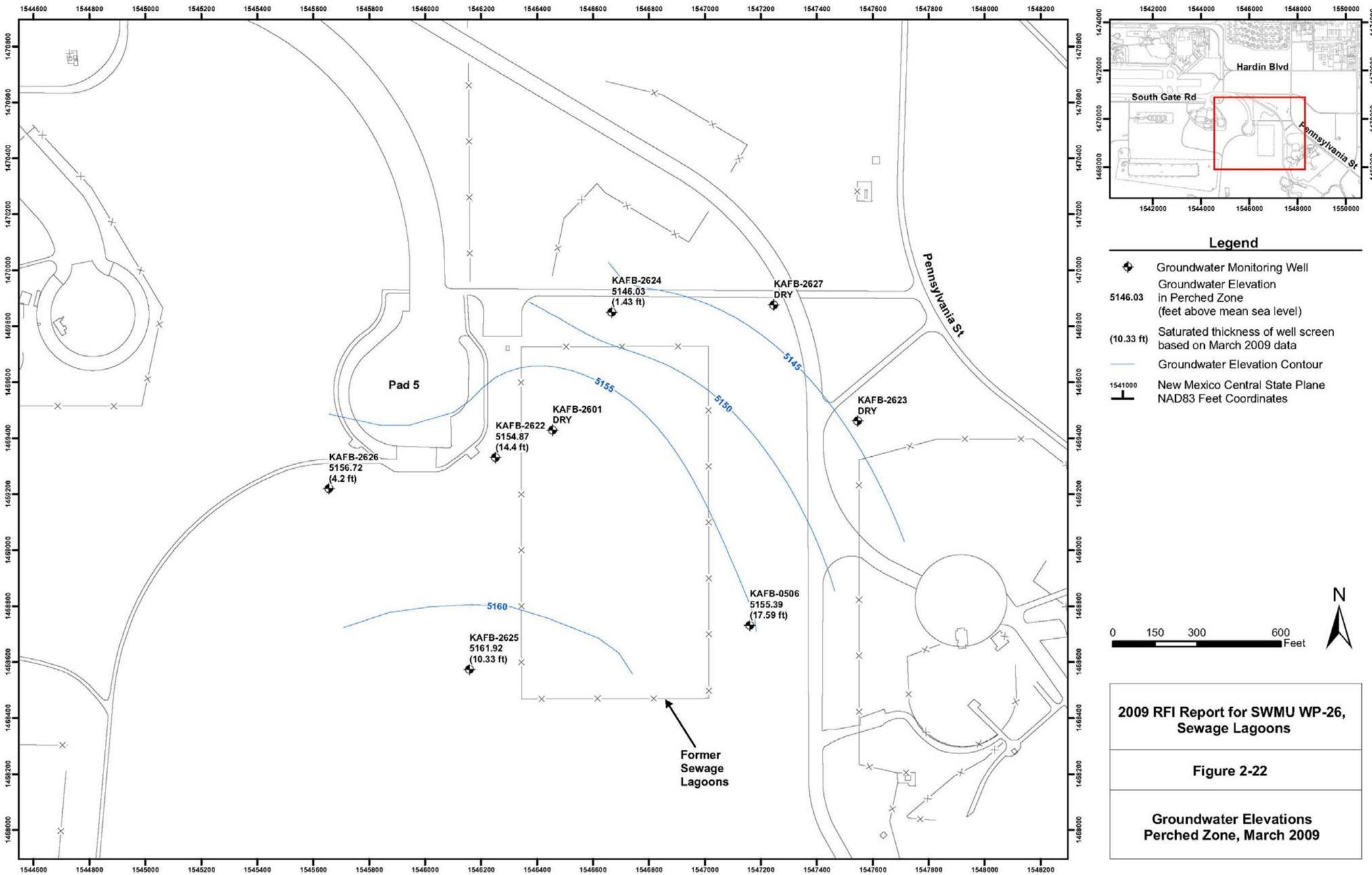
- The former sewage lagoons cover an area of approximately 14 acres for the north and south lagoons combined. The sewage lagoons are unlined and have concrete reinforced earthen berms.

- SWMU WP -26 received municipal and light industrial raw sewage for 6 to 8 months of every year for approximately 20 years. It is estimated that 330 million gallons of raw sewage were handled each year at the sewage lagoons.

- The COPCs for soil vapor and perched groundwater at SWMU WP-26 are limited to VOCs.

- Volatile organic compounds including chlorinated solvents, fuel hydrocarbons, fuel breakdown VOCs, and refrigerants (CFC) were identified in soil vapor. VOCs, including chlorinated solvents, were detected in perched groundwater beneath the sewage lagoons. Phase separated hydrocarbons or NAPL have not been observed and are not suspected to be present at the former sewage lagoons.

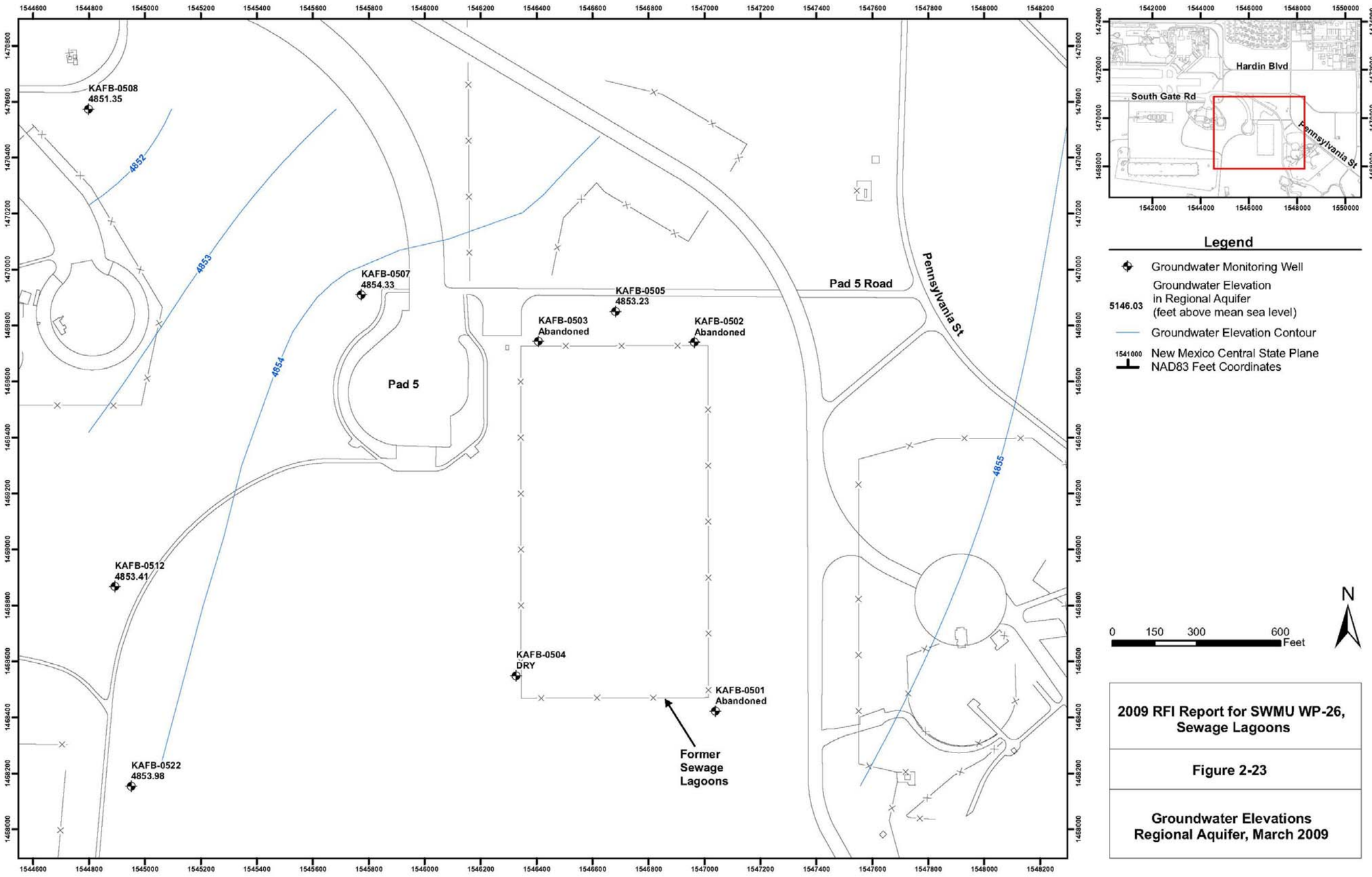
- The TCE is the only VOC detected in perched groundwater at concentrations greater than the MCL (5 µg/L for TCE). The TCE concentrations are less than the NMWQCC groundwater standard of 100 µg/L.



2009 RFI Report for SWMU WP-26, Sewage Lagoons

Figure 2-22

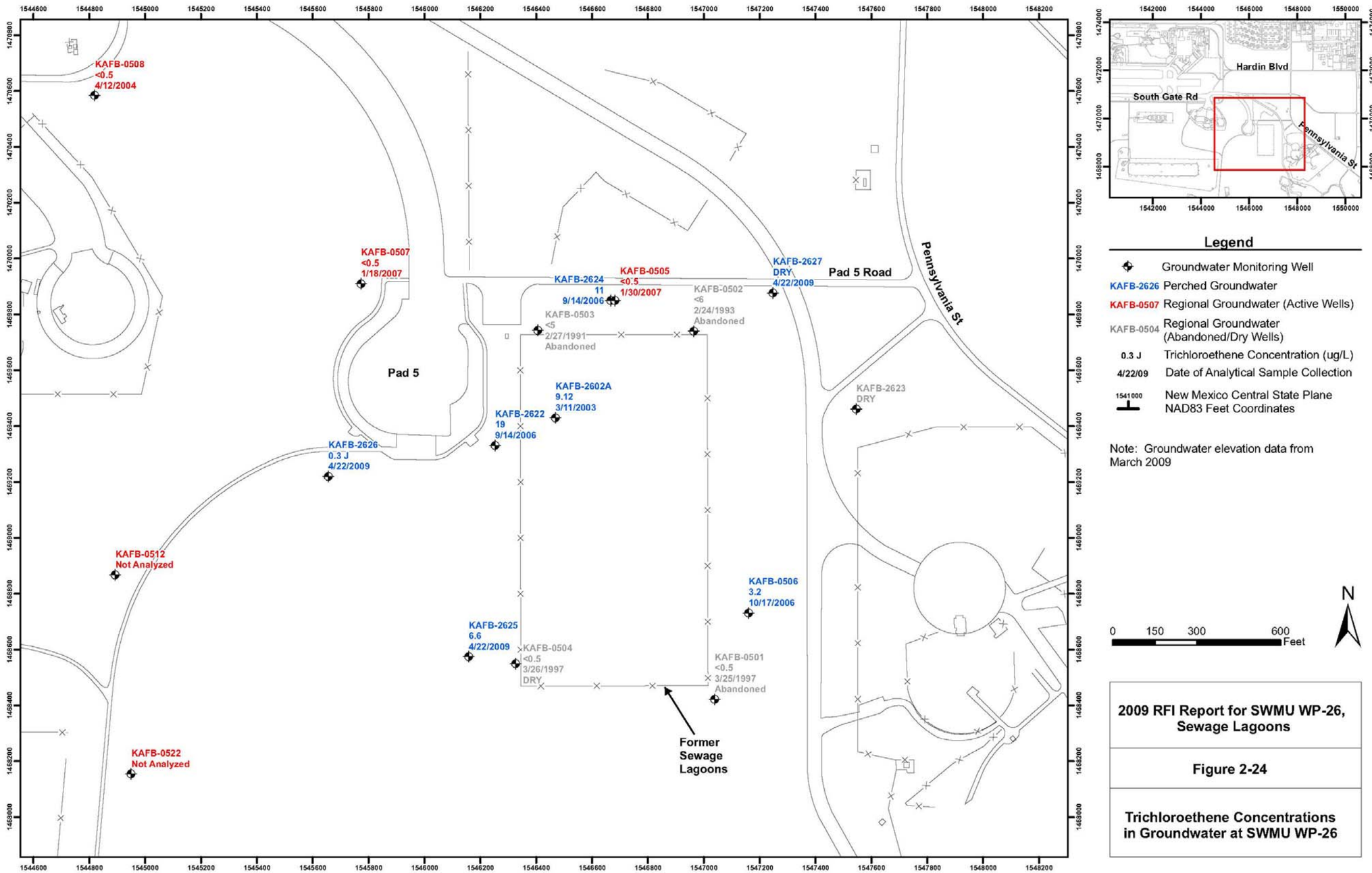
Groundwater Elevations Perched Zone, March 2009



2009 RFI Report for SWMU WP-26, Sewage Lagoons

Figure 2-23

Groundwater Elevations
Regional Aquifer, March 2009



2009 RFI Report for SWMU WP-26, Sewage Lagoons

Figure 2-24

Trichloroethene Concentrations in Groundwater at SWMU WP-26

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- Nitrate concentrations are less than the NMWQCC standard and MCL of 10 mg/L in perched groundwater (KAFB-2602A, -2622, -2624, 0506) and in most recent samples from regional groundwater monitoring wells (KAFB-0501, -0502, -0503, -0504, -0505, -0507) directly adjacent to the former sewage lagoons. The VOCs are not present in regional groundwater at or down gradient of the former sewage lagoons.

- Potential human receptors include site visitors and construction workers; access to the site is limited by a locked fence.

- Potential ecological receptors include small mammals, ground-dwelling birds and animals, foraging small birds, raptors, and plants.

- The potential exposure pathway is inhalation of VOCs from the vadose zone. The perched groundwater exposure pathway is considered incomplete because perched groundwater does not occur in sufficient quantities near the former sewage lagoons for even limited water production and is not used for any purpose.

2.3.4.1 Nature and Extent of Contamination

The contamination present at the former sewage lagoons is likely related to the management of sewage effluent at the site. Chlorinated solvents, petroleum fuels, and CFCs may have been present in the sewage effluent based on results of soil vapor analysis from the area. VOCs are present in soil vapor and perched groundwater beneath the former sewage lagoons. The distribution of the different VOCs in the subsurface may be related to the partitioning between different contaminant phases, from historic contaminant degradation, and from flow of subsurface fluids. Two different contaminant phases are observed at the former sewage lagoons: (1) a dissolved groundwater phase, and (2) volatilized in soil vapor phase. The extent of VOCs in vadose zone soil vapor is limited to the area within and immediately surrounding the former sewage lagoons. Soil vapor concentrations increases with depth until the perched groundwater zone is reached and tends to occur in areas where perched groundwater is present. VOCs, including PCE, TCE, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, methylene chloride, benzene, ethylbenzene, toluene, and xylenes, are present in the clay layer that the perched groundwater is perched on, as measured in soil vapor samples collected from the clay layer at SV-112 (205 ft bgs) and KAFB-2602 (225 ft bgs). TCE occurs at a concentration of 476 ppbv in monitoring point SV-112 at 205 ft bgs. The VOCs do not occur at elevated concentrations in soil vapor below the perched groundwater and perching clay layer, as measured in soil vapor samples KAFB-2620 (246 ft bgs) and KAFB 2621 (245 ft bgs). TCE occurs at an estimated concentration of 0.78 ppbv in soil vapor monitoring point KAFB-2621 at 245 ft bgs.

Perched groundwater occurs at a depth of approximately 200 ft bgs in the area of the former sewage lagoons. The perched groundwater at the sewage lagoons appears to be isolated and hydraulically separate from the larger body of perched groundwater located in the eastern portion of Kirtland AFB. VOCs and nitrate have been detected in perched groundwater at the former sewage lagoons. The TCE occurs at concentrations above the EPA MCL of 5 µg/L but below the NMWQCC groundwater standard of 100 µg/L in perched groundwater monitoring wells WP-2602A, KAFB-2622, KAFB-2624, KAFB-2625, and KAFB-2626. All other constituents are detected below their respective MCLs. Regional groundwater is not contaminated with COPCs from the former sewage lagoons.

2.3.4.2 Fate and Transport

The source of VOC contamination was likely dissolved phase VOCs in the sewage effluent that infiltrated during lagoon operation. Subsequent to infiltration, the dissolved phase contamination partitioned between the soil, soil vapor, and perched groundwater. Dissolved phase concentrations of TCE observed in perched groundwater are several orders of magnitude below the solubility limit indicating that separate phase or NAPL TCE is not present at the site. The distribution of VOCs in the subsurface is dependent on the contaminant fraction absorbed on the soil matrix, the dispersion of contaminated soil vapor, and the migration of contaminated perched groundwater.

In-situ degradation of TCE occurs primarily in anaerobic environments through reductive dechlorination. Chlorinated solvents, such as TCE, can be co-metabolized by anaerobic and facultative bacteria during consumption of a carbon source. Aerobic degradation can occur, but is rare in naturally occurring environments. The presence of cis-1,2 DCE and 1,1-DCE in some soil vapor samples and perched groundwater indicates that reductive dechlorination of TCE has occurred at the sewage lagoons. Organic carbon in the sewage effluent probably served as the carbon source for the reaction. However, the reduction of TCE is incomplete and TCE remains in the soil vapor and perched groundwater. The subsurface environment at the sewage lagoons is lacking in organic carbon and currently exhibits aerobic conditions. Therefore, further degradation of TCE and other chlorinated solvents is unlikely at the site.

Aerobic degradation of fuel hydrocarbon contaminants is supported by the moist aerobic conditions currently encountered in the vadose zone above the perched groundwater. The presence of elevated concentrations of MEK and acetone particularly around the perimeter of the soil vapor plume indicates the some degradation is occurring. Relatively high oxygen concentrations are consistently measured in the vicinity of the former sewage lagoons.

Contaminant migration from the perched groundwater and the overlying vadose zone to greater depths is significantly reduced by the presence of the clay layer below the perched groundwater zone. Current data do not indicate that perched groundwater contamination affects regional groundwater quality. Additionally, soil vapor contaminant concentrations are greatly reduced with depth below the perched groundwater and the clay layer.

3.0 SITE ASSESSMENTS

A screening assessment of soil vapor, soil, and perched groundwater data for samples collected near the former sewage lagoons was performed. Human health and ecological risk assessments for soil vapor and perched groundwater are currently being prepared under separate cover. Surface water and groundwater assessments are presented in the following sections. Calculations regarding the risk for migration of VOC contaminants to regional groundwater are presented and discussed.

3.1 Summary

The VOC contaminants may pose a potential risk to human and ecological receptors. Concentrations of chlorinated solvents and other VOCs are present in soil vapor; NMED has not established soil vapor screening levels for direct comparison. Soil samples collected as part of the 2009 RFI do not contain concentrations of nitrogen species or VOCs that exceed NMED residential SSLs. Surface water is not impacted by the presence of VOCs in soil vapor or perched groundwater. Concentrations of TCE exceed the EPA MCL of 5 µg/L in perched groundwater. The risk of contamination to the regional groundwater aquifer by migration of soil vapor is believed to be limited and VOCs are not present in regional groundwater near SWMU WP-26.

3.2 Screening Assessment

Soil vapor contaminants were detected throughout the vadose zone above the perched groundwater. Benzene, acetone, TCE, and MEK are among the most frequently detected compounds and are some of the indicator chemicals for solvent and fuel contamination and degradation products across SWMU WP-26. The NMED has not established soil vapor screening levels.

Soil samples collected as part of the 2009 RFI were analyzed for nitrogen species and VOCs. None of the detected analytes were found at concentrations that exceed NMED residential SSLs.

Detected TCE concentrations in perched groundwater in the vicinity of the former sewage lagoons ranges from 0.28 J to 31.6 µg/L. Trichloroethene was the only COPC detected in perched groundwater that exceeded the EPA MCL of 5 µg/L. All constituents detected in perched groundwater were below the NMWQCC screening level for groundwater.

3.3 Risk Assessment

Human health and ecological risk assessments were not prepared as part of this RFI. The human health and ecological risk assessments for soil vapor and perched groundwater at SWMU WP-26 are being prepared under a separate cover.

3.4 Other Applicable Assessments

3.4.1 Surface Water

A surface water assessment was performed to determine if contamination could be mobilized offsite. Based on data collected during the 2009 RFI, contaminants are not present at the surface outside of the former sewage lagoon and therefore can not be mobilized offsite. Earthen berms surrounding the former sewage lagoon prevent mobilization of contaminants from inside the lagoons to the surrounding areas. Storm water generated in the vicinity of the former sewage lagoons is conveyed away from the area through established drainage areas to Tijeras Arroyo located south of the former sewage lagoons.

3.4.2 Groundwater

The TCE and other chlorinated VOCs are present in perched groundwater in the area of the former sewage lagoons. Trichloroethene occurs at concentrations greater than the EPA MCL of 5 µg/L in several perched groundwater monitoring wells; TCE concentrations do not exceed the NMWQCC groundwater standard of 100 µg/L. The contaminated perched groundwater zone occurs at approximately 200 ft bgs and is separated by approximately 300 ft of unsaturated vadose zone above the regional groundwater aquifer that occurs at approximately 500 ft bgs.

The risk to regional groundwater quality by migration of perched groundwater to regional groundwater has been directly measured by analysis of groundwater samples in downgradient regional aquifer monitoring wells. The VOCs are not present in regional groundwater monitoring wells KAFB-0505, KAFB-0507, and KAFB-0508 which are located downgradient of the former sewage lagoons.

The risks to regional groundwater quality by migration of soil vapor contamination toward the regional aquifer are not clearly defined, because soil vapor contaminant migration does not necessarily follow groundwater flow patterns. VOC concentrations are elevated in the perched groundwater. In addition, VOC concentrations within the perching clay are high indicating that VOCs are present within the clay. Soil vapor concentrations measured in soil vapor monitoring points below the perched groundwater and perching clay layer have low VOC concentrations indicating that soil vapors are not migrating below the perched groundwater and clay layer.

To further evaluate if soil vapor contamination poses a risk to regional groundwater, simple calculations for dissolution of VOCs into groundwater were performed. Maximum soil vapor contaminant concentrations in samples collected from within the perching clay layer and beneath the perched groundwater zone (and closest to regional groundwater) were used in theses calculations. The results of the calculations do not indicate a significant risk to regional groundwater quality.

The following calculations were performed:

- Maximum detected soil vapor concentrations were converted to partial pressures by use of the Ideal Gas Law and Raoult Law (Appendix F).

- Partial pressure values were then used to convert soil vapor concentrations to regional groundwater concentrations by use of Henry's Law (Appendix F).

These calculations assume standard temperature and pressure, and equilibrium conditions between the soil vapor and regional groundwater. In addition, elevated soil vapor concentrations present in the perching clay layer were utilized in the calculations to identify a worst case scenario. As such, these calculations are believed to be conservative estimates for risk to regional groundwater in the vicinity of SWMU WP-26. All calculated resultant water concentrations were significantly below both the EPA MCLs and NMWQCC screening criteria, where available. A summary of the soil vapor concentrations, calculated partial pressures, and potential regional groundwater concentrations are presented in Table 3-1.

Table 3-1. Henry's Law Calculations, Solid Waste Management Unit WP-26, Sewage Lagoons

Chemical Class		Reported Vapor Sample Information					Maximum Partial Pressure	Potential Contaminant Concentration in Regional Groundwater [µg/L]	EPA MCL [µg/L]	NMWQCC Standard [µg/L]
	Location	SV-112	KAFB-2602	KAFB-0504	KAFB-2620	KAFB-2621				
	Depth (ft bgs)	205	222	470	246	245				
	Detected Compound	concentrations in ppbv								
Chlorinated Volatile Orgnic Compounds	Tetrachloroethene (PCE)	15.9 J	<5	< 2.9	1.6	<1.5	2.23	0.00654	5	20
	Trichloroethene (TCE)	476	90.8	< 3.7	1.1 F	0.78 F	52.8	0.06836	5	100
	1,1-Dichloroethane (1,1-DCA)	80.2	24.9	< 4.9	0.35 F	3.2	6.703	0.00373	NE	25
	1,1-Dichloroethene (1,1-DCE)	59.5	<5	< 4.9	<1.6	<1.5	4.87	0.01232	7	5
	cis-1,2-Dichloroethene (cis-1,2-DCE)	101.7	11.2	< 5	<1.6	<1.5	8.33	0.00329	70	NE
	Methylene chloride	< 5.7	14.5	13.9 J	<0.66 UB	<0.54 UB	1.04	0.00029	NE	100
CFC	Dichlorodifluoromethane (Freon-12)	< 2.2	<5	not analyzed	0.39 F	<1.5	0.0398	0.00165	NE	NE
Non-Halogenated and Petroleum Volatile Organic Compounds	Benzene	6.77J	16	< 6.2	66	54	4.35	0.00189	5	10.00
	Ethylbenzene	1879	6.9J	< 4.5	1.7	1.6	168.5	0.141	700	750
	Toluene	6782 J	740	19.0	91	88	528	0.32287	1000	750
	m,p-Xylenes	not analyzed	75.8	< 9.6	1.9	1.9	6.80	0.00498	10,000	620
	o-Xylenes	not analyzed	47	< 9.6	9.6	7.5	4.21	0.00309	10,000	620
	Xylenes, Total	10641	not analyzed				954.09	0.699	10,000	620
	1,2,4-Trimethylbenzene (1,2,4-TMB)	4.8	31.9	< 4	2.3	<1.5	3.24	0.0024	NE	NE
	1,3,5-Trimethylbenzene (1,3,5-TMB)	< 4	21	< 4	0.94 F	<1.5	2.13	0.00225	NE	NE
	Isopropylbenzene	46	not analyzed				2.13	0.0537	NE	NE
	2-Butanone (MEK)	32	77.9	20.6	2400	16	146	0.00007	NE	NE
	2-Hexanone	< 9.6	22	< 9.6	2.2 F	0.71 F	1.86	0.00006	NE	NE
	Acetone	1076	not analyzed	149	260	32 B	52.8	0.00012	NE	NE

Shaded cell indicates the maximum concentrations used in calculating the potential contaminant concentration in regional groundwater.

B - analyte detected in associated blank
CFC - chlorofluorocarbons
EPA MCL - U.S. Envrionmental Protection Agency Maximum Contaminant Level
F - estimated concentration
ft bgs - feet below ground surface
J - estimated concentration
NE - not established
NMWQCC - New Mexico Water Quality Control Commission
ppbv - parts per billion by volume
UB - analyte not detected due to associated blank data
µg/L - micrograms per liter

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4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

Data collected from the 2006 RFI and 2009 RFI provide sufficient information for evaluations of the nature and extent of contamination of soil vapor and perched groundwater. Soil vapor and perched groundwater are contaminated by VOCs.

Data indicate that the soil vapor in the vadose zone between the ground surface and the perched groundwater zone is contaminated with VOCs, including TCE, 1,1-DCA, fuel related VOCs such as benzene, toluene, ethylbenzene, and xylenes, and degradation products including acetone and MEK. Soil vapor concentrations tend to be highest on the west and northeast side of the former sewage lagoons and increase with depth towards the perched groundwater at 200 ft bgs. Soil vapor is contaminated to a much lesser degree in the vadose zone between the perched groundwater zone and the regional aquifer.

Groundwater in the perched zone is currently contaminated by VOCs. The TCE concentrations in perched groundwater exceed the EPA MCL for drinking water, but are below the NMWQCC standard for groundwater. Groundwater in the perched zone beneath the former sewage lagoons is isolated from the larger perched groundwater to the east, and is present in a relatively thin and discontinuous layer. Recent regional aquifer analytical data in the vicinity of the former sewage lagoons does not indicate that contamination from SWMU WP-26 affects the regional aquifer. The VOCs are not present in regional groundwater wells directly downgradient of SWMU WP-26.

4.2 Recommendations

It is recommended that a corrective measures study for soil vapor and perched groundwater be performed based on the results of this RFI and the risk assessment for soil vapor and perched groundwater, which is being prepared under a separate cover. Analytical data indicate that remediation of VOC contamination in and above the perched groundwater should be evaluated.

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APPENDIX A
Notice of Deficiency Letter and Response to Comments

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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BILL RICHARDSON
Governor

DIANE DENISH
Lieutenant Governor

RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT

October 20, 2008

Mr. Wayne Bitner, Chief, Restoration Section
377 MSG/CEANR
2050 Wyoming Blvd., Suite 118
Kirtland AFB, NM 87117-5270

RE: NOTICE OF DEFICIENCY: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION WORK PLAN FOR SOLID WASTE MANAGEMENT UNITS WP-026, SEWAGE LAGOONS AND GOLF COURSE MAIN POND, APRIL 2008
KIRTLAND AIR FORCE BASE, EPA ID# NM9570024423
KAFB-08-015

Dear Mr. Bitner:

The New Mexico Environment Department (NMED) reviewed the *Resource Conservation and Recovery Act Facility Investigation (RFI) Work Plan for Solid Waste Management Units WP-026, Sewage Lagoons and Golf Course Main Pond* (Work Plan) dated April 18, 2008. NMED is issuing this Notice of Deficiency to KAFB for purposes of clarifying the Work Plan and setting requirements for the subsequent RFI Report that will follow.

GENERAL COMMENTS

Several deficiencies in clarity and information supplied in support of the subject RFI Work Plan were noted by NMED personnel. Rather than have KAFB submit a separate response to the Comments below, KAFB may instead address the Comments in the RFI Report that will follow completion of the subject RFI Work Plan. Again, NMED cautions that any data (e.g., sampling analysis results, borehole data) or information (e.g., potentiometric surface maps) quoted in a

document that is used to support investigative conclusions or corrective action decisions must be supplied with the document.

Comment 1. ***2.2.2.2 Fate and Transport***

No potentiometric-surface maps or groundwater gradients are supplied with the subject RFI Work Plan. Review of the perched aquifer potentiometric-surface map in the *2006 Resource Conservation and Recovery Act Facility Investigation Comprehensive Report for Solid Waste Management Units WP-026, Sewage Lagoons and Golf Course Main Pond (August 2007)* shows a northeast gradient. However, the *Long-Term Groundwater Monitoring Summary and Baseline Determination Report (LTMR -- FY 2005)* perched aquifer potentiometric-surface map shows a north-by-northeast gradient. Furthermore, the LTMR potentiometric-surface map includes regional and perched groundwater elevation data in construction of its perched aquifer potentiometric-surface map. KAFB shall submit to NMED an accurate, up-to-date potentiometric-surface map with the forthcoming RFI Report.

Comment 2. Additional Investigation

There are no regional groundwater monitoring wells down gradient of WP-026. In the forthcoming RFI Report, KAFB shall submit to NMED a work plan for installing a sufficient number of regional monitoring wells around WP-026 to ensure that the regional groundwater is properly characterized.

Comment 3. The following information is missing in the subject RFI Work Plan; this information shall be included in the RFI Report that will follow implementation of the RFI Work Plan.

- Aquifer data:
    - Potentiometric surface maps of the perched and regional aquifers; no potentiometric-surface maps or groundwater gradients are supplied with the subject RFI Work Plan. Review of the perched aquifer potentiometric-surface map in the *2006 Resource Conservation and Recovery Act Facility Investigation Comprehensive Report for Solid Waste Management Units WP-026, Sewage Lagoons and Golf Course Main Pond (August 2007)* shows a northeast gradient. However, the *Long-Term Groundwater Monitoring Summary and Baseline Determination Report (LTMR -- FY 2005)* perched aquifer potentiometric-surface map shows a north-by-northeast gradient. Furthermore, the LTMR potentiometric-surface map includes regional and perched groundwater elevation data in construction of its perched aquifer potentiometric-surface map. these maps shall generally agree with the potentiometric surface maps generated in the course of other KAFB investigations.
    - Hydrographs for all monitoring wells used for the report.
    - Data from any aquifer tests conducted by KAFB or data from tests conducted by others that are used by KAFB.
- New monitoring wells and soil-vapor monitoring wells:

- Horizontal and vertical location of the well as determined by a licensed surveyor and at an accuracy within normal industry standards. If the location of a particular well was not determined by a licensed surveyor, indicate the method used to determine the well location.
- Vertical location of measuring point (normally top of casing – mark the actual measuring point) and stickup at an accuracy within normal industry standards.
- Elevation of top and bottom of well screen.
- Annotation of whether the well is a perched, merging, or regional aquifer well;
- Types of geophysical logging conducted (gamma, neutron, resistivity, etc.).
- Predominant geophysical logging condition (mudded hole, through steel drive casing, through installed well, etc.).
- Predominant drilling method (mud rotary, air rotary casing hammer, etc.).
- Material type for screen and riser (PVC, steel, etc.).
- All historic water level measurements (dates, depth to water below measuring point, groundwater elevation) including initial water levels. This information can be submitted in a separate electronic file from the Well Summary Report.
- Historic ground water quality data with special emphasis on water quality data for nitrate, chloride, specific conductance, total dissolved solids, and contaminants (contaminants are herein defined in this case as constituents detected above background levels). This information can be submitted in a separate electronic file from the Well Summary Report.
- Monitoring well construction diagrams, geologic logs, and completion and development data.

- All monitoring wells:
  - Screen depths/elevations shall be supplied with data spread sheets.
  - Annotation of whether the well is abandoned (and date of abandonment) or active.
  - KAFB shall supply a summary of groundwater data collected for existing and new monitoring wells whether or not KAFB considers the wells to be contaminated.
- Corrective Measures
  - Existing groundwater contamination
    - KAFB shall propose corrective actions designed to mitigate the source for the TCE plume in groundwater.
    - KAFB shall propose corrective actions to mitigate solvent contamination in groundwater.
  - Potential groundwater contamination

NMED notes that several solvents other than TCE exist in the soil-vapor plume and are contaminating groundwater. KAFB shall calculate the potential threat to groundwater (both perched and regional) of the various solvent soil-vapor plumes based on their partitioning coefficients.

The Permittees shall respond to this NOD within 90 days of receipt of this letter. If you have any questions regarding this matter, please contact William McDonald of my staff at (505) 222-9582.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: W. Moats, NMED, HWB
W. McDonald, NMED, HWB
L. King, EPA-Region 6 (6PD-N)
File: Reading and KAFB 2008
KAFB-08-015

Comment Response Matrix
Resource Conservation and Recovery Act Facility Investigation Work Plan for Solid Waste Management Unit WP-026, Sewage Lagoons and Golf Course Main Pond, April 2008
Comment Date: October 20, 2008

#	Location Section	Comment	Reviewer	Kirtland Air Force Base's Response
1	2.2.2.2	KAFB shall submit to NMED an accurate, up-to-date potentiometric-surface map with the forthcoming RFI Report.	NMED	Perched and regional groundwater potentiometric surface maps are provided as figure 2-22 and 2-23.
2	Additional Investigation	In the forthcoming RFI Report, KAFB shall submit to NMED a work plan for installing a sufficient number of regional monitoring wells around WP-026 to ensure that the regional groundwater is properly characterized.	NMED	Per the request of NMED, a letter addendum work plan for the installation of one regional groundwater monitoring well is included as Appendix F to the RFI report.
3	Missing Information	Aquifer Data: Potentiometric surface maps of the perched and regional aquifers. Hydrographs for all monitoring wells used in the report. Data from any aquifer tests conducted by KAFB or data from tests conducted by others that are used by KAFB. New monitoring wells and soil-vapor monitoring wells required information: All monitoring wells: Screen depths/elevations shall be provided with data spreadsheets. Annotation of whether the well is abandoned or active. KAFB shall supply a summary of groundwater data collected for existing and new monitoring wells whether of not KAFB considers the wells to be contaminated.	NMED	Maps are included as figure 2-22 and 2-23. Hydrographs are included in Appendix A. Aquifer test data from the nitrate abatement program are included in Appendix A. Well completion information for all soil vapor and groundwater monitoring wells installed as part of this 2009 RFI are included in Appendix B. Well information is included in Appendix A. Well information is included in Appendix A. Groundwater data is included in section 2 of the RFI report and in Appendix A.

Comment Response Matrix
Resource Conservation and Recovery Act Facility Investigation Work Plan for Solid Waste Management Unit WP-026, Sewage Lagoons and Golf Course Main Pond, April 2008
Comment Date: October 20, 2008

#	Location Section	Comment	Reviewer	Kirtland Air Force Base's Response
3	Missing Information Continued	Corrective Measures: Existing groundwater contamination – KAFB shall propose corrective actions designed to mitigate the source for the TCE plume in groundwater; KAFB shall propose corrective actions to mitigate solvent contamination in groundwater. Potential groundwater contamination – NMED notes that several solvents other than TCE exist in the soil-vapor plume and are contaminating groundwater. KAFB shall calculate the potential threat to groundwater (both perched and regional) of various solvent soil vapor plumes based on their partitioning coefficients.	NMED	A recommendation for a corrective measures study was proposed in section 4 of the RFI report. Perched groundwater is contaminated with solvents and highest vapor concentrations are present in areas with highest groundwater concentrations. The potential threat to regional groundwater was calculated using soil vapor data from the perching clay layer and below the clay layer to determine if regional groundwater might be impacted. Calculations are included in section 3 and Appendix E of the RFI report.

APPENDIX B
Historical Data Tables for Soil Vapor and Groundwater Analytical Results and Hydrographs

Table B-1. Soil Vapor Analytical Results from 2002 through 2004, Solid Waste Management Unit WP -26, Sewage Lagoons

Sample Identification	Well	Depth (ft bgs)	Analyte / Date	Hexachlorobutadiene	1,2,4-Trichlorobenzene (1,2,4-TCB)	1,2-Dichlorobenzene (1,2-DCB)	1,3-Dichlorobenzene (1,3-DCB)	1,4-Dichlorobenzene (1,4-DCB)	Chlorobenzene	1,2-Dichloropropane (1,2-DCP)	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Tetrachloroethene (PCE)	1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	Trichloroethene (TCE)	1,1,1-Trichloroethane (1,1,1-TCA)	1,1,2-Trichloroethane (1,1,2-TCA)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichloroethane (1,2-DCA)	cis-1,2-Dichloroethene (cis-1,2-DCE)	trans-1,2-Dichloroethene (trans-1,2-DCE)	Vinyl chloride (VC)	Chloroethane	Methylene chloride	Chloromethane
WP2601Q402	KAFB-2601	192.5	Nov-02	- -	<1	<1	<1	<1	<1	<1	<1	<1	1.39	<1	27.6	<1	<1	35.1	1.69	<1	3.09	<1	0.57J	<1	3.79	<1
WP2601Q103	KAFB-2601	192.5	2/19/2003	- -	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	19.5	<3.85	<3.85	19.9	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	28.1	<3.85
WP2602DQ402	KAFB-2602D	180	Nov-02	- -	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4.12	<1
WP2602DQ103	KAFB-2602D	180	2/19/2003	- -	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17.3	<0.5
WP2602CQ402	KAFB-2602C	210	Nov-02	- -	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.01	<1
WP2602CQ103	KAFB-2602C	210	2/19/2003	- -	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	0.89J	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	17.4	<0.62
WP2602BQ402	KAFB-2602B	225	Nov-02	- -	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.1	<1	<1	2.21	<1	<1	0.92J	<1	<1	<1	3.75	<1
WP2602BQ103	KAFB-2602B	225	2/19/2003	- -	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90.8	<5	<5	24.9	<5	<5	11.2	<5	<5	<5	14.5	<5
WP26-2603-SG-25A	KAFB-2603	25	10/4/2004	<2.5	1.5 F	<2.5	0.54 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	<2.5	<2.5	1.3 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
WP26-2603-SG-50B	KAFB-2603	50	10/4/2004	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	11	<2.9	<2.9	5.6	1.4 F	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
WP26-2603-SG-75C	KAFB-2603	75	10/4/2004	<3	<3	<3	1.4 F	<3	<3	<3	<3	<3	<3	<3	25	<3	<3	12	2.9 F	<3	<3	<3	<3	<3	<3	<3
WP26-2603-SG-100D	KAFB-2603	100	10/4/2004	<2.5	<2.5	<2.5	1.1 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	12	<2.5	<2.5	14	3.7	<2.5	0.83 F	<2.5	<2.5	<2.5	<2.5	<2.5
WP26-2603-SG-125E	KAFB-2603	125	10/4/2004	<2.7	<2.7	<2.7	1.4 F	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	2.7	<2.7	<2.7	1.2 F	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2604-SG-25A	KAFB-2604	25	10/7/2004	<2.8	<2.8	<2.8	0.66 F	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	1.1 F	<2.8	<2.8	4.1	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
WP26-2604-SG-50B	KAFB-2604	50	10/7/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	7.2	<2.6	<2.6	35	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2604-SG-75C	KAFB-2604	75	10/7/2004	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	2.8	<2.1	<2.1	16	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
WP26-2604-SG-100D	KAFB-2604	100	10/7/2004	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	13	<3	<3	100	2 F	<3	1.2 F	<3	<3	<3	<3	<3
WP26-2604-SG-125E	KAFB-2604	125	10/7/2004	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	0.75 F	<2.1	<2.1	3.7	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
WP26-2605-SG-25A	KAFB-2605	25	10/7/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	0.93 F	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
WP26-2605-SG-2599	KAFB-2605	25	10/7/2004	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	1.1 F	<2.3	<2.3	38	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
WP26-2605-SG-50B	KAFB-2605	50	10/7/2004	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	1.1 F	<2.9	<2.9	<2.9	1.6 F	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
WP26-2605-SG-75C	KAFB-2605	75	10/7/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	1.8 F	0.59 F	<2.2	140	2.9	<2.2	1.1 F	<2.2	<2.2	<2.2	<2.2	<2.2
WP26-2605-SG-100D	KAFB-2605	100	10/7/2004	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	2.5	0.75 F	<2.1	<2.1	4	<2.1	1.8 F	<2.1	<2.1	<2.1	0.98 F	<2.1
WP26-2605-SG-115E	KAFB-2605	115	10/7/2004	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	2.3 F	0.69 F	<3	210	5.7	<3	2.5 F	<3	<3	<3	2.1 F	<3
WP26-2606-SG-25A	KAFB-2606	25	10/5/2004	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	21	<2.8	<2.8	1.8 F	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
WP26-2606-SG-50B	KAFB-2606	50	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	0.71 F	<2.7	50	<2.7	<2.7	5.1	1 F	<2.7	1.1 F	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2606-SG-5099	KAFB-2606	50	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	32	<2.7	<2.7	4	0.821 F	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2606-SG-75C	KAFB-2606	75	10/5/2004	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	57	<2.9	<2.9	<2.9	2 F	<2.9	1.6 F	<2.9	<2.9	<2.9	<2.9	<2.9
WP26-2606-SG-100D	KAFB-2606	100	10/5/2004	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	1.4 F	<2.9	110	<2.9	<2.9	10	3.5	<2.9	3.4	<2.9	<2.9	<2.9	<2.9	<2.9
WP26-2606-SG-125E	KAFB-2606	125	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	110	<2.7	<2.7	12	5.6	<2.7	6.8	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2607-SG-25A	KAFB-2607	25	10/7/2004	<3	<3	<3	1.1 F	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	36	<3	<3	<3	<3	<3	<3	<3	<3
WP26-2607-SG-50B	KAFB-2607	50	10/11/2004	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	0.87 F	<2.8	<2.8	170	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	2.6 F	<2.8
WP26-2607-SG-75C	KAFB-2607	75	10/11/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	0.46 F	<2.2	<2.2	<2.2	<2.2	1.3 F	<2.2	<2.2	260	0.68 F	<2.2	0.8 F	<2.2	<2.2	<2.2	11	<2.2
WP26-2607-SG-100D	KAFB-2607	100	10/11/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	1.7 F	<2.7	<2.7	440	1.4 F	<2.7	2.1 F	<2.7	<2.7	<2.7	9.3	<2.7
WP26-2607-SG-125E	KAFB-2607	125	10/11/2004	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	3.5	<3	<3	580	2.3 F	<3	4.1	<3	<3	<3	11	<3
WP26-2607-SG-12599	KAFB-2607	125	10/11/2004	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	1.3 F	<3.2	<3.2	440	1.9 F	<3.2	2.6 F	<3.2	<3.2	<3.2	9.3	<3.2
WP26-2608-SG-25A	KAFB-2608	25	10/6/2004	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	4.3	<2.8	<2.8	4.1	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
WP26-2608-SG-50B	KAFB-2608	50	10/6/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	9.3	<2.4	<2.4	11	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
WP26-2608-SG-75C	KAFB-2608	75	10/6/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	26	0.84 F	<2.6	29	2.4 F	<2.6	2.5 F	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2608-SG-7599	KAFB-2608	75	10/6/2004	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	13	0.71 F	<3.2	25	2.2 F	<3.2	1.9 F	<3.2	<3.2	<3.2	<3.2	<3.2
WP26-2608-SG-100D	KAFB-2608	100	10/6/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	0.64 F	<2.2	23	0.72 F	<2.2	23	3.1	<2.2	2.9	<2.2	<2.2	<2.2	2.4	<2.2
WP26-2608-SG-125E	KAFB-2608	125	10/6/2004	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	37	0.87 F	<3	32	6.6	<3	6.6	<3	<3	<3	<3	<3
WP26-2609-SG-25A	KAFB-2609	25	10/11/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1 F	<2.5	<2.5	7.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
WP26-2609-SG-50B	KAFB-2609	50	10/11/2004	<0.59UB	1.3 F	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	5.3	<2.6	<2.6	42	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2609-SG-75C	KAFB-2609	75	10/11/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	8.1	<2.4	<2.4	74	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
WP26-2609-SG-100D	KAFB-2609	100	10/11/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	13	<2.5	<2.5	150	1.9 F	<2.5	1.3 F	<2.5	<2.5	<2.5	<2.5	<2.5
WP26-2609-SG-121E	KAFB-2609	121	10/11/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	11	<2.2	<2.2	190	2.7	<2.2	1.8 F	<2.2	<2.2	<2.2	4.5	<2.2
WP26-2610-SG-115E	KAFB-2610	115	10/11/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	0.74 F	<2.6	9.3	1.5 F	<2.6	290	6.6	<2.6	6.7	<2.6	<2.6	<2.6	8	<2.6
WP26-2610-SG-75C	KAFB-2610	75	10/14/2004	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.42 F	<2	4.5	0.86 F	<2	160	2.1	<2	2.2	<2	<2	<2	4.1	<2
WP26-2610-SG-100D	KAFB-2610	100	10/14/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	0.5 F	<2.2	3.7	0.64 F	<2.2	110	1.4 F	<2.2	1.4 F	<2.2	<2.2	<2.2	9.4	<2.2
WP26-2611-SG-25A	KAFB-2611	25	10/11/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	3.1	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2611-SG-50B	KAFB-2611	50	10/11/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	1.4 F	<2.7	<2.7	25	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2611-SG-75C	KAFB-2611	75	10/11/2004	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	7.7	<2.3	<2.3	79	1.2 F	<2.3	<2.3	<2.3	<2.3	<2.3	1.9 F	<2.3
WP26-2611-SG-100D	KAFB-2611	100	10/11/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	12	0.64 F	<2.5	180	2.9	<2.5	1.2 F	<2.5	<2.5	<2.5	14	<2.5
WP26-2611-SG-115E	KAFB-2611	115	10/11/2004	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	12	0.65 F	<2.8	210	3.6	<2.8	1.4 F	<2.8	<2.8	<2.8	18	<2.8

Table B-1. Soil Vapor Analytical Results from 2002 through 2004, Solid Waste Management Unit WP -26, Sewage Lagoons

Sample Identification	Well	Depth (ft bgs)	Analyte / Date	Hexachlorobutadiene	1,2,4-Trichlorobenzene (1,2,4-TCB)	1,2-Dichlorobenzene (1,2-DCB)	1,3-Dichlorobenzene (1,3-DCB)	1,4-Dichlorobenzene (1,4-DCB)	Chlorobenzene	1,2-Dichloropropane (1,2-DCP)	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Tetrachloroethene (PCE)	1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	Trichloroethene (TCE)	1,1,1-Trichloroethane (1,1,1-TCA)	1,1,2-Trichloroethane (1,1,2-TCA)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichloroethane (1,2-DCA)	cis-1,2-Dichloroethene (cis-1,2-DCE)	trans-1,2-Dichloroethene (trans-1,2-DCE)	Vinyl chloride (VC)	Chloroethane	Methylene chloride	Chloromethane
		Analytical Methods		VOCs by TO-14A and TO-15 (ppbv) for samples analyzed in 2002 to 2004.																						
WP26-2612-SG-25A	KAFB-2612	25	10/12/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	6.5	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2612-SG-50B	KAFB-2612	50	10/12/2004	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	18	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
WP26-2612-SG-75C	KAFB-2612	75	10/12/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	1.5 FJ	<2.6	<2.6	85 J	1.1 FJ	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2612-SG-100D	KAFB-2612	100	10/12/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	3.8	0.9 F	<2.4	220	3	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
WP26-2612-SG-120E	KAFB-2612	120	10/13/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	8.3	1.4 F	<2.6	380	5.9	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2612-SG-12099	KAFB-2612	120	10/13/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	8.4	1.4 F	<2.5	400	5.7	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
WP26-2613-SG-25A	KAFB-2613	25	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	8.6	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2613-SG-50B	KAFB-2613	50	10/5/2004	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	36	<2.8	<2.8	<2.8	1.7 F	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
WP26-2613-SG-75C	KAFB-2613	75	10/5/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.77 F	<2.5	49	<2.5	<2.5	0.8 F	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
WP26-2613-SG-100D	KAFB-2613	100	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	0.75 F	<2.7	59	<2.7	<2.7	<2.7	4.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2613-SG-125E	KAFB-2613	125	10/5/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	1 F	<2.6	87	<2.6	<2.6	4	6.6	<2.6	0.82 F	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2614-SG-25A	KAFB-2614	25	10/12/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	15	<2.5	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2614-SG-50B	KAFB-2614	50	10/12/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.69 F	<2.5	<2.5	49	<2.5	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2614-SG-75C	KAFB-2614	75	10/12/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	0.89 F	<2.6	<2.6	83	<2.6	<2.6	<2.6	<2.6 UJ	<2.6	<2.6	0.52 F	<2.6
WP26-2614-SG-100D	KAFB-2614	100	10/12/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	1.4 F	<2.4	<2.4	190	1.1 F	<2.4	<2.4	<2.4 UJ	<2.4	<2.4	2 F	<2.4
WP26-2614-SG-115E	KAFB-2614	115	10/12/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	1 F	<2.4	<2.4	220	1.3 F	<2.4	1.1 F	<2.4 UJ	<2.4	<2.4	8.8	<2.4
WP26-2615-SG-25A	KAFB-2615	25	10/6/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
WP26-2615-SG-50B	KAFB-2615	50	10/6/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	1.4 F	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
WP26-2615-SG-75C	KAFB-2615	75	10/6/2004	<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	<2.1	<2.1	<2.1	<2.1	<2.1
WP26-2615-SG-100D	KAFB-2615	100	10/6/2004	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	1 F	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
WP26-2615-SG-125E	KAFB-2615	125	10/6/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	2.7	<2.6	<2.6	0.55 F	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
WP26-2616-SG-25A	KAFB-2616	25	10/13/2004	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	0.58 F	<2.3	<2.3	0.86 F	<2.3	<2.3	<2.3	<2.3 UJ	<2.3	<2.3	<2.3	<2.3
WP26-2616-SG-50B	KAFB-2616	50	10/13/2004	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	3.8	<2.3	<2.3	4.7	<2.3	<2.3	<2.3	<2.3 UJ	<2.3	<2.3	<2.3	<2.3
WP26-2616-SG-5099	KAFB-2616	50	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	4.1	<2.4	<2.4	4.6	<2.4	<2.4	<2.4	<2.4 UJ	<2.4	<2.4	<2.4	<2.4
WP26-2616-SG-75C	KAFB-2616	75	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	6.2	<2.4	<2.4	12	<2.4	<2.4	<2.4	<2.4 UJ	<2.4	<2.4	<2.4	<2.4
WP26-2616-SG-100D	KAFB-2616	100	10/13/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	14	<2.2	<2.2	43	0.9 F	<2.2	<2.2	<2.2 UJ	<2.2	<2.2	<2.2	<2.2
WP26-2616-SG-120E	KAFB-2616	120	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	19	<2.4	<2.4	62	1.5 F	<2.4	<2.4	<2.4 UJ	<2.4	<2.4	<2.4	<2.4
WP26-2617-SG-25A	KAFB-2617	25	10/13/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	1.5 F	<2.4	<2.4	0.86 F	<2.4	<2.4	<2.4	<2.4 UJ	<2.4	<2.4	<2.4	<2.4
WP26-2617-SG-50B	KAFB-2617	50	10/13/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	4.2	<2.2	<2.2	6.1	<2.2	<2.2	<2.2	<2.2 UJ	<2.2	<2.2	<2.2	<2.2
WP26-2617-SG-75C	KAFB-2617	75	10/13/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	4.9	<2.6	<2.6	10	<2.6	<2.6	<2.6	<2.6 UJ	<2.6	<2.6	<2.6	<2.6
WP26-2617-SG-100D	KAFB-2617	100	10/13/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	13	<2.5	<2.5	66	3.7	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2617-SG-115E	KAFB-2617	115	10/13/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	6.4	<2.6	<2.6	92	6	<2.6	<2.6	<2.6 UJ	<2.6	<2.6	<2.6	<2.6
WP26-2618-SG-25A	KAFB-2618	25	10/14/2004	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	2.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1 UJ	<2.1	<2.1	<2.1	<2.1
WP26-2618-SG-50B	KAFB-2618	50	10/14/2004	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	10	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4 UJ	<2.4	<2.4	<2.4	<2.4
WP26-2618-SG-75C	KAFB-2618	75	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.84 F	<2.5	22	<2.5	<2.5	<2.5	0.92 F	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2618-SG-7599	KAFB-2618	75	10/14/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	0.97 F	<2.6	23	<2.6	<2.6	<2.6	1 F	<2.6	<2.6	<2.6 UJ	<2.6	<2.6	<2.6	<2.6
WP26-2618-SG-100D	KAFB-2618	100	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 F	<2.5	44	<2.5	<2.5	1.5 F	3.9	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2618-SG-125E	KAFB-2618	125	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.99 F	<2.5	47	<2.5	<2.5	1.8 F	5.1	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2619-SG-25A	KAFB-2619	25	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2619-SG-2599	KAFB-2619	25	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.65 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2619-SG-50B	KAFB-2619	50	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5 UJ	<2.5	<2.5	<2.5	<2.5
WP26-2619-SG-75C	KAFB-2619	75	10/14/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	0.56 F	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6 UJ	<2.6	<2.6	<2.6	<2.6
WP26-2619-SG-100D	KAFB-2619	100	10/14/2004	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	1.3 F	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3 UJ	<2.3	<2.3	<2.3	<2.3
WP26-2619-SG-125E	KAFB-2619	125	10/14/2004	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	0.84 F	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2 UJ	<2.2	<2.2	<2.2	<2.2
WP26-2620-SG-141A	KAFB-2620	141	12/8/2004	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	2.4	<1.2	79	<1.2	<1.2	14	4.2	<1.2	11	<1.2	<1.2	<1.2	<0.56UB	<1.2
WP26-2620-SG-181B	KAFB-2620	181	12/8/2004	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	0.47 F	<1.6	<1.6	2.9	<1.6	150	<1.6	<1.6	67	18	<1.6	35	<1.6	<1.6	<1.6	<1.7 UB	<1.6
WP26-2620-SG-197C	KAFB-2620	197	12/8/2004	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
WP26-2620-SG-19799	KAFB-2620	197	12/8/2004	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
WP26-2620-SG-246D	KAFB-2620	246	12/8/2004	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	1.6	<1.6	1.1 F	<1.6	<1.6	0.35 F	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<0.66 UB	<1.6
WP26-2621-SG-141A	KAFB-2621	141	12/8/2004	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	0.3 F	<1.5	<1.5	0.93 F	<1.5	17	1.1 F	<1.5	290	7.4	<1.5	1.1 F	<1.5	<1.5	<1.5	<2.3 UB	<1.5
WP26-2621-SG-165B	KAFB-2621	165	12/8/2004	<1.6	<1.6	<1.6	<1.6	0.47 F	<1.6	<1.6	<1.6	<1.6	1.4 F	<1.6	27	0.77 F	<1.6	300	11	<1.6	2.1	<1.6	<1.6	<1.6	<4.4 UB	<1.6
WP26-2621-SG-191C	KAFB-2621	191	12/8/2004	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	1.6	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
WP26-2621-SG-245D	KAFB-2621	245	12/8/2004	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	0.78 F	<1.5	<1.5	3.2	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.54 UB	<1.5

Table B-1. Soil Vapor Analytical Results from 2002 through 2004, Solid Waste Management Unit WP -26, Sewage Lagoons

Sample Identification	Well	Depth (ft bgs)	Analyte / Date	Chloroform	Carbon tetrachloride	1,1,2-Trichloro-1,2,2-trifluoroethane	Trichlorofluoromethane	1,2-Dichlorotetrafluoroethane	Dichlorodifluoromethane (Freon-12)	1,2-Dibromoethane (Ethylene dibromide)	Bromoform	Bromomethane	Benzene	Ethylbenzene	Toluene	m,p-Xylenes	o-Xylenes	tert-Butyl methyl ether (MtBE)	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Methyl ethyl ketone [MEK] (2-Butanone)	Methyl isobutyl ketone (4-Methyl-2-pentanone)	2-Hexanone	Acetone	Carbon disulfide	Styrene
		Analytical Methods		VOCs by TO-14A and TO-15 (ppbv) for samples analyzed in 2002 to 2004.																						
WP2601Q402	KAFB-2601	192.5	Nov-02	<1	<1	<1	<1	<1	0.52J	<1	<1	<1	0.77J	<1	1.28	<2	<2	- -	<1	<1	- -	- -	- -	- -	- -	<1
WP2601Q103	KAFB-2601	192.5	2/19/2003	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	<3.85	47	<3.85	713	<3.85	<3.85	- -	<3.85	<3.85	- -	- -	- -	- -	- -	<3.85
WP2602DQ402	KAFB-2602D	180	Nov-02	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.55J	<1	6.84	<2	<2	- -	<1	<1	- -	- -	- -	- -	- -	<1
WP2602DQ103	KAFB-2602D	180	2/19/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.17	0.81J	28.4	2.34	0.86J	- -	0.51J	<0.5	- -	- -	- -	- -	- -	0.62J
WP2602CQ402	KAFB-2602C	210	Nov-02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	16.8	1.19J	<1	- -	<1	<1	- -	- -	- -	- -	- -	<1
WP2602CQ103	KAFB-2602C	210	2/19/2003	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	55.5	1.49J	<0.62	- -	<0.62	<0.62	- -	- -	- -	- -	- -	<0.62
WP2602BQ402	KAFB-2602B	225	Nov-02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.55J	6.06	1.62J	<1	- -	<1	<1	- -	- -	- -	- -	- -	<1
WP2602BQ103	KAFB-2602B	225	2/19/2003	<5	<5	<5	<5	<5	<5	<5	<5	<5	16	6.9J	740	75.8	47	- -	31.9	21	- -	- -	- -	- -	- -	<5
WP26-2603-SG-25A	KAFB-2603	25	10/4/2004	<2.5	<2.5	<2.5	<2.5	<2.5	0.58 F	<2.5	<2.5	<2.5	0.78 F	<2.5	1.9 F	0.79 F	<2.5	9.3	1 F	0.52 F	1.6 F	<13	<13	58	0.54 F	<2.5
WP26-2603-SG-50B	KAFB-2603	50	10/4/2004	<2.9	<2.9	0.89 F	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	1.9 F	0.77 F	<2.9	16	0.71 F	<2.9	1.3 F	<14	<14	100	0.63 F	<2.9
WP26-2603-SG-75C	KAFB-2603	75	10/4/2004	0.87 F	<3	1.3 F	<3	<3	0.6 F	<3	<3	<3	1.1 F	<3	1.5 F	0.591 F	<3	15	0.71 F	<3	3.2 F	<15	<15	130	<3	<3
WP26-2603-SG-100D	KAFB-2603	100	10/4/2004	<2.5	<2.5	1.5 F	0.58 F	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 F	<2.5	1.4 F	<2.5	<2.5	2.7	<2.5	<2.5	2.4 F	<13	<13	100	<2.5	<2.5
WP26-2603-SG-125E	KAFB-2603	125	10/4/2004	<2.7	<2.7	<2.7	<2.7	<2.7	0.59 F	<2.7	<2.7	<2.7	1.1 F	<2.7	0.9 F	<2.7	<2.7	4	<2.7	<2.7	3.2 F	<14	<14	66	<2.7	<2.7
WP26-2604-SG-25A	KAFB-2604	25	10/7/2004	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	16	0.93 F	<2.8	9.2	0.63 F	<2.8	1.2 F	<14	<14	71	1.4 FB	<2.8
WP26-2604-SG-50B	KAFB-2604	50	10/7/2004	<2.6	<2.6	0.75 F	<2.6	<2.6	0.53 F	<2.6	<2.6	<2.6	<2.6	<2.6	14	<2.6	<2.6	16	0.74 F	<2.6	1.5 F	<13	<13	120	3.1 B	<2.6
WP26-2604-SG-75C	KAFB-2604	75	10/7/2004	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	8.1	0.55 F	<2.1	8.8	<2.1	<2.1	<11	<11	<11	51	1.2 F	<2.1
WP26-2604-SG-100D	KAFB-2604	100	10/7/2004	<3	<3	1.8 F	<3	<3	<3	<3	<3	<3	<3	<3	13	<3	<3	31	<3	<3	2.5 F	<15	<15	260	6.7	<3
WP26-2604-SG-125E	KAFB-2604	125	10/7/2004	<2.1	<2.1	0.52 F	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	0.54 F	<2.1	3.5	<2.1	<2.1	9.2	<2.1	<2.1	6.8 F	<11	<11	200	2.4	<2.1
WP26-2605-SG-25A	KAFB-2605	25	10/7/2004	<2.4	<2.4	<2.4	<2.4	<2.4	0.57 F	<2.4	<2.4	<2.4	0.8 F	<2.4	11	1 F	<2.4	8	<2.4	<2.4	2.1 F	<12	<12	21	15	<2.4
WP26-2605-SG-2599	KAFB-2605	25	10/7/2004	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	0.75 F	<2.3	9.7	0.97 F	<2.3	<2.3	<2.3	<2.3	2.3 F	<12	<12	26	18	<2.3
WP26-2605-SG-50B	KAFB-2605	50	10/7/2004	<2.9	<2.9	0.74 F	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	1.9 F	<2.9	17	0.74 F	<2.9	28	<2.9	<2.9	1.9 F	<14	<14	120	41	<2.9
WP26-2605-SG-75C	KAFB-2605	75	10/7/2004	<2.2	<2.2	1.2 F	<2.2	<2.2	0.69 F	<2.2	<2.2	<2.2	1.7 F	<2.2	12	0.81 F	<2.2	17	<2.2	<2.2	<11	<11	<11	59	34	<2.2
WP26-2605-SG-100D	KAFB-2605	100	10/7/2004	<2.1	<2.1	2.2	0.51 F	<2.1	0.53 F	<2.1	<2.1	<2.1	<2.1	<2.1	11	0.9 F	<2.1	17	0.45 F	<2.1	2.5 F	<11	<11	70	26 B	<2.1
WP26-2605-SG-115E	KAFB-2605	115	10/7/2004	<3	<3	3.4	0.65 F	<3	<3	<3	<3	<3	1.7 F	<3	17	0.89 F	<3	21	<3	<3	3.9 F	<15	<15	240	26 B	<3
WP26-2606-SG-25A	KAFB-2606	25	10/5/2004	<2.8	<2.8	<2.8	<2.8	<2.8	0.64 F	<2.8	<2.8	<2.8	<2.8	<2.8	1.7 F	<2.8	<2.8	0.84 F	<2.8	<2.8	<14	<14	<14	13 F	<2.8	<2.8
WP26-2606-SG-50B	KAFB-2606	50	10/5/2004	<2.7	<2.7	0.71 F	<2.7	<2.7	0.72 F	<2.7	<2.7	<2.7	<2.7	<2.7	1.5 F	<2.7	<2.7	11	<2.7	<2.7	<14	<14 UJ	<14 UJ	27	<2.7	<2.7
WP26-2606-SG-5099	KAFB-2606	50	10/5/2004	<2.7	<2.7	0.63 F	<2.7	<2.7	0.73 F	<2.7	<2.7	<2.7	<2.7	<2.7	22	0.55 F	<2.7	8.7	<2.7	<2.7	<14	<14 UJ	<14 UJ	29	<2.7	<2.7
WP26-2606-SG-75C	KAFB-2606	75	10/5/2004	0.59 F	<2.9	0.97 F	<2.9	<2.9	0.86 F	<2.9	<2.9	<2.9	<2.9	<2.9	2.2 F	<2.9	<2.9	29	<2.9	<2.9	0.63 F	<14	<14	82	<2.9	<2.9
WP26-2606-SG-100D	KAFB-2606	100	10/5/2004	0.93 F	<2.9	1.2 F	<2.9	<2.9	0.83 F	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	1.2 F	<2.9	<2.9	<15	<15	<15	57	<2.9	<2.9
WP26-2606-SG-125E	KAFB-2606	125	10/5/2004	1.3 F	<2.7	1.3 F	<2.7	<2.7	0.94 F	<2.7	<2.7	<2.7	<2.7	<2.7	1.7 F	<2.7	<2.7	9.3	<2.7	<2.7	<14	<14	<14	120	<2.7	<2.7
WP26-2607-SG-25A	KAFB-2607	25	10/7/2004	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	0.64 F	12	1.8 F	<3	<3	0.78 F	<3	3 F	<15	<15	63	1.5 F	<3
WP26-2607-SG-50B	KAFB-2607	50	10/11/2004	<2.8	<2.8	0.66 F	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	3.1	1.4 F	<2.8	<2.8	0.63 F	<2.8	1.3 F	<14	<14	23	2.1 FB	<2.8
WP26-2607-SG-75C	KAFB-2607	75	10/11/2004	<2.2	<2.2	1.1 F	<2.2	<2.2	0.82 F	<2.2	<2.2	<2.2	0.68 F	0.49 F	4.8	1.4 F	0.51 F	<2.2	0.74 F	<2.2	2.7 F	<11	4.6 F	34	4.3 B	<2.2
WP26-2607-SG-100D	KAFB-2607	100	10/11/2004	<2.7	<2.7	2.5 F	<2.7	<2.7	0.68 F	<2.7	<2.7	<2.7	1.4 F	<2.7	5.9	1.5 F	<2.7	<2.7	0.58 F	<2.7	2.9 F	<14	<14	170	9.2 B	<2.7
WP26-2607-SG-125E	KAFB-2607	125	10/11/2004	<3	<3	4.2	<3	<3	0.72 F	<3	<3	<3	1.8 F	0.66 F	7.7	1.9 F	0.62 F	<3	0.76 F	<3	3.9 F	<15	<15	140	11 B	<3
WP26-2607-SG-12599	KAFB-2607	125	10/11/2004	<3.2	<3.2	3.7	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	1.8 F	0.94 F	170	2.8 F	0.8 F	<3.2	0.87 F	<3.2	4.8 F	<16	<16	190	8.9 B	<3.2
WP26-2608-SG-25A	KAFB-2608	25	10/6/2004	<2.8	<2.8	<2.8	<2.8	<2.8	0.58 F	<2.8	<2.8	<2.8	<2.8	<2.8	6.4	<2.8	<2.8	<2.8	<2.8	<2.8	<14	<14 UJ	<14 UJ	37	<2.8	<2.8
WP26-2608-SG-50B	KAFB-2608	50	10/6/2004	<2.4	<2.4	0.71 F	<2.4	<2.4	0.67 F	<2.4	<2.4	<2.4	<2.4	<2.4	8.9	0.51 F	<2.4	15	<2.4	<2.4	0.85 F	<12 UJ	<12 UJ	60	<2.4	<2.4
WP26-2608-SG-75C	KAFB-2608	75	10/6/2004	0.7 F	<2.6	1.6 F	<2.6	<2.6	0.88 F	<2.6	<2.6	<2.6	<2.6	<2.6	9.2	<2.6	<2.6	12	<2.6	<2.6	0.76 F	<13 UJ	<13 UJ	51	<2.6	<2.6
WP26-2608-SG-7599	KAFB-2608	75	10/6/2004	<3.2	<3.2	1.4 F	<3.2	<3.2	0.83 F	<3.2	<3.2	<3.2	<3.2	<3.2	31	<3.2	<3.2	10	<3.2	<3.2	1.2 F	<16 UJ	<16 UJ	62	<3.2	<3.2
WP26-2608-SG-100D	KAFB-2608	100	10/6/2004	0.71 F	<2.2	1.6 F	0.53 F	<2.2	<2.2	<2.2	<2.2	<2.2	0.64 F	<2.2	11	1.1 F	<2.2	25	0.7 F	<2.2	1.7 F	<11 UJ	<11 UJ	88	0.55 F	<2.2
WP26-2608-SG-125E	KAFB-2608	125	10/6/2004	1.2 F	<3	2.6 F	0.62 F	<3	1 F	<3	<3	<3	0.68 F	<3	16	0.69 F	<3	23	<3	<3	<15	<15 UJ	<15 UJ	110	0.61 F	<3
WP26-2609-SG-25A	KAFB-2609	25	10/11/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	38	1.2 F	<2.5	<2.5	0.59 F	<2.5	2.6 F	<13	<13	35	16	<2.5
WP26-2609-SG-50B	KAFB-2609	50	10/11/2004	<2.6	<2.6	0.99 F	<2.6	<2.6	0.59 F	<2.6	<2.6	<2.6	<2.6	<2.6	28	1.5 F	0.55 F	<2.6	2.1 F	11	5.8 F	29	34	45	22 B	1.6 F
WP26-2609-SG-75C	KAFB-2609	75	10/11/2004	<2.4	<2.4	1.7 F	<2.4	<2.4	0.6 F	<2.4	<2.4	<2.4	2.2 F	<2.4	44	1.6 F	0.54 F	<2.4	0.81 F	6.8	4.4 F	14	20	64	45 B	<2.4
WP26-2609-SG-100D	KAFB-2609	100	10/11/2004	<2.5	<2.5	3.5	<2.5	<2.5	0.95 F	<2.5	<2.5	<2.5	2.4 F	0.62 F	30	1.5 F	<2.5	<2.5	0.77 F	0.58 F	4.8 F	<12	<12	84	50 B	<2.5
WP26-2609-SG-121E	KAFB-2609	121	10/11/2004	<2.2	<2.2	3.8	<2.2	<2.2	1.2 F	<2.2	<2.2	<2.2	2.1 F	0.45 F	27	1.2 F	<2.2	<2.2	0.62 F	0.48 F	4.8 F	<11	<11	100	<0.5UB	<2.2
WP26-2610-SG-115E	KAFB-2610	115	10/11/2004	<2.6	<2.6	3	0.54 F	<2.6	0.74 F	<2.6	<2.6	<2.6	0.82 F	<2.6	4.5	<2.6	<2.6	0.84 F	<2.6	<2.6	<13	<13	<13	25	1.2 F	<2.6
WP26-2610-SG-75C	KAFB-2610	75	10/14/2004	<2	<2	1.2 F	<2	<2	<2	<2	<2	<2	0.48 F	<2	0.98 F	<2	<2	<2	<2	<2	<10	<10	<10	20	0.9 F	<2
WP26-2610-SG-100D	KAFB-2610	100	10/14/2004	<2.2	<2.2	0.85 F	0.68 F	<2.2	0.47 F	<2.2	<2.2	<2.2	0.65 F	0.86 F	14	1.3 F	0.51 F	<2.2	0.58 F	<2.2	<11	<11	<11	19	0.63 F	0.55 F
WP26-2611-SG-25A	KAFB-2611	25	10/11/2004	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	1.9 F	<2.6	17	<2.6	<2.6	10	<2.6	<2.6	1.8 F	<13	<13	32	38	<2.6
WP26-2611-SG-50B	KAFB-2611	50	10/11/2004	<2.7	<2.7	0.75 F	<2.7	<2.7	0.64 F	<2.7	<2.7	<2.7	2.6 F	<2.7	15	<2.7	<2.7	12	<2.7	<2.7	1.6 F	<14	<14	54	69	<2.7
WP26-2611-SG-75C	KAFB-2611	75	10/11/2004	<2.3	<2.3	1.5 F	<2.3	<2.3	0.63 F	<2.3	<2.3	<2.3	0.95 F	<2.3	13	<2.3	<2.3	15	<2.3	<2.3	3.8 F	<11	<11	68	28	<2.3
WP26-2611-SG-100D	KAFB-2611	100	10/11/2004	<2.5	<2.5	2.5	<2.5	<2.5	0.54 F	<2.5	<2.5	<2.5	1.3 F	<2.5	25	<2.5	<2.5	20	<2.5	<2.5	2.5 F	<13	<13	94	40	<2.5
WP26-2611-SG-115E	KAFB-2611	115	10/11/2004	<2.8	<2.8	2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	1.9 F	<2.8	35	1.2 F	<2.8	21	<2.8	<2.8	<14	<14	<14	140	49	<2.8

Table B-1. Soil Vapor Analytical Results from 2002 through 2004, Solid Waste Management Unit WP -26, Sewage Lagoons

Sample Identification	Well	Depth (ft bgs)	Analyte / Date	Chloroform	Carbon tetrachloride	1,1,2-Trichloro-1,2,2-trifluoroethane	Trichlorofluoromethane	1,2-Dichlorotetrafluoroethane	Dichlorodifluoromethane (Freon-12)	1,2-Dibromoethane (Ethylene dibromide)	Bromoform	Bromomethane	Benzene	Ethylbenzene	Toluene	m,p-Xylenes	o-Xylenes	tert-Butyl methyl ether (MtBE)	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Methyl ethyl ketone [MEK] (2-Butanone)	Methyl isobutyl ketone (4-Methyl-2-pentanone)	2-Hexanone	Acetone	Carbon disulfide	Styrene
			Analytical Methods	VOCs by TO-14A and TO-15 (ppbv) for samples analyzed in 2002 to 2004.																						
WP26-2612-SG-25A	KAFB-2612	25	10/12/2004	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	3.7	<2.7	<2.7	11	0.81 F	<2.7	2.1 F	<13	<13	390 J	4.8	<2.7
WP26-2612-SG-50B	KAFB-2612	50	10/12/2004	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	2 F	<3.1	8.3	<3.1	0.77 F	17	1.2 F	<3.1	4.9 F	<15	<15	470 J	51	<3.1
WP26-2612-SG-75C	KAFB-2612	75	10/12/2004	<2.6	<2.6	1 FJ	<2.6	<2.6	0.76 FJ	<2.6	<2.6	<2.6	1.3 FJ	<2.6	8.7 J	<2.6	0.84 FJ	20 J	1.6 FJ	1.2 FJ	5.2 FJ	<13	<13	410 J	24 J	<2.6
WP26-2612-SG-100D	KAFB-2612	100	10/12/2004	<2.4	<2.4	1.9 F	<2.4	<2.4	0.55 F	<2.4	<2.4	<2.4	1.1 F	<2.4	9.1	2.6	1.1 F	22	2 F	<2.4	4.4 F	<12	<12	340	19	<2.4
WP26-2612-SG-120E	KAFB-2612	120	10/13/2004	<2.6	<2.6	2.8	<2.6	<2.6	0.66 F	<2.6	<2.6	<2.6	1.2 F	<2.6	7	1 F	<2.6	14	<2.6	<2.6	3.4 F	<13	<13	200	19	<2.6
WP26-2612-SG-12099	KAFB-2612	120	10/13/2004	<2.5	<2.5	2.8	<2.5	<2.5	0.6 F	<2.5	<2.5	<2.5	1.2 F	<2.5	7.1	<2.5	<2.5	14	<2.5	<2.5	4.2 F	<13	<13	210	18	<2.5
WP26-2613-SG-25A	KAFB-2613	25	10/5/2004	<2.7	<2.7	<2.7	<2.7	<2.7	0.6 F	<2.7	<2.7	<2.7	<2.7	<2.7	1.6 F	<2.7	<2.7	12	<2.7	<2.7	<14	<14	<14	60	<2.7	<2.7
WP26-2613-SG-50B	KAFB-2613	50	10/5/2004	1.6 F	<2.8	0.7 F	<2.8	<2.8	0.71 F	<2.8	<2.8	<2.8	<2.8	<2.8	4	<2.8	<2.8	13	<2.8	<2.8	<14	<14	<14	61	3.7	<2.8
WP26-2613-SG-75C	KAFB-2613	75	10/5/2004	2 F	<2.5	0.84 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.9	<2.5	<2.5	14	<2.5	<2.5	<13	<13	<13	59	1.2 F	<2.5
WP26-2613-SG-100D	KAFB-2613	100	10/5/2004	2.8	<2.7	1.2 F	0.6 F	<2.7	0.67 F	<2.7	<2.7	<2.7	<2.7	<2.7	4.2	<2.7	<2.7	27	<2.7	<2.7	0.64 F	<14	<14	69	1.7 F	<2.7
WP26-2613-SG-125E	KAFB-2613	125	10/5/2004	4.1	<2.6	1.4 F	0.66 F	<2.6	0.66 F	<2.6	<2.6	<2.6	0.71 F	<2.6	7.8	<2.6	<2.6	24	<2.6	<2.6	1.4 F	<13	<13	82	2 F	<2.6
WP26-2614-SG-25A	KAFB-2614	25	10/12/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	15	1.4 F	<2.5	1.4 F	0.75 F	<2.5	1.1 F	<12	<12	89 J	2.1 F	<2.5
WP26-2614-SG-50B	KAFB-2614	50	10/12/2004	<2.5	<2.5	0.5 F	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	15	<0.96UB	<2.5	3.4	<2.5	<2.5	<12	<12	<12	100	4.8	<2.5
WP26-2614-SG-75C	KAFB-2614	75	10/12/2004	<2.6	<2.6	0.76 F	0.54 F	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	11	<0.88UB	<2.6	1.7 F	<2.6	<2.6	0.93 F	<13	<13	83	3.4	<2.6
WP26-2614-SG-100D	KAFB-2614	100	10/12/2004	<2.4	<2.4	1.4 F	0.67 F	<2.4	0.74 F	<2.4	<2.4	<2.4	0.52 F	<2.4	15	<0.82UB	<2.4	1.6 F	0.5 F	<2.4	0.77 F	<12	<12	84	2.3 F	<2.4
WP26-2614-SG-115E	KAFB-2614	115	10/12/2004	<2.4	<2.4	1.2 F	0.66 F	<2.4	<2.4	<2.4	<2.4	<2.4	0.61 F	<2.4	10	<0.95UB	<2.4	2.4	0.68 F	<2.4	1.1 F	<12	<12	85	2.5	<2.4
WP26-2615-SG-25A	KAFB-2615	25	10/6/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.4	0.7 F	<2.5	6	0.52 F	<2.5	1.5 F	<13 UJ	<13 UJ	47	4.7	<2.5
WP26-2615-SG-50B	KAFB-2615	50	10/6/2004	0.76 F	<2.7	<2.7	<2.7	<2.7	1 F	<2.7	<2.7	<2.7	<2.7	<2.7	7.7	0.86 F	<2.7	16	0.57 F	<2.7	1.8 F	<14 UJ	<14 UJ	74	11	<2.7
WP26-2615-SG-75C	KAFB-2615	75	10/6/2004	<2.1	<2.1	<2.1	<2.1	<2.1	0.8 F	<2.1	<2.1	<2.1	0.6 F	<2.1	3.1	0.44 F	<2.1	8.9	<2.1	<2.1	<11	<11 UJ	<11 UJ	33	11	<2.1
WP26-2615-SG-100D	KAFB-2615	100	10/6/2004	<3	<3	0.76 F	<3	<3	4.4	<3	<3	<3	<3	<3	8.4	<3	<3	33	<3	<3	1.5 F	<15 UJ	<15 UJ	100	25	<3
WP26-2615-SG-125E	KAFB-2615	125	10/6/2004	<2.6	<2.6	0.82 F	<2.6	<2.6	5.2	<2.6	<2.6	<2.6	1 F	<2.6	9.8	0.8 F	<2.6	18	0.55 F	<2.6	3.4 F	<13 UJ	<13 UJ	180	27	<2.6
WP26-2616-SG-25A	KAFB-2616	25	10/13/2004	<2.3	<2.3	<2.3	2 F	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	3.4	1.2 F	0.47 F	3.7	0.61 F	<2.3	2.2 F	<12	<12	58	1.2 F	<2.3
WP26-2616-SG-50B	KAFB-2616	50	10/13/2004	<2.3	<2.3	<2.3	4.5	<2.3	0.7 F	<2.3	<2.3	<2.3	<2.3	<2.3	4.2	1.3 FB	<2.3	3.9	0.57 F	<2.3	1.6 F	<11	<11	77	2.9	<2.3
WP26-2616-SG-5099	KAFB-2616	50	10/13/2004	<2.4	<2.4	<2.4	4.3	<2.4	0.65 F	<2.4	<2.4	<2.4	<2.4	<2.4	4.7	1.4 FB	<2.4	3.6	0.62 F	<2.4	2.5 F	<12	<12	88	2.8	<2.4
WP26-2616-SG-75C	KAFB-2616	75	10/13/2004	<2.4	<2.4	<2.4	6.1	<2.4	0.79 F	<2.4	<2.4	<2.4	<2.4	<2.4	5	1.9 FB	0.75 F	19	1.2 F	<2.4	2.7 F	<12	<12	100	8	<2.4
WP26-2616-SG-100D	KAFB-2616	100	10/13/2004	1.4 F	<2.2	0.94 F	8.5	<2.2	0.55 F	<2.2	<2.2	<2.2	0.7 F	2.3	21	4	1.6 F	<2.2	1.3 F	<2.2	4.5 F	<11	<11	24	13	0.88 F
WP26-2616-SG-120E	KAFB-2616	120	10/13/2004	<2.4	<2.4	<2.4	8.9	<2.4	0.51 F	<2.4	<2.4	<2.4	<2.4	<2.4	5.2	2.1 F	0.87 F	29	1.2 F	<2.4	4.8 F	<12	<12	320 J	16	<2.4
WP26-2617-SG-25A	KAFB-2617	25	10/13/2004	<2.4	<2.4	<2.4	2.5	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	2.3 F	1.3 F	0.53 F	11	0.91 F	<2.4	1.7 F	<12	<12	47 J	1.8 F	<2.4
WP26-2617-SG-50B	KAFB-2617	50	10/13/2004	<2.2	<2.2	<2.2	4.7	<2.2	0.73 F	<2.2	<2.2	<2.2	<2.2	<2.2	4.3	<2.2	<2.2	14	0.7 F	<2.2	2.1 F	<11	<11	61	7.5	<2.2
WP26-2617-SG-75C	KAFB-2617	75	10/13/2004	<2.6	<2.6	<2.6	5.9	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	4.2	<2.6	<2.6	17	0.71 F	<2.6	2.4 F	<13	<13	68	8.5	<2.6
WP26-2617-SG-100D	KAFB-2617	100	10/13/2004	<2.5	<2.5	0.74 F	5.4	<2.5	0.98 F	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	1.1 FB	<2.5	1.9 F	0.79 F	<2.5	1.8 F	<12	<12	40	10	<2.5
WP26-2617-SG-115E	KAFB-2617	115	10/13/2004	<2.6	<2.6	<2.6	5.3	<2.6	1.3 F	<2.6	<2.6	<2.6	1.5 F	<2.6	6.6	<2.6	<2.6	54	0.57 F	<2.6	3.4 F	<13	<13	350	32	<2.6
WP26-2618-SG-25A	KAFB-2618	25	10/14/2004	0.52 F	<2.1	<2.1	1800	<2.1	0.58 F	<2.1	<2.1	<2.1	<2.1	0.68 F	1.8 F	1.7 F	0.75 F	<2.1	0.82 F	<2.1	<11	<11	<11	18	1.4 F	<2.1
WP26-2618-SG-50B	KAFB-2618	50	10/14/2004	0.77 F	<2.4	<2.4	920	<2.4	0.9 F	<2.4	<2.4	<2.4	<2.4	1.3 F	3.3	2.8	1.3 F	<2.4	1.4 F	<2.4	0.56 F	<12	<12	22	14	<2.4
WP26-2618-SG-75C	KAFB-2618	75	10/14/2004	1.2 F	<2.5	<2.5	580	<2.5	0.52 F	<2.5	<2.5	<2.5	<2.5	1 F	3.1	2.2 F	0.94 F	<2.5	0.87 F	<2.5	0.57 F	<13	<13	14	5.1	<2.5
WP26-2618-SG-7599	KAFB-2618	75	10/14/2004	1.3 F	<2.6	<2.6	540	<2.6	0.73 F	<2.6	<2.6	<2.6	<2.6	1.2 F	3.4	2.7	1.2 F	<2.6	0.84 F	<2.6	<13	<13	<13	25	5.5	0.56 F
WP26-2618-SG-100D	KAFB-2618	100	10/14/2004	2.4 F	<2.5	<2.5	260	<2.5	0.92 F	<2.5	<2.5	<2.5	<2.5	1.1 F	3.4	2.4 F	1.1 F	<2.5	1.2 F	<2.5	0.69 F	<13	<13	40	4.6	<2.5
WP26-2618-SG-125E	KAFB-2618	125	10/14/2004	2.8	<2.5	<2.5	200	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 F	4	2.3 F	0.97 F	<2.5	0.99 F	<2.5	1 F	<12	<12	43	5.6	<2.5
WP26-2619-SG-25A	KAFB-2619	25	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 F	<2.5	<2.5	<2.5	<2.5	1 F	4.3	2.2 F	1 F	<2.5	1 F	<2.5	1.7 F	<12	<12	9.7 FJ	<2.5	<2.5
WP26-2619-SG-2599	KAFB-2619	25	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 F	4.9	2 F	0.85 F	<2.5	0.68 F	<2.5	2.9 F	<12	<12	19 J	<2.5	<2.5
WP26-2619-SG-50B	KAFB-2619	50	10/14/2004	<2.5	<2.5	<2.5	<2.5	<2.5	2.6	<2.5	<2.5	<2.5	0.8 F	1.4 F	13	2.4 F	1.1 F	<2.5	0.72 F	<2.5	<12	<12	<12	22 J	6.9	0.64 F
WP26-2619-SG-75C	KAFB-2619	75	10/14/2004	<2.6	<2.6	<2.6	<2.6	<2.6	2.9	<2.6	<2.6	<2.6	<2.6	1.3 F	9.8	2.3 F	0.92 F	<2.6	0.74 F	<2.6	0.97 F	<13	<13	20 J	3.6	0.53 F
WP26-2619-SG-100D	KAFB-2619	100	10/14/2004	<2.3	<2.3	<2.3	<2.3	<2.3	5.1	<2.3	<2.3	<2.3	0.69 F	1.9 F	18	3.1	1.2 F	<2.3	0.7 F	<2.3	2.1 F	<11	<11	50	2.4	0.92 F
WP26-2619-SG-125E	KAFB-2619	125	10/14/2004	<2.2	<2.2	<2.2	<2.2	<2.2	3.7	<2.2	<2.2	<2.2	<2.2	1 F	7.8	1.8 F	0.71 F	<2.2	0.6 F	<2.2	1.3 F	0.47 F	<11	77	0.52 F	<2.2
WP26-2620-SG-141A	KAFB-2620	141	12/8/2004	0.5 F	<1.2	0.4 F	0.31 F	<1.2	<1.2	<1.2	<1.2	<1.2	16	0.78 F	29	1.3	2.9	<1.2	0.61 F	0.3 F	2.2 F	<6	<6	17 B	<1.2	<1.2
WP26-2620-SG-181B	KAFB-2620	181	12/8/2004	1.1 F	<1.6	0.64 F	0.48 F	<1.6	0.75 F	<1.6	<1.6	<1.6	57	1.4 F	74	1.5 F	6.2	<1.6	<1.6	<1.6	8.5	<8.2	1 F	48 B	<1.6	<1.6
WP26-2620-SG-197C	KAFB-2620	197	12/8/2004	<1.7	<1.7	<1.7	<1.7	<1.7	0.55 F	<1.7	<1.7	<1.7	1.4 F	<1.7	1.2 F	<1.7	<1.7	<1.7	<1.7	<1.7	0.77 F	0.42 F	2.8 F	4.4 FB	<1.7	<1.7
WP26-2620-SG-19799	KAFB-2620	197	12/8/2004	<1.7	<1.7	<1.7	<1.7	<1.7	0.6 F	<1.7	<1.7	<1.7	1.8	<1.7	1.3 F	<1.7	<1.7	<1.7	<1.7	<1.7	0.38 F	<8.3	<8.3	7.9 FB	<1.7	<1.7
WP26-2620-SG-246D	KAFB-2620	246	12/8/2004	<1.6	<1.6	<1.6	<1.6	<1.6	0.39 F	<1.6	<1.6	<1.6	66	1.7	91	1.9	9.6	<1.6	2.3	0.94 F	2400	<7.9	2.2 F	260	<1.6	<1.6
WP26-2621-SG-141A	KAFB-2621	141	12/8/2004	<1.5	<1.5	2.6	0.5 F	<1.5	0.78 F	<1.5	<1.5	<1.5	39	0.94 F	75	1.2 F	5.8	0.45 F	<1.5	<1.5	13	<7.3	<7.3	51 B	0.54 F	<1.5
WP26-2621-SG-165B	KAFB-2621	165	12/8/2004	<1.6	<1.6	2	0.97 F	<1.6	0.38 F	<1.6	<1.6	<1.6	49	0.95 F	78	0.97 F	6.5	<1.6	<1.6	<1.6	8.7	<8.2	0.82 F	38 B	0.42 F	<1.6
WP26-2621-SG-191C	KAFB-2621	191	12/8/2004	<1.4	<1.4	<1.4	<1.4	<1.4	0.48 F	<1.4	<1.4	<1.4	0.87 F	<1.4	1.3 F	0.38 F	<1.4	<1.4	<1.4	<1.4	7.1	<6.9	<6.9	12 B	<1.4	<1.4
WP26-2621-SG-245D	KAFB-2621	245	12/8/2004	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	54	1.6	88	1.9	7.5	<1.5	<1.5	<1.5	16	<7.2	0.71 F	32 B	<1.5	<1.5

Table B-1. Soil Vapor Analytical Results from 2002 through 2004, Solid Waste Management Unit WP -26, Sewage Lagoons

Sample Identification	Well	Depth (ft bgs)	Analyte / Date	Total Petroleum Hydrocarbons - Gasoline (mg/L)	% Nitrogen	% Oxygen	% Carbon Dioxide	% Carbon Monoxide	% Methane
			Analytical Methods:	**SW8015mod**	**Fixed Gases by SM2720C (%)**				
WP2601Q402	KAFB-2601	192.5	Nov-02	<20	78	21.7	<5	<5	<5
WP2601Q103	KAFB-2601	192.5	2/19/2003	<3.85	77.9	21.9	0.22J	<0.048	<0.058
WP2602DQ402	KAFB-2602D	180	Nov-02	<20	77.9	22.1	<0.5	<0.5	<0.5
WP2602DQ103	KAFB-2602D	180	2/19/2003	<13.95	77.70	22.00	0.34J	<0.048	<0.058
WP2602CQ402	KAFB-2602C	210	Nov-02	<20	77.9	22	<0.5	<0.5	<0.5
WP2602CQ103	KAFB-2602C	210	2/19/2003	<13.95	77.70	22.00	0.33J	<0.048	<0.058
WP2602BQ402	KAFB-2602B	225	Nov-02	<20	77.9	22	<0.5	<0.5	<0.5
WP2602BQ103	KAFB-2602B	225	2/19/2003	<13.98	78	22	0.26J	<0.048	<0.058

Shading indicates positive detection

< - not detected below indicated reporting limit

- - compound not analyzed as part of the TO-14A suite

% - percent by volume

B - Analyte detected in an associated blank.

F - Analyte was positively identified but the reported concentration is estimated; reported concentration is less than the reporting limit, but greater than the method detection limit.

ft bgs - feet below ground surface

J - Data are estimated due to associated quality control data.

ppbv - parts per billion by volume

UB - Analyte considered not detected based on associated blank data.

UJ - Potential low bias, possible false negative.

VOC - volatile organic compound

Table B-2. Summary of 1993 Stage 2 RFI, Analytes Detected in Groundwater Samples from Monitoring Wells at Solid Waste Management Unit WP-26 Sewage Lagoons[a]

Chemical Class & Laboratory Method	Analyte	EPA MCL (mg/L)[b]	NMED WQCC (mg/L)[c]	Well Number, Date Sampled, Concentrations in mg/L												
				KAFB-0501			KAFB-0502			KAFB-0503				KAFB-0504		
				05/09/1990	08/28/1990	11/27/1990	05/10/1990	08/28/1990	11/27/1990	05/10/1990	05/10/1990 Dup	08/30/1990	11/28/1990	05/17/1990	08/30/1990	11/29/1990
Petroleum Hydrocarbons - E418.1, SW846-9060	Petroleum Hydrocarbons	N/A	Not Present	0.72	--	--	0.3	--	--	0.51	0.47	--	--	0.22	--	--
	Total Organic Carbon	N/A	N/A	N/A	0.65	0.8	--	1.2	1.2	--	--	0.65	1.6	--	<0.5	1.6
VOCs - SW846-8260	Acetone	N/A	N/A	<10.0	--	15J	<10.0	<10.0R	--	<10.0	<10.0	<10.0	--	<10.0	<10.0	--
SVOCs - SW846-8270	Bis(2-ethylhexyl)phthalate	N/A	N/A	<10.0	--	--	<10.0	--	--	<10.0	<10.0	--	--	<10.0	11.0L	--
	Iodomethane	N/A	N/A	7.6J	--	<5.0	<5.0	<50R	--	<5.0	<5.0	<5.0	--	<5.0	<5.0	--
Metals - SW846-6010	Barium, dissolved	2	1	0.044	--	--	0.031	--	--	0.085	0.085	--	--	0.048	--	--
	Chromium, dissolved	0.1	0.05	**0.051**	<0.005	0.0067	0.0072	<0.005	0.0014	0.046	0.047	0.0094	0.007	<0.05	<0.005	0.0017
	Chromium, total	0.1	0.05	**0.14J**	0.014	0.0024J	0.045J	0.017	<0.001	**0.12J**	**0.097J**	**0.12**	**0.082J**	0.029J	0.023	0.0061J
	Lead, total	0.015	0.05	0.0075	--	--	<0.005	--	--	<0.005	<0.005	--	--	<0.005	--	--
	Zinc, dissolved	5	10	0.11J	--	--	0.012J	--	--	0.46J	0.48J	--	--	<0.005	--	--
Other - A429, E350.1, E353.2, E160.1, SW846-9012, SW846-9060, SW846-9310, A706, and SW846-9320	Chloride	250	250	13.7	--	--	12.6	--	--	13.6	13.2	--	--	14.2	--	--
	Nitrogen, ammonia	N/A	N/A	<0.1	--	--	0.11	--	--	0.11	<0.1	--	--	<0.1	--	--
	Nitrogen, nitrate	10	10	<0.5	--	--	0.98	--	--	5.1	5	--	--	2.6	--	--
	Nitrogen, nitrate-nitrite	10.00	10	1.2	1.6	--	0.12	1.1	--	5.4	5.8	4.6	--	2.7	2.5	--
	Phosphorus	N/A	N/A	1.2	--	--	1.4	--	--	0.93	0.99	--	--	1.5	--	--
	Sulfate (as SO4)	250	600	93.2	--	--	92.8	--	--	87.8	87.7	--	--	90.3	--	--
	Total dissolved solids	500	1,000	393J	--	--	391J	--	--	373J	374J	--	--	371	--	--
	Cyanide	0.2	0	<0.01	--	--	<0.01	--	--	<0.01	0.012	--	--	<0.01	--	--
	Alpha, gross (pCi/L)	15	N/A	6.5	--	--	0	--	--	12	12	--	--	10	--	--
	Beta, gross (pCi/L)	N/A	N/A	0	--	--	15	--	--	0.9	3.1	--	--	0	--	--
	Radium-226 (pCi/L)	5	N/A	1.5	--	--	1.5	--	--	2.6	1.7	--	--	1.0	--	--
	Radium-228 (pCi/L)	5	N/A	0	--	--	0.2	--	--	0.1	0.8	--	--	0.4	--	--

[a] USAF, 1993a. *RFI Technical Report, Stage 2, Kirtland Air Force Base, Albuquerque, New Mexico.*

[b] EPA National Primary Drinking Water Standards Maximum Contaminant Level. Values shown in **bold** exceed the standard.

[c] NMED Water Quality Control Commission. Values shown in **bold** exceed the standard.

-- not analyzed

EPA Environmental Protection Agency

J Estimate

MCL Maximum Contaminant Level

mg/L milligrams per liter

N/A not applicable

NMED New Mexico Environment Department

pCi/L picocuries per liter

SVOC semivolatile organic compound

VOC volatile organic compound

WQCC Water Quality Control Commission

Table B-3. Summary of 1993 Stage 2A RFI, Analytes Detected in Groundwater Samples at Solid Waste Management Unit WP-26 Sewage Lagoons[a]

Chemical Class & Laboratory Method	Analyte	EPA MCL (mg/L)[b]	NMED WQCC (mg/L)[c]	Well Number, Sample Number, Date Collected, Concentrations in mg/L									
				KAFB-0501	KAFB-0501	KAFB-0501	KAFB-0501	KAFB-0501	KAFB-0502	KAFB-0502	KAFB-0502	KAFB-0502	KAFB-0502
				KAFB050112-2	KAFB050115-2	KAFB050119-2	KAFB050120-2	KAFB050122-2	KAFB050214-2	KAFB050215-2	KAFB050220-2	KAFB050221-2	KAFB050224-2
				2/25/1991	5/29/1991	11/13/1991	5/18/1992	5/18/1992	2/26/1991	5/30/1991	11/12/1991	5/26/1992	2/24/1993
Petroleum Hydrocarbons - E418.1, SW846-9060	Total Organic Carbon	N/A	N/A	1.2	<0.50	<0.5	<0.5	<0.5	4.40	6.5	--	--	--
VOCs - SW846-8260	Acetone	N/A	N/A	--	--	--	--	--	--	--	--	<10.0	4.72J
	Chloromethane	N/A	N/A	--	--	--	--	--	--	--	--	<6.0	3.44J
	Methylene chloride	N/A	N/A	--	--	--	--	--	--	--	--	<3.0	1.21J
	2 Butanone (MEK)	N/A	N/A	--	--	--	--	--	--	--	--	33.6	<10.0
	2-Hexanone	N/A	N/A	--	--	--	--	--	--	--	--	<10.0	1.51J
SVOCs - SW846-8270	Bis(2-ethylhexyl)phthalate	N/A	N/A	<0.10	<0.10	<0.1	10.5	<0.1	--	--	--	12.6	--
Metals - SW846-6010, SW846-7191, SW846-7196, SW846-7421	Barium, dissolved	2	1	--	--	--	0.064	0.065	--	--	--	0.046	--
	Barium, total	2	1	--	--	--	0.063	0.062	--	--	--	0.05	--
	Copper, total	1.3	N/A	--	--	--	<0.020	0.0061J	--	--	--	<0.020	--
	Chromium, dissolved	0.1	0.05	--	--	--	<0.010	<0.010	--	--	--	<0.010	--
	Chromium, total	0.1	0.05	--	--	--	<0.010	<0.010	--	--	--	<0.010	--
	Chromium, dissolved	0.1	0.05	0.0076	<0.0040	<0.020	--	--	--	--	--	--	--
	Chromium, total	0.1	0.05	0.028	<0.002	0.0075	--	--	0.0037	<0.004	<0.01	--	--
	Chromium (VI)	0.1	0.05	--	--	--	--	--	--	--	--	--	--
	Lead, total	0.015	0.05	--	--	--	--	--	--	--	--	--	--
	Vanadium, dissolved	N/A	N/A	--	--	--	0.0061J	<0.010	--	--	--	<0.010	--
	Vanadium, total	N/A	N/A	--	--	--	0.0072J	<0.01	--	--	--	<0.01	--
	Zinc, dissolved	5	10	--	--	--	<0.02	<0.02	--	--	--	<0.02	--
	Zinc, total	5	10	--	--	--	0.021	0.012J	--	--	--	0.013J	--
Other - A429, E350.1, E353.2, and E160.1	Chloride	250	600	--	14.3	13.2	--	--	--	13.5	12.4	--	--
	Nitrogen, nitrate-nitrite	10	10	1.6	1.6	1.2	1.3	1.3	4.7	5	3.5	3.6	--

Chemical Class & Laboratory Method	Analyte	EPA MCL (mg/L)[b]	NMED WQCC (mg/L)[c]	Well Number, Sample Number, Date Collected, Concentrations in mg/L								
				KAFB-0502	KAFB-0503	KAFB-0503	KAFB-0503	KAFB-0503	KAFB-0504	KAFB-0504	KAFB-0504	KAFB-0504
				KAFB050227-2	KAFB050311-2	KAFB050312-2	KAFB050313-2	KAFB050314-2	KAFB50409-2	KAFB050410-2	KAFB050412-2	KAFB050413-2
				2/24/1993	2/26/1991	5/29/1991	11/13/1991	5/26/1992	2/27/1991	6/5/1991	11/14/1991	5/16/1992
Petroleum Hydrocarbons - E418.1, SW846-9060	Total Organic Carbon	N/A	N/A	--	2.5	<0.50	--	--	1.1	<0.50	--	--
VOCs - SW846-8260	Acetone	N/A	N/A	<10.0	--	--	--	--	--	--	--	--
	Chloromethane	N/A	N/A	<6.0	--	--	--	--	--	--	--	--
	Methylene chloride	N/A	N/A	1.36J	--	--	--	--	--	--	--	--
	2 Butanone (MEK)	N/A	N/A	<10.0	--	--	--	--	--	--	--	--
	2-Hexanone	N/A	N/A	<10.0	--	--	--	--	--	--	--	--
SVOCs - SW846-8270	Bis(2-ethylhexyl)phthalate	N/A	N/A	--	--	--	--	--	--	--	--	11.1
Metals - SW846-6010, SW846-7191, SW846-7196, SW846-7421	Barium, dissolved	2	1	--	--	--	--	0.1	--	--	--	0.058
	Barium, total	2	1	--	--	--	--	0.085	--	--	--	0.053
	Copper, total	1.3	N/A	--	--	--	--	<0.02	--	--	--	0.015J
	Chromium, dissolved	0.1	0.05	--	--	--	--	0.013	--	--	--	<0.01
	Chromium, total	0.1	0.05	--	--	--	--	0.012	--	--	--	<0.01
	Chromium, dissolved	0.1	0.05	--	0.0011	<0.002	0.003	--	0.0012	<0.002	<0.002	--
	Chromium, total	0.1	0.05	--	0.037	0.024	**0.055**	--	0.0059	0.0033	0.0033	--
	Chromium (VI)	0.1	0.05	--	<0.01	0.02	<0.01	--	--	--	--	--
	Lead, total	0.015	0.05	--	--	--	--	0.019	--	--	--	--
	Vanadium, dissolved	N/A	N/A	--	--	--	--	0.0062J	--	--	--	0.0061J
	Vanadium, total	N/A	N/A	--	--	--	--	<0.01	--	--	--	<0.01
	Zinc, dissolved	5	10	--	--	--	--	0.055	--	--	--	<0.02
	Zinc, total	5	10	--	--	--	--	0.054	--	--	--	0.16
Other - A429, E350.1, E353.2, and E160.1	Chloride	250	600	--	--	14	12.8	--	--	14	12.8	--
	Nitrogen, nitrate-nitrite	10	10	--	<0.50	7.4	5.6	8.4	**17.2**	2.7	2	3.6

[a] USAF, 1993b. *RFI Technical Report, Stage 2A, Kirtland Air Force Base, Albuquerque, New Mexico.*
[b] EPA National Primary Drinking Water Standards Maximum Contaminant Level.
[c] NMED Water Quality Control Commission. Values shown in **bold** exceed the standard.
-- not analyzed
EPA Environmental Protection Agency
J Estimate
mg/L milligrams per liter
MCL Maximum Contaminant Level
N/A not applicable
NMED New Mexico Environment Department
SVOC semivolatile organic compound
VOC volatile organic compound
WQCC Water Quality Control Commission

Table B-4. Summary of Groundwater Monitoring for September 1995 through February 1996, Analytes Detected in Groundwater Samples at Solid Waste Management Unit WP-26 Sewage Lagoons [a]

Chemical Class and Laboratory Method	Analyte	EPA MCL [b]	NMED WQCC [c]	Well Number, Date Sampled, Concentrations in mg/L				
				KAFB-0501	KAFB-0502	KAFB-0503	KAFB-0504	KAFB-0504D
				12/5/1995	12/5/1995	12/5/1995	12/5/1995	12/5/1995
Metals - SW846-6010	Chromium, dissolved	0.1	0.05	0.006	0.007	0.003	0.003	0.003
	Chromium, total	0.1	0.05	0.013	0.009	0.021	0.014	0.014
	Chromium, (VI)	0.1	0.05	0.01	<0.01	<0.01	<0.01	<0.01
Other	Nitrate	10	10	4.5	**11.1**	7.4	4.1	4
	Turbidity, NTU	N/A	N/A	1.6	0.9	6.33	1.16	1.78

[a] Daniel B. Stephens and Associates, Kirtland Air Force Base Sewage Lagoons and Golf Course Main Post-Closure Monitoring, April 18,1996.
[b] EPA National Primary Drinking Water Standards Maximum Contaminant Level.
[c] NMED Water Quality Control Commission. Values shown in **bold** exceed the standard.
D Duplicate sample
EPA Environmental Protection Agency
MCL Maximum Contaminant Level
mg/L milligrams per liter
N/A not applicable
NMED New Mexico Environment Department
NTU nephelometric turbidity units
WQCC Water Quality Control Commission

Table B-5. Summary of Groundwater Monitoring for March through September 1996, Analytes Detected in Groundwater Samples at Solid Waste Management Unit WP-26 Sewage Lagoons [a]

Chemical Class and Laboratory Method	Analyte	EPA MCL [b]	NMED WQCC [c]	Well Number Date Sampled, Concentrations in mg/L										
				KAFB-0501	KAFB-0502	KAFB-0503	KAFB-0504	KAFB-0504D	KAFB-0501	KAFB-0504	KAFB-0504D	KAFB-0501	KAFB-0504	KAFB-0504D
				3/13/1996	3/15/1996	3/11/1996	3/13/1996	3/13/1996	7/2/1996	6/28/1996	6/28/1996	9/7/1996	9/7/1996	9/7/1996
VOCs - SW846-8260	Toluene	1	N/A	--	--	--	--	--	--	--	--	<1.0	3.80	3.80
Metals - SW846-6010	Chromium, dissolved	0.1	0.05	0.007	0.005	0.004	0.006	0.006	--	--	--	--	--	--
	Chromium, total	0.1	0.05	0.015	0.016	0.009	0.015	0.01	--	--	--	--	--	--
	Chromium, (VI)	0.1	0.05	0.01	<0.01	<0.01	<0.01	<0.01	--	--	--	--	--	--
Other	Nitrate/Nitrite	10	10	8.4	**12.7**	8	6.7	6.5	4.8	6.7	6.7	4.6	6.8	6.7
	Turbidity, NTU	N/A	N/A	1.9	1.2	1.9	1.3	0.9	--	--	--	--	--	--

[a] Daniel B. Stephens and Associates, Analytical Results for September 1996 Groundwater Monitoring Sewage Lagoons and Former Golf Course Main Pond Kirtland AFB, October 1,1996.
[b] EPA National Primary Drinking Water Standards Maximum Contaminant Level.
[c] NMED Water Quality Control Commission. Values shown in **bold** exceed the standard.
-- not analyzed
D Duplicate sample
EPA Environmental Protection Agency
MCL Maximum Contaminant Level
mg/L milligrams per liter
N/A not applicable
NMED New Mexico Environment Department
NTU nephelometric turbidity units
WQCC Water Quality Control Commission

Table B-6. Summary of Long Term Monitoring Data from 1996 through 2004, Analytes Detected in Ground-Water Samples at Solid Waste Management Unit WP-26 Sewage Lagoons[a] (Continued, Page 1 of 4)

Chemical Class and Laboratory Method	Analyte	EPA MCL [b]	NMED WQCC [c]	Well Number, Date Sampled									
				KAFB0501	KAFB0501	KAFB0501	KAFB0504	KAFB0504	KAFB0505	KAFB0505	KAFB0505	KAFB0505	KAFB0505
				1/3/1997	1/21/1997	3/25/1997	1/2/1997	3/26/1997	10/7/1999	1/19/2000	3/23/2000	6/20/2000	10/2/2000
Petroleum Hydrocarbons - E418.1, SW846-9060	Oil & Grease, Total Recoverable (mg/L)	N/A	N/A	--	--	--	--	--	--	7.0	--	--	--
	Total Organic Carbon (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
VOCs - SW846-8260	Acetone (ug/L)	N/A	N/A	--	<100.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Carbon disulfide (ug/L)	N/A	N/A	--	<5.0	<0.5	<5.0	<0.5	<0.5	7.5	<0.5	<0.5	<0.5
	Chloromethane (ug/L)	N/A	N/A	--	<10.0	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	1,1-Dichlorobenzene (ug/L)	5	25	--	<5.0	<0.5	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	1,3-Dichlorobenzene (ug/L)	75	N/A	--	--	<0.5	--	--	--	<0.5	<0.5	<0.5	<0.5
	1,4-Dichlorobenzene (ug/L)	75	N/A	--	<10.0	<0.5	<10	<10	--	<0.5	<0.5	<0.5	<0.5
	Methylene chloride (ug/L)	5	100	--	<5.0	0.10B	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Toluene (ug/L)	1,000	N/A	--	<5.0	4.4	15	2.1	<0.5	<0.5	<0.5	<0.5	<0.5
	Trichloroethylene (TCE) (ug/L)	5	100	--	<5.0	<0.5	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
Metals - SW846-6010	Arsenic, total (ug/L)	100	10	--	--	--	--	--	--	--	--	--	--
	Barium, total (ug/L)	2,000	1,000	--	--	--	--	--	--	--	--	--	--
	Boron, total (ug/L)	N/A	750	--	--	--	--	--	--	--	--	--	--
	Calcium, total (ug/L)	N/A	N/A	--	--	--							
	Cadmium, total (ug/L)	5	10	--	--	--							
	Chromium, total (ug/L)	100	50	--	--	--							
	Lead, total (ug/L)	15	50	--	--	--	--	--	--	--	--	--	--
	Magnesium, total (ug/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Manganese, total (ug/L)	50	200	--	--	--	--	--	--	--	--	--	--
	Mercury, total (ug/L)	2	2	--	--	--	--	--	--	--	--	--	--
	Molybdenum, total (ug/L)	N/A	1,000	--	--	--	--	--	--	--	--	--	--
	Nickel, total (ug/L)	N/A	200	--	--	--	--	--	--	--	--	--	--
	Potassium, total (ug/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Selenium, total (ug/L)	50	50	--	--	--	--	--	--	--	--	--	--
	Silver, total (ug/L)	100	N/A	--	--	--	--	--	--	--	--	--	--
	Sodium, total (ug/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
Other - A429, E350.1, E353.2, E160.1, E425.1, SW846-9320, E504	Alpha, gross (mrem/yr)	15	N/A	--	--	--	--	--	--	--	--	--	--
	Alkalinity, total (as CaCO3) (ug/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Alkalinity, bicarbonate (as CaCO3) (ug/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Alkalinity, carbonate (as CaCO3) (ug/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Beta, gross (mrem/yr)	4	N/A	--	--	--	--	--	--	--	--	--	--
	Bromide (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	13	13J
	1-Bromo-4-Fluorobenzene (4-Bromofluorobenzene) (percent)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Chloride, as Cl (mg/L)	250	250	--	--	--	--	--	--	--	--	13	13J
	Total dissolved solids, residue filterable (mg/L)	500	1,000	--	--	--	--	--	--	--	--	--	--
	Fluoride (mg/L)	2	N/A	--	--	--	--	--	--	--	--	0.8	1.1
	Methylene Blue Active Substances (mg/L)	N/A	N/A	--	--	--	--	--	--	1.4J	--	--	--
	Nitrogen, ammonia as N (mg/L)	N/A	N/A	--	--	--	--	--	0.08	<0.01	0.04J	0.29	0.07
	Nitrogen, kjeldahl, total (mg/L)	N/A	N/A	--	--	--	--	--	0.3	1.3J	1.4J	1.5B	1.9B
	Nitrogen, nitrite as N (mg/L)	1	N/A	--	--	--	--	--	--	--	--	--	--
	Nitrogen, nitrate as N (mg/L)	10	10	--	5.5	5.5	--	--	1.6	--	2.8	3	3.6
	Total Nitrogen, all forms calculated (mg/L)	N/A	N/A	--	--	--	--	--	1.9	3.4	4.1	5	5.5
	Nitrogen, nitrate-nitrite (mg/L)	N/A	N/A	4.9	--	--	8.8	8.8	1.6	2.1	2.7J	3.5	3.6
	Total Organic Halides (TOX) (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Phenolics, total recoverable	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Sulfate, as SO4 (mg/L)	250	600	--	--	--	--	--	--	--	--	60	58J
	Radium-228 (pCi/L)	5	N/A	--	--	--	--	--	--	--	--	--	--

Table B-6. Summary of Long Term Monitoring Data from 1996 through 2004, Analytes Detected in Ground-Water Samples at Solid Waste Management Unit WP-26 Sewage Lagoons[a] (Continued, Page 2 of 4)

Chemical Class and Laboratory Method	Analyte	EPA MCL [b]	NMED WQCC [c]	Well Number, Date Sampled									
				KAFB0505	KAFB0505	KAFB0505	KAFB0505	KAFB0505	KAFB0505	KAFB0505	KAFB0505	KAFB0505	KAFB0505
				4/2/2001	10/3/2001	3/21/2002	9/25/2002	3/20/2003	7/24/2003	10/24/2003	1/26/2004	4/27/2004	8/2/2004
Petroleum Hydrocarbons - E418.1, SW846-9060	Oil & Grease, Total Rec (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Total Organic Carbon (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
VOCs - SW846-8260	Acetone (ug/L)	N/A	N/A	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Carbon disulfide (ug/L)	N/A	N/A	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chloromethane (ug/L)	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1,1-Dichlorobenzene (ug/L)	5	25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1,3-Dichlorobenzene (ug/L)	75	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1,4-Dichlorobenzene (ug/L)	75	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	Methylene chloride (ug/L)	5	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
	Toluene (ug/L)	1,000	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Trichloroethylene (TCE) (ug/L)	5	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Metals - SW846-6010	Arsenic, total (ug/L)	100	10	--	--	--	--	--	<1.0	<1.0	<1.1	2.1	1.1
	Barium, total (ug/L)	2,000	1,000	--	--	--	--	--	93.1	81.4	89.4	77.2E	88.7
	Boron, total (ug/L)	N/A	750	--	--	--	--	--	--	31.5	--	--	--
	Calcium, total (ug/L)	N/A	N/A	--	--	--	--	--	76,700	72,100E	71,600	71,200	71,600
	Cadmium, total (ug/L)	5	10	--	--	--	--	--	<1.0	<1.0	<1.1	<1.1	<1.1
	Chromium, total (ug/L)	100	50	--	--	--	--	--	<1.0	<1.0	<1.1	<1.3	<1.1
	Lead, total (ug/L)	15	50	--	--	--	--	--	<1.0	<1.0	<1.1	<1.1	<1.1
	Magnesium, total (ug/L)	N/A	N/A	--	--	--	--	--	14,200	12,800NJ	12,600	12,800	10,800
	Manganese, total (ug/L)	50	200	--	--	--	--	--	--	9.9	--	--	--
	Mercury, total (ug/L)	2	2	--	--	--	--	--	<0.20	<0.20	<0.20	<0.20	<0.20
	Molybdenum, total (ug/L)	N/A	1,000	--	--	--	--	--	--	1.3	--	--	--
	Nickel, total (ug/L)	N/A	200	--	--	--	--	--	--	2.6	--	--	--
	Potassium, total (ug/L)	N/A	N/A	--	--	--	--	--	2,440	2,350	2,790	2,630	2,210
	Selenium, total (ug/L)	50	50	--	--	--	--	--	2.3	2.7	1.9	8.7	4.9
	Silver, total (ug/L)	100	N/A	--	--	--	--	--	<1.0	<1.0	<1.1	<1.1	<1.1
	Sodium, total (ug/L)	N/A	N/A	--	--	--	--	--	28,000	26,700E	27,800	27,400	25,600
Other - A429, E350.1, E353.2, E160.1, E425.1, SW846-9320, E504	Alpha, gross (mrem/yr)	15	N/A	--	--	--	--	--	--	--	--	--	--
	Alkalinity, total (as CaCO3) (ug/L)	N/A	N/A	--	--	--	--	--	190	170	190	170	170
	Alkalinity, bicarbonate (as CaCO3) (ug/L)	N/A	N/A	--	--	--	--	--	190	170	190	170	170
	Alkalinity, carbonate (as CaCO3) (ug/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Beta, gross (mrem/yr)	4	N/A	--	--	--	--	--	--	--	--	--	--
	Bromide (mg/L)	N/A	N/A	1.0J	16	15	16	--	15	16	14J	14J	14
	1-Bromo-4-Fluorobenzene (4-Bromofluorobenzene) (percent)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Chloride, as Cl (mg/L)	250	250	1.0J	16	15	16	--	15	16	14J	14J	14
	Total dissolved solids, residue filterable (mg/L)	500	1,000	--	--	380	390	370	370	380	370	350	380
	Fluoride (mg/L)	2	N/A	<0.20	0.3	0.4	0.4	--	0.4	0.4	0.4	0.3	0.4
	Methylene Blue Active Substances (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Nitrogen, ammonia as N (mg/L)	N/A	N/A	0.58	0.47	0.26	0.05	0.03	0.08	<0.02	0.1J	<0.02J	<0.02
	Nitrogen, kjeldahl, total (mg/L)	N/A	N/A	1.6	0.8	0.9	<0.30	<0.30	<0.3	<0.30	<0.30	0.3J	<0.30
	Nitrogen, nitrite as N (mg/L)	1	N/A	--	--	--	--	--	0.6	<0.10	<0.1	<0.1	--
	Nitrogen, nitrate as N (mg/L)	10	10	0.5J	6.4	5.8	7.3	5.4	6.4	6.5	5J	3	--
	Total Nitrogen, all forms calculated (mg/L)	N/A	N/A	5.8	7.4	7.4	6.8	5.4	6.5	6	5	6.4	6.1
	Nitrogen, nitrate-nitrite (mg/L)	N/A	N/A	4.2	6.6	6.5	6.8	5.4	6.5	6	5	6.1	6.1J
	Total Organic Halides (TOX) (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Phenolics, total recoverable	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Sulfate, as SO4 (mg/L)	250	600	6J	78	72	94	--	85	92	85J	78	88
	Radium-228 (pCi/L)	5	N/A	--	--	--	--	--	--	--	--	--	--

Table B-6. Summary of Long Term Monitoring Data from 1996 through 2004, Analytes Detected in Ground-Water Samples at Solid Waste Management Unit WP-26 Sewage Lagoons[a] (Continued, Page 3 of 4)

Chemical Class and Laboratory Method	Analyte	EPA MCL [b]	NMED WQCC [c]	Well Number, Date Sampled									
				KAFB0505	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506
				10/20/2004	12/15/1998	4/6/1999	6/22/1999	9/29/1999	3/23/2000	10/2/2000	4/4/2001	10/3/2001	3/21/2002
Petroleum Hydrocarbons - E418.1, SW846-9060	Oil & Grease, Total Rec (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Total Organic Carbon (mg/L)	N/A	N/A	--	2.2	1.2	1.7	2.6	<1.0	<1.0	<1.0	<1.0	1.1
VOCs - SW846-8260	Acetone (ug/L)	N/A	N/A	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Carbon disulfide (ug/L)	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chloromethane (ug/L)	N/A	N/A	0.8B	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1,1-Dichlorobenzene (ug/L)	5	25	<0.5	5.7	5.3	6.5	<0.5	5.9	6	6.2	6	5.4
	1,3-Dichlorobenzene (ug/L)	75	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	2.2	--	--	--	<0.5
	1,4-Dichlorobenzene (ug/L)	75	N/A	<5.0	0.8	1.3	10	<0.5	<2.0	1.3	1.3	<0.5	1.1
	Methylene chloride (ug/L)	5	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Toluene (ug/L)	1,000	N/A	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	<05	<0.5	<0.5	<0.5
	Trichloroethylene (TCE) (ug/L)	5	100	<0.5	**7.3**	**8.3**	**8.7**	**7.8**	**5.5**	**5.7**	**5.5**	4.8	4.1
Metals - SW846-6010	Arsenic, total (ug/L)	100	10	<1.1	4.4	3.2	5.4	2.2	2.7	1.7	1.5	1.5	<1.0
	Barium, total (ug/L)	2,000.00	1,000.00	75.3	297E	200	171	155	151	109	104	87	89.4
	Boron, total (ug/L)	N/A	750	--	--	--	--	--	--	--	--	--	--
	Calcium, total (ug/L)	N/A	N/A	--	--	117,000	122,000	115,000	--	82,600	90,200	102,000	--
	Cadmium, total (ug/L)	5	10	<1.1	<0.5	<1.0	<1.0	<1.0	<1.0	<0.90	2.3	<1.0	<1.0
	Chromium, total (ug/L)	100	50	<1.1	<2.3	< 5.0	<5.0	<5.0	<5.0	<4.5	<5.0	<5.0	<5.0
	Lead, total (ug/L)	15	50	<1.1	1.3	<1.0	<1.0	<1.0	<1.0	<0.90	<1.0	<1.0	<1.0
	Magnesium, total (ug/L)	N/A	N/A	--	--	15,900	16,900	16,300	14,900	12,400	14,700	16,200	--
	Manganese, total (ug/L)	50	200	--	103	<9.0	<20.0	<20.0	<20.0	2.8	<1.0	2.3	1.7
	Mercury, total (ug/L)	2	2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20
	Molybdenum, total (ug/L)	N/A	1,000	--	--	--	--	--	--	--	--	--	--
	Nickel, total (ug/L)	N/A	200	--	--	--	--	--	--	--	--	--	--
	Potassium, total (ug/L)	N/A	N/A	--	--	1,890	1,980	2,010	2,320	1,750	1,710	1,810	--
	Selenium, total (ug/L)	50	50	2.1	20.9	13.9	19.2	16.6	17.2	32.8	36.7	**51.4**	7.1
	Silver, total (ug/L)	100	N/A	<1.1	<1.4R	<3.0	<3.0	<3.0	<3.0	<2.7	<3.0	<3.0	<3.0
	Sodium, total (ug/L)	N/A	N/A	--	25,800E	22,700	23,600	23,900	19,300	20,900	21,500	22,500	22,400
Other - A429, E350.1, E353.2, E160.1, E425.1, SW846-9320, E504	Alpha, gross (mrem/yr)	15	N/A	--	<2.8	<2.8	<2.9	<3.7	4.3	<3.2	<5.6	<3.1	<3.1
	Alkalinity, total (as CaCO3) (ug/L)	N/A	N/A	170	--	--	--	--	--	--	--	--	--
	Alkalinity, bicarbonate (as CaCO3) (ug/L)	N/A	N/A	170	--	70	72	73	79	69	70	77	--
	Alkalinity, carbonate (as CaCO3) (ug/L)	N/A	N/A	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	--
	Beta, gross (mrem/yr)	4	N/A	--	<0.37	<0.36	0.69	0.43	<0.43	<0.43	<0.82	<0.41	<0.43
	Bromide (mg/L)	N/A	N/A	13	150	150	150	150	160	150	130J	140	160
	1-Bromo-4-Fluorobenzene (4-Bromofluorobenzene) (percent)	N/A	N/A	--	--	--	108	--	--	--	--	--	--
	Chloride, as Cl (mg/L)	250	250	13	150	150	150	150	160	150	130J	140	160
	Total dissolved solids, residue filterable (mg/L)	500	1,000	390	--	--	--	--	--	--	--	--	610
	Fluoride (mg/L)	2	N/A	0.4	0.8	<1.0	<1.0	0.5	0.6	0.7	0.5	0.4	0.3
	Methylene Blue Active Substances (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Nitrogen, ammonia as N (mg/L)	N/A	N/A	<0.05	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.16J	0.07	<0.01
	Nitrogen, kjeldahl, total (mg/L)	N/A	N/A	<1.0	<0.30	<0.30	<0.30	<0.30	0.9	<0.30	<0.30	0.8	<0.30
	Nitrogen, nitrite as N (mg/L)	1	N/A	<0.1	--	2.6	--	--	--	--	--	--	--
	Nitrogen, nitrate as N (mg/L)	10	10	5.2	2.2J	--	2.7	2.5J	2.9	2.7	2.7	2.8	3
	Total Nitrogen, all forms calculated (mg/L)	N/A	N/A	5.5	2.6	2.5	2.5	2.5	3.6	2.7J	2.8	3.7	3.9
	Nitrogen, nitrate-nitrite (mg/L)	N/A	N/A	5.5J	2.6	2.5	2.5	2.5J	2.7	2.7	2.8	2.9	3.9
	Total Organic Halides (TOX) (mg/L)	N/A	N/A	--	<0.02	0.02	0.02	0.02	0.02J	<0.02	<0.02	<0.05	<0.02
	Phenolics, total recoverable	N/A	N/A	--	--	--	--	--	<0.005	--	--	0.008	0.005BUJ
	Sulfate, as SO4 (mg/L)	250	600	85J	93	120	130	120	140	110J	230	130	140
	Radium-228 (pCi/L)	5	N/A	--	2.35	3.2	1.8	<1.4	<1.8	<1.5	<1.4	<1.4	<2.4

Table B-6. Summary of Long Term Monitoring Data from 1996 through 2004, Analytes Detected in Ground-Water Samples at Solid Waste Management Unit WP-26 Sewage Lagoons[a] (Concluded, Page 4 of 4)

Chemical Class and Laboratory Method	Analyte	EPA MCL [b]	NMED WQCC [c]	Well Number, Date Sampled									
				KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506	KAFB0506
				9/25/2002	3/20/2003	7/25/2003	10/23/2003	10/23/2003 Dup	1/27/2004	4/26/2004	8/3/2004	10/20/2004	10/20/2004 Dup
Petroleum Hydrocarbons - E418.1, SW846-9060	Oil & Grease, Total Rec (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Total Organic Carbon (mg/L)	N/A	N/A	<1.0	<1.0	--	--	--	--	--	--	--	--
VOCs - SW846-8260	Acetone (ug/L)	N/A	N/A	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Carbon disulfide (ug/L)	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chloromethane (ug/L)	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1,1-Dichlorobenzene (ug/L)	5	25	5	4.2	4.8	4.8	4.9	**5.8**	4.7	4.9	5.2	5.4
	1,3-Dichlorobenzene (ug/L)	75	N/A	--	--	--	--	--	--	0.5	<0.5	--	<0.5
	1,4-Dichlorobenzene (ug/L)	75	N/A	0.8	0.6	0.6	0.6	0.6	0.6	--	<0.5	<0.5	<0.5
	Methylene chloride (ug/L)	5	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
	Toluene (ug/L)	1,000	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Trichloroethylene (TCE) (ug/L)	5	100	4.4	4.4	3.9	4.2	4.3	4.8	3.6	4	4.3	4.2
Metals - SW846-6010	Arsenic, total (ug/L)	100	10	<1.1	<1.1	--	1.8	1.8	--	--	--	<1.1	<1.1
	Barium, total (ug/L)	2,000	1,000	77.9	72.8	--	68.9	67.6	--	--	--	65.2	67.3
	Boron, total (ug/L)	N/A	750	--	--	--	--	--	--	--	--	--	--
	Calcium, total (ug/L)	N/A	N/A	--	--	129,000	12,300	118,000	124,000	125,000	12,300	131,000	133,000
	Cadmium, total (ug/L)	5	10	<1.1	<1.1	--	<1.0	<1.0	--	--	--	<1.1	<1.1
	Chromium, total (ug/L)	100	50	1.2	1.4	--	5.3	5	--	--	--	2.1	2.7
	Lead, total (ug/L)	15	50	<1.1	<1.1	--	<1.0	<1.0	--	--	--	<1.1	<1.1
	Magnesium, total (ug/L)	N/A	N/A	--	--	19,500	17,800	17,500	17,700	18,100	14,600	18,200	17,600
	Manganese, total (ug/L)	50	200	<5.6	<5.6	--	<5.0	<5.0	--	--	--	<6.0	--
	Mercury, total (ug/L)	2	2	<0.20	<0.20	--	<0.20	<0.20	--	--	--	<0.20	<0.20
	Molybdenum, total (ug/L)	N/A	1,000	--	--	--	--	--	--	--	--	--	--
	Nickel, total (ug/L)	N/A	200	--	--	--	--	--	--	--	--	--	--
	Potassium, total (ug/L)	N/A	N/A	--	--	1,830	1,880	1,830	1,820	2,090	1,760	2,040	1,980
	Selenium, total (ug/L)	50	50	6.7	7.7	--	10.7	10E	--	--	--	9.4	9.4
	Silver, total (ug/L)	100	N/A	<1.1	<1.1	--	<1.0	<1.0	--	--	--	<1.1	<1.1
	Sodium, total (ug/L)	N/A	N/A	24,700	22,400	24,700	23,200	22,200	23,900	24,000	20,500	25,100	25,300
Other - A429, E350.1, E353.2, E160.1, E425.1, SW846-9320, E504	Alpha, gross (mrem/yr)	15	N/A	<2.4	<4.9	--	3.1	2.7	--	--	--	3.1	<3.09
	Alkalinity, total (as CaCO3) (ug/L)	N/A	N/A	--	--	71	68	70	78	74	68	71	72
	Alkalinity, bicarbonate (as CaCO3) (ug/L)	N/A	N/A	--	--	71	68	70	78	74	68	71	72
	Alkalinity, carbonate (as CaCO3) (ug/L)	N/A	N/A	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Beta, gross (mrem/yr)	4	N/A	0.49	<0.70	--	<0.34	0.48	--	--	--	0.63	<0.4
	Bromide (mg/L)	N/A	N/A	180	160	1	1	1	2	2	1	1	--
	1-Bromo-4-Fluorobenzene (4-Bromofluorobenzene) (percent)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Chloride, as Cl (mg/L)	250	250	180	160	140	140	140	140	140	140	130	140
	Total dissolved solids, residue filterable (mg/L)	500	1,000.00	670	620	650	640	640	660	660	700	720	630
	Fluoride (mg/L)	2	N/A	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
	Methylene Blue Active Substances (mg/L)	N/A	N/A	--	--	--	--	--	--	--	--	--	--
	Nitrogen, ammonia as N (mg/L)	N/A	N/A	<0.01	<0.01	<.02	<0.02	<0.02	0.04	<0.02	--	<0.05	<0.05
	Nitrogen, kjeldahl, total (mg/L)	N/A	N/A	<0.30	<0.30	<0.30	<0.30	<0.30	0.4	<0.30	0.6	<1.0	<1.0
	Nitrogen, nitrite as N (mg/L)	1	N/A	--	--	1	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.10
	Nitrogen, nitrate as N (mg/L)	10	10	2.9	2.9	2.5	3	3	2.7	2.6	<2.8	2.7	2.7
	Total Nitrogen, all forms calculated (mg/L)	N/A	N/A	2.7	2.8	3	3	3	3.4	2.6	3.5	2.9	2.8
	Nitrogen, nitrate-nitrite (mg/L)	N/A	N/A	2.7	2.8	3	3	3	3	2.6	2.9	2.9	2.8
	Total Organic Halides (TOX) (mg/L)	N/A	N/A	<0.05	<0.05	--	--	--	--	--	--	--	--
	Phenolics, total recoverable	N/A	N/A	0.01UB	<0.005	--	--	--	--	--	--	--	--
	Sulfate, as SO4 (mg/L)	250	600	150	160	140	170	170	160	150	160	190	190
	Radium-228 (pCi/L)	5	N/A	<1.7	<1.4	--	<1.7	<1.6	--	--	--	3.4	3

[a] Tetra Tech, Denver Colorado. Contact person Pam Moss.
[b] EPA National Primary Drinking Water Standards Maximum Contaminant Level.
[c] NMED Water Quality Control Commission. Concentrations exceeding the standard are shown in **bold**.
-- not analyzed
B Analyte detected in associated blank.
E Measurement past calibration range.
EPA Environmental Protection Agency
J Estimate
MCL Maximum Contaminant Level
mg/L milligrams per liter
mrem/yr millirem per year
N Identification of analyte is tentative.
N/A not applicable
NMED New Mexico Environment Department
pCi/L picocuries per liter
U Analyte considered not detected.
ug/L microgram per liter
VOC volatile organic compound
WQCC Water Quality Control Commission

Table B-7. Summary of Groundwater Sampling at Monitoring Well KAFB-2602A, Analytes Detected in Groundwater at Solid Waste Management Unit WP-26 Sewage Lagoons [a]

Chemical Class and Laboratory Method	Analyte	EPA MCL [b]	NMED WQCC [c]	Well Number, Date Sampled, Concentrations in ug/L
				KAFB-2602A
				2/2003
VOCs - SW846 8260	Acetone	N/A	N/A	2.2J
	Toluene	1	N/A	0.11J
	Tetrachloroethylene (PCE)	5	20	0.23J
	Trichloroethylene (TCE)	5	100	**9.12**
	1,1 - Dichloroethylene (DCE)	5	7	0.14J
	1,1 - Dichloroethane (DCA)	N/A	25	2.95J
	1,2 - Dichloroethane (DCA)	5	10	0.11J
Metals - SW846 6010	Iron	300	N/A	<50
Anions - 300	Nitrate (mg/L)	10	10	0.2

[a] CH2M HILL, 2003. Technical Memorandum, Groundwater Sampling at Monitoring Wells KAFB-0903, KAFB-0904, KAFB-8282, KAFB-7001, KAFB-2004, and WP-26-02A.

[b] EPA National Primary Drinking Water Standards Maximum Contaminant Level.
Concentrations exceeding the MCL are shown in bold.

[c] NMED Water Quality Control Commission.

EPA Environmental Protection Agency
MCL Maximum Contaminant Level
N/A not applicable
NMED New Mexico Environment Department
ug/L microgram per liter
VOC volatile organic compound
WQCC Water Quality Control Commission

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B-8. Summary of Detected Analytes from Perched Groundwater Wells, Solid Waste Management Unit WP-26, Sewage Lagoons

	Sample Location	KAFB-0506		KAFB-2622B					KAFB-2624		
Chemical Class (units)	**Sample Date**	9/14/06	Duplicate	12/10/04	12/10/04	10/18/05	9/14/06	9/14/07	10/18/05	9/14/06	9/14/07
Analytical Method	**Analyte**										
VOCs (µg/L)	1,1-Dichloroethane	ND	ND	3.6	3.4	3.4	0.31 J	3.5	0.65 J	ND	0.52 J
Method 8260	1,1-Dichloroethene	ND	ND	< 0.5	< 0.5	0.34 J	ND	ND	<0.14	ND	ND
	1,2-Dichlorobenzene	1.4 J	ND	0.8	0.8	0.56 J	0.46 J	0.41 J	0.22 J	ND	0.13 J
	1,3-Dichlorobenzene	0.30 J	0.32 J	< 0.5	< 0.5	< 0.5	ND	ND	< 0.5	ND	ND
	1,4-Dichlorobenzene	4.5	4.3	< 0.5	< 0.5	< 0.5	ND	ND	< 0.5	ND	ND
	1,2-Dichloroethane (EDC)	ND	ND	< 0.5	< 0.5	0.15 J	ND	ND	< 0.13	ND	ND
	Chloroform	ND	ND	< 0.5	< 0.5	0.16 J	ND	0.17 J	<0.16	ND	ND
	cis-1,2-Dichloroethene	0.30 J	0.27 J	6.5	6.2	---	4.3	ND	---	0.70 J	ND
	Tetrachloroethene	ND	ND	0.5	0.4 F	0.42 J	0.40 J	0.32 J	< 0.20	ND	ND
	Toluene	ND	ND	< 0.5	< 0.5	<0.17	ND	0.18 J	1.3	ND	ND
	Trichloroethene	3.2	3.2	31.6	29.7	24	23	19	11	9.2	11
Perchlorate (µg/L)											
Method 314.0	Perchlorate	1.9	1.9	---	---	---	8.4	8.1	---	11	11
Metals (mg/L) Method	Arsenic	---	---	---	---	0.0032 J	---	---	0.0027 J	---	---
6010B and 6020B[b]	Arsenic (dissolved)	0.0021 J	0.0025 J	---	---	---	0.0021 J	0.00099J	---	0.0023 J	0.00079J
	Barium	---	---	---	---	0.066	---	---	0.35	---	---
	Barium (dissolved)	0.053	0.052	---	---	---	0.062	0.065	---	0.36	0.32
	Cadmium	---	---	---	---	< 0.00018	---	---	< 0.00018	---	---
	Cadmium (dissolved)	ND	ND	---	---	---	ND	ND	---	ND	0.00008J
	Chromium	---	---	---	---	< 0.00022	---	---	< 0.00022	---	---
	Chromium (dissolved)	0.0026 J	0.0023 J	---	---	---	0.00091 J	0.0018J	---	0.0016 J	0.0019J
	Lead	---	---	---	---	< 0.00088	---	---	< 0.00088	---	---
	Lead (dissolved)	ND	ND	---	---	---	ND	0.00026J	---	0.00018 J	ND
	Manganese	---	---	---	---	< 0.00012	---	---	0.13	---	---
	Manganese (dissolved)	0.00071J	0.00068J	---	---	---	0.00036J	0.0012J	---	0.028	18
	Selenium	---	---	---	---	0.0055	---	---	0.0059	---	---
	Selenium (dissolved)	0.012	0.014	---	---	---	0.0012 J	0.0055	---	0.0016 J	0.0051
	Silver	---	---	---	---	< 0.00030	---	ND	0.00054 J	---	ND
	Mercury	ND	ND	---	---	0.000028 J	0.000028J	---	< 0.000027	ND	---
Anions (mg/L)	Fluoride	0.46 J	0.28 J	---	---	0.26 J	0.32 J	0.3 J	0.20 J	0.33 J	0.28 J
Method 300.0	Chloride	6.7 R	120	---	---	200	200	190	15	200	190
	Sulfate	25 R	200	---	---	130	120	120	31	29	31
Nitrogen Species (mg/L)	Nitrite (as N)	---	---	< 1	< 1	---	---	---	---	---	---
Methods E300, E350.1,	Nitrate (as N)	5.9 R	2.5	3.9	4.1	3.4	3.2	3.3	3.3	3.4	3.5
E350.2, E351.3, E353.2	Ammonia as N	---	---	< 1	< 1	---	---	---	---	---	---
	Total Kjeldahl Nitrogen	---	---	0.12 F	< 1	---	---	---	---	---	---
Radiochemistry (pCi/L)	Gross Alpha	ND	3.8	---	---	<3.68+2.39	ND	ND	16.4+3.97	6.2	ND
Method E900, SW9310,	Gross Beta	0.49	ND	---	---	1.26+0.658	ND	ND	13.9+2.40	1.29	0.53
Radiochemistry (mrem/yr)	Radium (226)	0.2 J	ND	---	---	<0.481+0.215	0.19 J	ND	1.35+0.317	1.05	0.3 J
	Radium 228	ND	ND	---	---	1.26+0.658J	ND	ND	1.11+0.601J	ND	ND
TDS (mg/L) Method E160.1	Total Dissolved Solids	620	650	---	---	660	610	660	570	500	560

--- not analyzed
J - estimated value
R - rejected during data validation
mg/L - milligrams per liter
mrem/yr - millirems per year
ND - not detected, no detection limit available
pCi/L - picoCurries per liter
µg/L - micrograms per liter
VOC - volatile organic compound

Table B-9. Field Parameters, General Chemistry, and Nitrogen Species Analytical Results for Monitoring Well KAFB-0507 Located Downgradient of Solid Waste Management Unit WP-26, Sewage Lagoons

Date Sampled	Groundwater Elevation ft above MSL	Dissolved Oxygen mg/L	Temperature degrees C	pH	Specific Conductance mS/cm	Oxidation-Reduction Potential mV	Turbidity NTU	Total Dissolved Solids mg/L	Nitrate (NO_3) mg/L	Nitrite (NO_2) mg/L	Nitrate + Nitrite mg/L	Ammonia mg/L	Total Kjeldahl Nitrogen mg/L
Mar-01	4861.38	NM	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA
Sep-01	4858.78	NM	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA
4-Oct-01	4859.07	9.65	20.2	7.60	0.526	106	68.1	NA	**10**	<0.1	NA	NA	NA
6-Aug-02	4858.54	7.51	19.0	6.95	0.591	219	-0.7	403	**10**	<0.1	NA	<1.0	<1.0
29-Jan-03	4855.26	10.4	16.7	6.83	0.537	285	-5.8	378	9.9	<0.1	NA	<1.0	<1.0
15-Jul-03	4857.90	9.2	18.97	7.70	0.575	425.3	NA	351	9.9	<0.2	NA	<1.0	<1.0
15-Jul-03	NM	NM	NM	NM	NM	NM	NM	NA	9.6	NA	9.9	NA	NA
31-Oct-03	4856.97	8.48	18.92	7.56	0.504	113	29.3	NA	9.6	<0.25	NA	NA	NA
31-Oct-03	NM	NM	NM	NM	NM	NM	NM	NA	9.5	NA	9.6	NA	NA
14-Jan-04	4858.00	8.12	18.30	7.33	0.589	325	0.8	370	9.5	<0.2	NA	<1	<1
14-Jan-04	NM	NM	NM	NM	NM	NM	NM	NA	9.5	NA	9.5	NA	NA
12-Apr-04	4858.30	6.62	18.38	7.40	0.592	366	5.6	NA	9.2	<0.25	NA	NA	NA
12-Apr-04	NM	NM	NM	NM	NM	NM	NM	NA	8.8	NA	9.2	NA	NA
8-Jul-04	4856.04	9.83	21.30	7.75	0.386	151	151	NA	9.2	<0.25	NA	0.1	0.12
8-Jul-04	NM	NM	NM	NM	NM	NM	NM	NA	9.4	NA	9.2	NA	NA
21-Oct-04	NM	NM	NM	NM	NM	NM	NM	NA	7.9	NA	7.7	NA	NA
6-Jan-05	4856.2	9.56	16.90	7.87	0.561	241	0	NA	9.1	<0.2	NA	<1	<1
6-Jan-05	DUP	9.56	16.90	7.87	0.561	241	0	NA	9	<0.2	NA	<1	<1
5-Jul-05	4856.27	5.73	20.92	7.43	0.486	403	1	370	8.4	<0.2	NA	<1	0.17
5-Jul-05	DUP	5.73	20.92	7.43	0.486	403	1	370	8.7	<0.2	NA	<1	0.17
25-Jan-06	4856.32	3.19	16.68	8.17	0.519	341	0	NA	8.6	<0.25	NA	0.1	0.24
25-Jan-06	DUP	3.19	16.68	8.17	0.519	341	0	NA	8.9	<0.25	NA	0.084	0.28
21-Jul-06	4854.80	8.29	19.11	7.54	0.501	248.3	NM	380	9	<0.1	NA	<0.5	0.26
10-Jan-07	4856.03	NM	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA
18-Jan-07	NM	12.57	17.34	8.31	0.459	-217.6	0.9	360	8.3	<0.1	NA	<0.5	<1
5-Sep-07	4853.80	NM	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA
13-Sep-07	NM	9.73	18.93	7.42	0.47	132.2	2.1	1700	8.1	<0.4	NA	<0.1	<0.2
4-Mar-08	4855.78	NM	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA
16-Sep-08	4852.95	5.53	19.18	7.59	0.35	171	1.53	350	8.1	<0.05	NA	<0.2	0.21
2-Mar-09	4854.33	NM	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA

Bold - exceed New Mexico Water Quality Control Commission Standard for Groundwater
C - centigrade
DUP - duplicate
ft - foot/feet
mg/L - milligrams per liter
mS/cm - millisiemens per centimeter
MSL - mean sea level
mV - millivolts
NA - not analyzed
NM - not measured
NTU - nephelometric turbidity unit

Table B-10. Analytical Results for Regional Aquifer Groundwater Monitoring Wells KAFB-0507 and KAFB-0508 Located Downgradient of Sold Waste Management Unit WP-26, Sewage Lagoons

			Monitoring Well	KAFB-0507	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508
			Screened Interval (ft bgs)		481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506
Analysis (units) and Method	**Analyte**	**NMWQCC Standard[a]**	**Sample Date EPA MCL[b]**	4/4/2001	8/6/2002	1/23/2003	7/10/2003	10/27/2003	1/20/2004	4/12/2004	7/8/2004	10/19/2004	1/11/2005	7/5/2005	1/25/2006	9/19/2007
Volatile Organic Compounds (ug/L) SW846-8260B[c]	1,1,1,2-Tetrachloroethane	10	NE	<0.5	<0.1	<0.19	<0.035	<0.071	<0.071	<0.059	<0.083	<0.059	<0.083	<0.044	<0.044	--
	1,1,1-Trichloroethane	60	200	<0.5	<0.1	<0.16	<0.038	<0.064	<0.064	<0.088	<0.044	<0.088	<0.044	<0.036	<0.036	--
	1,1,2,2-Tetrachloroethane	10	NE	<0.5	<0.1	<0.32	<0.044	<0.028	<0.028	<0.074	<0.11	<0.074	<0.11	<0.12	<0.12	--
	1,1,2-Trichloroethane	10	5	<0.5	<0.3	<0.16	<0.088	<0.034	<0.034	<0.11	<0.042	<0.11	<0.042	<0.025	<0.025	--
	1,1-Dichloroethane	25	NE	<0.5	<0.1	<0.1	<0.044	<0.03	<0.03	<0.079	<0.066	<0.079	<0.066	<0.031	<0.031	--
	1,1-Dichloroethene	5	7	<0.5	<0.1	<0.16	<0.047	<0.047	<0.047	<0.065	<0.051	<0.065	<0.051	<0.036	<0.036	--
	1,1-Dichloropropene	NE	NE	--	<0.1	<0.6	<0.046	<0.039	<0.039	<0.094	<0.018	<0.094	<0.018	<0.076	<0.076	--
	1,2,3-Trichlorobenzene	NE	NE	--	<0.7	<0.67	<0.054	<0.026	<0.026	<0.073	<0.14	<0.073	<0.14	<0.17	<0.17	--
	1,2,3-Trichloropropane	NE	NE	<0.5	<0.3	<0.23	<0.22	<0.24	<0.24	<0.22	<0.094	<0.22	<0.094	<0.26	<0.26	--
	1,2,4-Trichlorobenzene	NE	70	--	<0.2	<1.4	<0.042	<0.048	<0.048	<0.079	<1.1	<0.079	<0.95	<0.044	<0.044	--
	1,2,4-Trimethylbenzene	NE	NE	--	<0.1	<0.22	<0.025	<0.022	<0.022	<0.046	<0.04	<0.046	<0.04	<1.7	<1.4	--
	1,2-Dichlorobenzene	NE	600	<0.5	<0.1	<1.5	<0.015	<0.044	<0.044	<0.039	<1.1	<0.039	<0.54	<1.2	<1.1	--
	1,2-Dichloroethane (EDC)	10	5	<0.5	<0.2	<0.17	<0.057	<0.18	<0.18	<0.16	<0.066	<0.16	<0.066	<0.063	<0.063	--
	1,2-Dichloropropane	NE	5	<0.5	<0.2	<0.19	<0.022	<0.031	<0.031	<0.11	<0.14	<0.11	<0.14	<0.067	<0.067	--
	1,3,5-Trimethylbenzene	NE	NE	--	<0.1	<0.21	<0.031	<0.017	<0.017	<0.044	<0.083	<0.044	<0.083	<0.038	<0.038	--
	1,3-Dichlorobenzene	NE	NE	<0.5	<0.1	<0.15	<0.015	<0.031	<0.031	<0.048	<1.2	<0.048	<0.73	<1.5	<1.3	--
	1,3-Dichloropropane	NE	NE	--	<0.1	<1.5	<0.022	<0.051	<0.051	<0.054	<0.059	<0.054	<0.059	<0.049	<0.049	--
	1,4-Dichlorobenzene	NE	75	<0.5	<0.1	<1.5	<0.022	<0.031	<0.031	<0.04	<1.2	<0.04	<1.5	<1.4	<1.4	--
	2,2-Dichloropropane	NE	NE	--	<0.1	<0.18	<0.049	<0.038	<0.038	<0.088	<0.031	<0.088	<0.031	<0.054	<0.054	--
	2-Butanone (MEK)	NE	NE	<1	<0.3	<1.3	<0.15	<0.48	<0.48	<0.74	<0.37	<0.74	<0.37	<0.51	<0.51	--
	2-Chlorotoluene	NE	NE	--	<0.2	<0.22	<0.035	<0.038	<0.038	<0.073	<0.053	<0.073	<0.053	<0.066	<0.066	--
	2-Hexanone	NE	NE	<1	<0.3	<0.54	<0.16	<0.073	<0.073	<0.15	<0.35	<0.15	<0.35	<0.2	<0.2	--
	4-Chlorotoluene	NE	NE	--	<0.1	<0.31	<0.04	<0.035	<0.035	<0.065	<0.051	<0.065	<0.051	<0.068	<0.068	--
	4-Isopropyltoluene	NE	NE	--	<0.1	<0.24	<0.015	<0.015	<0.015	<0.059	<0.043	<0.059	<0.043	<0.035	<0.035	--
	4-Methyl-2-pentanone	NE	NE	<1	<0.4	<0.43	<0.067	<0.07	<0.07	<0.057	<0.2	<0.057	<0.2	<0.065	<0.065	--
	Acetone	NE	NE	<5	<2.2	<0.54	<0.54	<1.1	<1.1	<1.4	<0.49	<1.4	<0.49	<0.58	<0.58	--
	Benzene	10	5	<0.5	<0.1	<0.15	<0.076	<0.057	<0.057	<0.061	<0.044	<0.061	<0.044	<0.054	<0.054	--
	Bromobenzene	NE	NE	--	<0.1	<0.31	<0.062	<0.051	<0.051	<0.062	<0.075	<0.062	<0.075	<0.083	<0.083	--
	Bromochloromethane	NE	NE	<0.5	<0.1	<0.17	<0.057	<0.11	<0.11	<0.11	<0.17	<0.11	<0.17	<0.097	<0.097	--
	Bromodichloromethane	NE	NE	<0.5	<0.2	<0.15	<0.024	<0.059	<0.059	<0.047	<0.069	<0.047	<0.069	<0.042	<0.042	--
	Bromoform	NE	NE	<0.5	<0.2	<0.2	<0.039	<0.18	<0.18	<0.046	<0.087	<0.046	<0.087	<0.092	<0.092	--
	Bromomethane	NE	NE	<0.5	<0.3	<0.29	<0.14	<0.085	<0.085	<0.07	<0.088	<0.07	<0.088	<0.19	<0.19	--
	Carbon tetrachloride	10	5	<0.5	<0.1	<0.42	<0.034	<0.062	<0.062	<0.046	<0.039	<0.046	<0.039	<0.07	<0.07	--
	Chlorobenzene	NE	100	<0.5	<0.1	<0.18	<0.11	<0.071	<0.071	<0.051	<0.036	<0.051	<0.036	<0.024	<0.024	--
	Chloroethane	NE	NE	<0.5	<0.5	<0.25	<0.074	<0.07	<0.07	<0.11	<0.13	<0.11	<0.13	<0.16	<0.16	--
	Chloroform	100	NE	<0.5	<0.1	<0.23	<0.03	<0.053	<0.053	<0.086	<0.044	<0.086	<0.044	<0.04	<0.04	--
	Chloromethane	NE	NE	<0.5	<0.3	<0.15	<0.025	<0.035	<0.035	<0.048	<0.086	<0.048	<0.086	<0.061	<0.061	--
	cis-1,2-Dichloroethene	NE	70	--	<0.5	<0.15	<0.03	<0.047	<0.047	<0.06	<0.085	<0.06	<0.085	<0.056	<0.056	--
	cis-1,3-Dichloropropene	NE	NE	<0.5	<0.2	<0.17	<0.031	<0.04	<0.04	<0.072	<0.018	<0.072	<0.018	<0.034	<0.034	--
	Dibromochloromethane	NE	NE	<0.5	<0.1	<0.19	<0.065	<0.036	<0.036	<0.042	<0.051	<0.042	<0.051	<0.047	<0.047	--
	Dibromomethane	NE	NE	<0.5	<0.2	<0.22	<0.051	<0.15	<0.15	<0.062	<0.2	<0.062	<0.2	<0.15	<0.15	--
	Dichlorodifluoromethane	NE	NE	--	<0.7	<0.14	<0.054	<0.11	<0.11	<0.034	<0.065	<0.034	<0.065	<0.065	<0.065	--
	Ethylbenzene	750	700	<0.5	<0.1	<0.16	<0.042	<0.017	<0.017	<0.034	<0.042	<0.034	<0.042	<0.12	<0.12	--
	Hexachlorobutadiene	NE	NE	--	<0.3	<1.2	<0.051	<0.047	<0.047	<0.094	<0.35	<0.094	<1.2	<1.5	<1.5	--
	Isopropylbenzene	NE	NE	--	<0.1	<0.24	<0.017	<0.015	<0.015	<0.022	<0.083	<0.022	<0.083	<0.049	<0.049	--
	Methylene chloride	100	NE	<0.5	<0.2	<2	<0.048	<0.034	<0.034	<0.05	<0.081	<0.05	<0.081	<0.094	<0.094	--
	n-Butylbenzene	NE	NE	--	<0.1	<0.28	<0.03	<0.044	<0.044	<0.11	<0.14	<0.11	<0.14	<0.14	<0.14	--
	n-Propylbenzene	NE	NE	--	<0.2	<0.25	<0.04	<0.034	<0.034	<0.041	<0.11	<0.041	<0.11	<0.083	<0.083	--
	Naphthalene	NE	NE	--	<0.2	<1.2	<0.015	<0.028	<0.028	<0.056	<1.2	<0.056	<0.99	<2	<1.9	--
	sec-Butylbenzene	NE	NE	--	<0.1	<0.21	<0.03	<0.022	<0.022	<0.048	<0.06	<0.048	<0.06	<0.035	<0.035	--
	Styrene	NE	100	<0.5	<0.1	<0.22	<0.047	<0.024	<0.024	<0.034	<0.049	<0.034	<0.049	<0.097	<0.097	--
	tert-Butylbenzene	NE	NE	--	<0.1	<0.22	<0.028	<0.018	<0.018	<0.046	<0.06	<0.046	<0.06	<0.059	<0.059	--
	Tetrachloroethene	20	5	<0.5	<0.2	<0.14	<0.068	<0.054	<0.054	<0.05	<0.06	<0.05	<0.06	<0.066	<0.066	--
	Toluene	750	1000	<0.5	<0.1	0.9	<0.09	0.8	<0.05	0.4	<0.025	<0.036	<0.025	<0.04	<0.04	--
	trans-1,2-Dichloroethene	NE	100	--	<0.1	<0.13	<0.04	<0.062	<0.062	<0.047	<0.054	<0.047	<0.054	<0.067	<0.067	--
	trans-1,3-Dichloropropene	NE	NE	<0.5	<0.2	<0.16	<0.031	<0.025	<0.025	<0.054	<0.065	<0.054	<0.065	<0.04	<0.04	--
	Trichloroethene	100	5	<0.5	<0.1	<0.15	<0.043	<0.031	<0.031	<0.049	<0.056	<0.049	<0.056	<0.08	<0.08	--

Table B-10. Analytical Results for Regional Aquifer Groundwater Monitoring Wells KAFB-0507 and KAFB-0508 Located Downgradient of Sold Waste Management Unit WP-26, Sewage Lagoons

			Monitoring Well	KAFB-0507	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508
			Screened Interval (ft bgs)		481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506
Analysis (units) and Method	**Analyte**	**NMWQCC Standard[a]**	**Sample Date / EPA MCL[b]**	4/4/2001	8/6/2002	1/23/2003	7/10/2003	10/27/2003	1/20/2004	4/12/2004	7/8/2004	10/19/2004	1/11/2005	7/5/2005	1/25/2006	9/19/2007
Volatile Organic Compounds (ug/L) SW846-8260B[c]	Trichlorofluoromethane	NE	NE	<0.5	<0.4	<0.16	<0.053	<0.044	<0.044	<0.094	<0.03	<0.094	<0.03	<0.057	<0.057	--
	Vinyl chloride	1	200	<0.4	<0.4	<0.14	<0.067	<0.051	<0.051	<0.069	<0.1	<0.069	<0.1	<0.057	<0.057	--
	Xylene, m-, p-	620	10000	<1	<0.2	<0.38	<0.043	<0.034	<0.034	<0.078	<0.066	<0.078	<0.066	<0.17	<0.17	--
	Xylene, o-	620	10000	<1	<0.1	<0.17	<0.03	<0.015	<0.015	<0.04	<0.035	<0.04	<0.035	<0.11	<0.11	--
Semivolatile Organic Compounds (ug/L) SW846-8270C[c]	2,4,5-Trichlorophenol	NE	NE	--	<5	<5.1	<0.75	--	<0.56	--	<1.9	--	<2.2	<1.8	<1.5	--
	2,4,6-Trichlorophenol	NE	NE	--	<5	<5.6	<0.38	--	<0.72	--	<2	--	<2.4	<2.7	<2.2	--
	2,4-Dichlorophenol	NE	NE	--	<6	<4.1	<1.2	--	<1.2	--	<1.4	--	<1.9	<1.7	<1.5	--
	2,4-Dimethylphenol	NE	NE	--	<6	<2.4	<1.2	--	<0.89	--	<0.89	--	<0.83	<1.2	<1.3	--
	2,4-Dinitrophenol	NE	NE	--	<4.5	<4.7	<1.2	--	<5.3	--	<2.7	--	<4.2	<12	<3.6	--
	2,4-Dinitrotoluene	NE	NE	--	<4	<0.58	<0.62	--	<0.67	--	<1.2	--	<1.1	<2.1	<1.4	--
	2,6-Dinitrotoluene	NE	NE	--	<1	<0.92	<0.48	--	<0.62	--	<1.2	--	<0.83	<1.7	<1.4	--
	2-Chloronaphthalene	NE	NE	--	<2	<1	<0.91	--	<0.69	--	<1.1	--	<0.83	<1.4	<1.4	--
	2-Chlorophenol	NE	NE	--	<6	<3.9	<1.1	--	<1.1	--	<1.2	--	<1.3	<2.4	<2	--
	2-Methylnaphthalene	NE	NE	--	<2	<1.1	<1.2	--	<0.65	--	<1.2	--	<1.1	<2	<1.6	--
	2-Methylphenol	NE	NE	--	<5	<1.7	<1.4	--	<0.79	--	<1.2	--	<0.81	<0.84	<0.9	--
	2-Nitroaniline	NE	NE	--	<1	<0.87	<2	--	<3.2	--	<4.4	--	<4.8	<11	<7.4	--
	2-Nitrophenol	NE	NE	--	<10	<4.7	<0.82	--	<0.55	--	<1.2	--	<1.2	<1.7	<1.6	--
	3,3'-Dichlorobenzidine	NE	NE	--	<1	<0.79	<2.6	--	<3.5	--	<4.7	--	<6.8	<2.8	<3.7	--
	3,4-Methylphenol	NE	NE	--	--	<1.8	<1.2	--	<0.89	--	<1.1	--	<0.78	<0.61	<0.72	--
	3-Nitroaniline	NE	NE	--	<1	<0.96	<2.7	--	<4.5	--	<3.3	--	<5.8	<2.6	<1.8	--
	4,6-Dinitro-2-methylphenol	NE	NE	--	<6	<5.5	<3.9	--	<2.5	--	<6.6	--	<7	<11	<7.1	--
	4-Bromophenyl phenyl ether	NE	NE	--	<4	<0.66	<0.44	--	<0.38	--	<1.3	--	<1	<1.8	<1.6	--
	4-Chloro-3-methylphenol	NE	NE	--	<3	<1.4	<0.95	--	<0.81	--	<1.1	--	<1.1	<1.3	<1.2	--
	4-Chloroaniline	NE	NE	--	<3	<1.4	<5.5	--	<3.3	--	<7.1	--	<9.5	<0.65	<0.5	--
	4-Chlorophenyl phenyl ether	NE	NE	--	<3	<1	<0.46	--	<0.43	--	<1.1	--	<0.86	<1.8	<1.4	--
	4-Methylphenol	NE	NE	--	<4	--	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	NE	NE	--	<1.5	<0.88	<1.7	--	<3.8	--	<4.4	--	<4.4	<4.9	<5.4	--
	4-Nitrophenol	NE	NE	--	<8.5	<4.9	<3	--	<5.7	--	<5.5	--	<7.4	<6.4	<5.6	--
	Benzoic acid	NE	NE	--	<1.5	<2.9	--	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	NE	NE	--	<3	<1.5	--	--	--	--	--	--	--	--	--	--
	Bis (2-chloroethoxy) methane	NE	NE	--	<2.3	<1.1	<1.2	--	<0.77	--	<1.2	--	<0.95	<1.7	<1.4	--
	Bis (2-chloroethyl) ether	NE	NE	--	<3	<2.2	<1.5	--	<1.2	--	<1.2	--	<0.9	<1.5	<1.4	--
	Bis (2-ethylhexyl) phthalate	NE	NE	--	<6	<2.1	11	--	5	--	3	--	2	<1.4	3	--
	Bis (2-chloroisopropyl) ether	NE	NE	--	<3	<0.91	<1.1	--	<1.2	--	<1.2	--	<0.92	<2	<1.7	--
	Butyl benzylphthalate	NE	NE	--	<2	<0.64	<0.49	--	<1.2	--	<1.5	--	<1.1	<0.87	<1.5	--
	Carbazole	NE	NE	--	--	<0.65	--	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	NE	NE	--	<2	0.9	<0.72	--	<0.94	--	<1.5	--	<0.99	<2.1	<1.6	--
	Di-n-octylphthalate	NE	NE	--	<2	<0.71	<0.6	--	<0.41	--	<1.9	--	<1.5	<2.4	<1.2	--
	Dibenzofuran	NE	NE	--	<2	<0.82	<0.49	--	<0.75	--	<1.1	--	<0.91	<1.8	<1.5	--
	Diethyl phthalate	NE	NE	--	<3.3	<0.47	<0.5	--	<0.6	--	<1.2	--	<1.1	<1.9	<1.5	--
	Dimethyl phthalate	NE	NE	--	<1	<0.52	<0.5	--	<0.61	--	<1.1	--	<1.1	<1.4	<1.3	--
	Hexachlorobenzene	NE	1	--	<4	<0.45	<0.42	--	<0.79	--	<1.2	--	<1.1	<1.9	<1.5	--
	Hexachlorocyclopentadiene	NE	50	--	<1	<0.4	<6	--	<2.5	--	<3.9	--	<5.2	<12	<5.2	--
	Hexachloroethane	NE	NE	--	<1	<1.4	<0.9	--	<0.92	--	<1.1	--	<0.88	<1.4	<1.4	--
	Isophorone	NE	NE	--	<2	<1	<1.2	--	<0.48	--	<1.2	--	<1.1	<1.6	<1.3	--
	n-Nitrosodi-n-propylamine	NE	NE	--	<3	<1.3	<1.5	--	<1.1	--	<1.1	--	<0.96	<1.5	<1.2	--
	n-Nitrosodiphenylamine	NE	NE	--	<4	<0.56	<3.1	--	<4	--	<5.9	--	<5.6	<9.2	<5.9	--
	Nitrobenzene	NE	NE	--	<2	<1.8	<1.1	--	<0.69	--	<1.3	--	<0.65	<1.9	<1.2	--
	Pentachlorophenol	NE	1	--	<7	<4.7	<3.5	--	<2.8	--	<12	--	<16	<12	<4.6	--
	Phenol	5	5	--	<5	<3.1	<1.3	--	<0.83	--	<0.65	--	<0.5	<0.29	<0.24	--
Polynuclear Aromatic Hydrocarbons (ug/L) SW846-8310[c]	Acenaphthene	NE	NE	--	<1	<0.79	<0.57	--	<0.5	--	<1.2	--	<1	<1.5	<1.5	--
	Acenaphthylene	NE	NE	--	<1	<0.95	<0.58	--	<0.5	--	<1.2	--	<0.83	<1.6	<1.3	--
	Anthracene	NE	NE	--	<2	<0.64	<0.44	--	<0.75	--	<1.1	--	<0.99	<1.5	<1.4	--
	Benz(a)anthracene	NE	NE	--	<2	<1.2	<0.6	--	<0.82	--	<1.1	--	<0.94	<1.5	<1.6	--
	Benzo(a)pyrene	0.7	0.2	--	<1	<0.84	<0.47	--	<0.56	--	<1.1	--	<0.92	<1.2	<1.2	--
	Benzo(b)fluoranthene	NE	NE	--	<3	<0.85	<1.1	--	<0.88	--	<0.91	--	<1.3	<1.9	<1.3	--
	Benzo(g,h,i)perylene	NE	NE	--	<2	<1.3	<0.61	--	<1.2	--	<1.6	--	<0.98	<1.2	<1.1	--

Table B-10. Analytical Results for Regional Aquifer Groundwater Monitoring Wells KAFB-0507 and KAFB-0508 Located Downgradient of Sold Waste Management Unit WP-26, Sewage Lagoons

			Monitoring Well	KAFB-0507	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508	KAFB-0508
			Screened Interval (ft bgs)		481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506	481-506
Analysis (units) and Method	**Analyte**	**NMWQCC Standard[a]**	**Sample Date EPA MCL[b]**	4/4/2001	8/6/2002	1/23/2003	7/10/2003	10/27/2003	1/20/2004	4/12/2004	7/8/2004	10/19/2004	1/11/2005	7/5/2005	1/25/2006	9/19/2007
Polynuclear Aromatic Hydrocarbons (ug/L) SW846-8310[c]	Benzo(k)fluoranthene	NE	NE	--	<5	<0.8	<1.2	--	<1.1	--	<1.6	--	<1.3	<1.5	<1.3	--
	Chrysene	NE	NE	--	<2	<0.76	<0.48	--	<1.1	--	<1.3	--	<0.97	<1.4	<1.3	--
	Dibenz(a,h)anthracene	NE	NE	--	<1	<0.94	<0.48	--	<0.85	--	<1.2	--	<0.93	<1.2	<1.1	--
	Fluoranthene	NE	NE	--	<2	<0.51	<0.5	--	<0.75	--	<1.2	--	<1.1	<1.6	<1.4	--
	Fluorene	NE	NE	--	<4	<0.64	<0.51	--	<0.48	--	<1.2	--	<0.86	<2	<1.4	--
	Indeno(1,2,3-cd)pyrene	NE	NE	--	<2	<1	<0.43	--	<1.1	--	<1.2	--	<1.1	<1.1	<1.1	--
	Phenanthrene	NE	NE	--	<2	<0.54	<0.45	--	<0.44	--	<1.2	--	<1	<1.7	<1.2	--
	Pyrene	NE	NE	--	<2.3	<0.34	<0.64	--	<0.86	--	<1.3	--	<1	<0.68	<1.4	--
Metals (mg/L) SW846-6010B[c]	Aluminum	5	NE	--	<0.010626	0.114	0.0526	--	0.0486	--	0.0665	--	<0.02	0.0174	0.0455	--
	Antimony	NE	0.006	--	<0.001083	<0.0034	0.0032	--	<0.0021	--	<0.0034	--	<0.0039	<0.0028	<0.0028	--
	Arsenic	0.1	0.01	--	<0.000729	<0.0025	<0.002	--	<0.002	--	<0.0012	--	<0.0012	<0.0013	<0.0013	--
	Barium	1	2	--	0.156	0.192	0.175	--	0.188	--	0.166	--	0.168	0.15	0.148	--
	Beryllium	NE	0.004	--	<0.000053	<0.0003	0.00013	--	<0.0001	--	<0.00005	--	0.00015	<0.000077	<0.000077	--
	Cadmium	0.01	0.005	--	<0.000213	<0.0002	<0.00029	--	<0.00029	--	<0.00024	--	<0.00024	<0.00047	<0.00047	--
	Chromium	0.05	0.1	--	0.0019	0.0036	0.0049	--	0.0058	--	0.0033	--	0.0022	0.0027	0.0027	--
	Calcium	NE	NE	--	61.9	79.5	62.9	69.5	74.8	66.5	59.8	63.2	66.7	61	63.2	54.6
	Cobalt	0.05	NE	--	<0.000128	<0.0011	<0.00047	--	0.00078	--	<0.00039	--	<0.00097	<0.00057	0.00058	--
	Copper	1	1.3	--	<0.001296	0.0021	0.0037	--	0.0062	--	0.0029	--	<0.0034	0.0016	0.0011	--
	Iron	1	0.3	--	0.0418	0.259	0.0591	--	0.0991	--	0.161	--	0.0185	0.0251	0.0481	0.0754
	Lead	0.05	0.015	--	<0.000961	0.0013	0.0015	--	<0.0012	--	<0.0012	--	<0.001	0.0025	0.0014	--
	Magnesium	NE	NE	--	9.21	12	9.62	10.1	10.9	9.34	9.21	9.46	10.1	9	9.26	7.92
	Manganese	0.2	0.05	--	0.0031	0.006	0.0029	<0.05	0.0022	<0.05	0.0028	<0.05	<0.0017	0.0012	0.0014	0.0053
	Nickel	0.2	NE	--	<0.0008	<0.0011	0.0035	--	0.002	--	<0.002	--	<0.0023	<0.00086	<0.00086	--
	Potassium	NE	NE	--	1.93	2.67	2.27	2.34	2.72	2.26	2.04	2.31	2.38	2.19	2.28	2.27
	Selenium	0.05	0.05	--	<0.001089	0.0034	0.0054	--	<0.0013	--	0.003	--	0.0123	<0.0028	<0.0028	--
	Silver	0.05	0.1	--	<0.000144	0.00053	<0.0011	--	0.0013	--	<0.00094	--	<0.00066	0.0023	<0.00063	--
	Sodium	NE	NE	--	23.9	29.2	24.6	48.3	30.2	25.3	25.5	26.1	26.6	25.6	25.1	24.7
	Thallium	NE	0.002	--	<0.001536	0.0036	0.0017	--	0.0034	--	<0.00081	--	0.0019	<0.0024	<0.0024	--
	Vanadium	NE	NE	--	0.0039	0.0051	0.0058	--	0.0056	--	0.0053	--	0.0054	0.0046	0.0042	--
	Zinc	10	5	--	<0.002521	0.0184	0.0046	--	0.0186	--	0.0093	--	<0.0028	0.0037	0.0081	--
SW846-7470A[c]	Mercury	0.002	0.002	--	<0.00005	<0.0001	0.00022	--	0.00011	--	0.00012	--	0.00033	0.00024	0.00016	--
Anions (mg/L) SW846-9056[c], EPA 300[d]	Bromide	NE	NE	--	--	0.24	<0.96	<1.2	<1.2	<0.34	<0.37	<0.3	<0.37	0.33	0.18	<0.4
	Chloride	250	NE	--	--	14.2	14.5	14.2	15	13.7	12.7	11.8	12.5	11	13.1	12.6
	Fluoride	1.6	4	--	--	0.28	0.66	1.5	1.3	1.3	0.32	1.2	0.41	--	--	0.632
	Nitrate	10	10	--	**28.4**	**29.7**	**25.7**	**28.4**	**29.3**	**27.6**	**23**	**22.8**	**24.5**	**22.9**	**23.7**	**22.8**
	Nitrite	NE	1	--	<0.1	<0.1	<0.17	<0.21	<0.21	<0.25	<0.18	<0.14	<0.18	<0.035	<0.07	<0.4
	Sulfate	600	250	--	--	30.9	30.6	33.2	33.5	33.8	28.5	22.3	29.9	26.9	30.1	30.9
General Chemistry Parameters (mg/L) EPA 160.1, 351.2, 310.1[d]	Total Dissolved Solids	1000	500	--	418	394	401	--	386	--	--	--	--	351	346	290
	Total Kjeldahl Nitrogen	NE	NE	<0.3	0.75	0.375	0.45	--	0.18	--	0.16	--	0.099	0.12	0.094	0.135
	Alkalinity, Bicarbonate	NE	NE	--	--	114	121	122	122	119	112	136	127	--	--	119
	Alkalinity, Carbonate	NE	NE	--	--	--	0	0	0	0	0	0	0	--	--	0
	Alkalinity, Total	NE	NE	--	--	114	121	122	122	119	112	136	127	--	--	--

a New Mexico Water Quality Control Commission Human Health Standards for Groundwater (September 2004). Concentrations exceeding standards are shown in **BOLD**.

b U.S. Environmental Protection Agency, National Primary Drinking Water Standard (EPA 816-F-09-004, May 2009).

c EPA, 1996. *Test Methods for Evaluation Solid Waste, Physical/Chemical Methods (SW-846),* Third Edition with Updates.

d EPA, 1993. *EPA 100-400 Series-Methods for the Determination of Inorganic Substances in Environmental Samples.*

-- not analyzed

Shading indicates the analyte was detected.

EPA - U.S. Environmental Protection Agency

ft bgs - feet below ground surface

MCL - maximum contaminant level

mg/L - milligrams per liter

NE - not established

NMWQCC - New Mexico Water Quality Control Commission

ug/L - micrograms per liter

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Table B-11. Summary of Groundwater Elevations in the Solid Waste Managenent Unit WP-26, Sewage Lagoons Area

Regional Groundwater Aquifer			Perched Groundwater Zone		
Monitoring Well ID	Date	Groundwater Elevation (ft msl)	Monitoring Well ID	Date	Groundwater Elevation (ft msl)
KAFB-0501	Abandoned 1998		KAFB-2602A	7/1/2006	5164.72
KAFB-0502	Abandoned 1998			3/2/2009	5163.43
KAFB-0503	Abandoned 1998				
			KAFB-2622	9/22/2005	5156.62
KAFB0504	3/22/1990	4881.74		7/21/2006	5156.03
	5/16/1990	4880.65		1/10/2007	5155.93
	7/5/1990	4879.43		9/5/2007	5155.71
	8/24/1990	4878.19		3/4/2008	5155.38
	10/23/1990	4877.56		3/2/2009	5154.87
	11/28/1990	4877.98			
	6/14/1999	4864.54	KAFB-2623	12/10/2004	Dry
	3/1/2000	4864.53			
	6/19/2000	Dry	KAFB-2624	10/1/2005	5152.13
				7/1/2006	5148.97
KAFB-0505	12/1/2000	4859.33		9/11/2008	5147.10
	3/1/2001	4860.13			
	6/1/2001	4858.92	KAFB-2625	4/21/2009	5161.92
	9/1/2001	4857.64			
	8/6/2002	4857.33	KAFB-2626	4/21/2009	5156.72
	1/28/2003	4858.19			
	7/24/2003	4857.00	KAFB-2627	4/21/2009	DRY
	1/26/2004	4856.71			
	8/2/2004	4855.18	KAFB-0506	12/1/2000	5157.56
	1/6/2005	4856.01		3/1/2001	5157.12
	7/5/2005	4855.8		6/1/2001	5156.76
	2/7/2006	4854.94		9/1/2001	5156.42
	8/3/2006	4853.5		8/5/2002	5155.99
	1/10/2007	4854.61		1/30/2003	5155.88
	9/5/2007	4852.5		7/25/2003	5155.43
	3/4/2008	4854.4		1/27/2004	5154.96
	9/11/2008	4852.07		8/3/2004	5157.62
	3/2/2009	4853.23		1/7/2005	5154.28
				9/22/2005	5154.12
KAFB-0507	3/1/2001	4861.38		1/25/2006	5155.24
	9/1/2001	4858.78		8/3/2006	5154.3
	10/4/2001	4859.07		1/10/2007	5155.09
	8/6/2002	4858.54		9/4/2007	5155.35
	7/15/2003	4857.9		3/4/2008	5155.43
	10/31/2003	4856.97		9/1/2008	5155.57
	1/14/2004	4858.00		3/3/2009	5155.39
	4/12/2004	4858.3			
	7/8/2004	4856.04			
	1/6/2005	4856.21			
	7/5/2005	4856.27			
	1/25/2006	4856.32			
	7/21/2006	4854.8			
	1/10/2007	4856.03			
	9/5/2007	4853.8			
	3/4/2008	4855.78			

Table B-11. Summary of Groundwater Elevations in the Solid Waste Managenent Unit WP-26, Sewage Lagoons Area

Regional Groundwater Aquifer			Perched Groundwater Zone		
Monitoring Well ID	Date	Groundwater Elevation (ft msl)	Monitoring Well ID	Date	Groundwater Elevation (ft msl)
	3/2/2009	4854.33			
KAFB-0508	9/30/2001	4856.37			
	8/6/2002	4855.9			
	1/23/2003	4856.31			
	7/10/2003	4853.82			
	10/27/2003	4853.49			
	1/20/2004	4855.39			
	4/12/2004	4855.48			
	7/8/2004	4852.66			
	1/11/2005	4853.87			
	7/5/2005	4853.73			
	1/25/2006	4853.67			
	7/21/2006	4850.83			
	1/10/2007	4853.51			
	9/5/2007	4850.16			
	3/4/2008	4852.28			
	3/3/2009	4851.35			

ft msl = feet above mean sea level

ID - identifier

Table B-12. Groundwater Monitoring Well Information for Wells Located near Solid Waste Management Unit WP-26, Sewage Lagoons

Well Number	Kirtland Number[a]	Easting (feet)[b]	Northing (feet)[b]	Ground Surface Elevation (feet)	Measuring Point Elevation (feet)[c]	Measurement Method	Completion[d]	Status	Date Abandoned	Well Diameter (inches)	Total Depth (feet)	Top of Screen[e] (feet)	Bottom of Screen[e] (feet)	Screen Slot Size (inches)	Geophysical Logging Methods[f]	Geophysical Logging Condition	Drilling Method	Well Material Type	Geologic Log	Geophysical Log	Well Construction Diagram
KAFB-0501	ST-105	406793.25	1468358.60	5356.13	5358.04	survey	regional	abandoned	1998	4	515.0	473.0	493.0	0.02	BD, Cal, Con, GR, I, N, SP	NA	HSA/Mud Rotary	PVC/SS	Yes	Yes	Yes
KAFB-0502	ST-105	406717.74	1469676.84	5361 (approx)	5361.21	survey	regional	abandoned	1998	4	535.0	476.0	496.0	0.02	BD, Cal, Con, GR, I, N, SP	NA	HSA/Mud Rotary	PVC/SS	Yes	Yes	Yes
KAFB-0503	ST-105	406159.74	1469679.97	5357 (approx)	5357.72	survey	regional	abandoned	1998	4	516.0	471.0	491.0	0.02	BD, Cal, GR, N, SP	NA	HSA/Mud Rotary	PVC/SS	Yes	Yes	Yes
KAFB-0504	ST-105	406080.66	1468485.45	5354 (approx)	5355.20	survey	regional	active (dry)	NA	4	501.0	471.0	491.0	0.02	BD, Cal, GR, N, SP	NA	HSA/Mud Rotary	PVC/SS	Yes	Yes	Yes
KAFB-0505	ST-105	406436.61	1469786.69	NA	5360.14	survey	regional	active	NA	5	526.0	497.0	522.0	0.02	GR, I, N, R, V	PVC casing	ARCH	PVC	Yes	Yes	Yes
KAFB-0506	ST-105	406914.23	1468667.94	NA	5360.80	survey	perched	active	NA	5	270.7	202.7	222.7	0.01	GR, I, N, R	PVC casing	ARCH	PVC	Yes	Yes	Yes
KAFB-0507	ST-105	405526.58	1469846.48	5353.15	5356.15	survey	regional	active	NA	4	512.3	482.3	507.3	0.02	GGD, GR, R, N	NA	ARCH	PVC	Yes	No	Yes
KAFB-0508	ST-105	404552.21	1470510.24	5347.13	5349.21	survey	regional	active	NA	4	507.0	481.0	506.0	0.01	None	NA	ARCH	PVC	Yes	No	Yes
KAFB-2601	WP-26	406210.36	1469365.70	5355.38	5357.87	survey	perched	active (dry)	NA	4	206.0	180.0	205.0	0.01	None	NA	ARCH	PVC	Yes	No	Yes
KAFB-2602	WP-26	406222.25	1469366.95	5355.25	5357.42	survey	perched	active	NA	1	250.0	195.0	197.0	0.01	GR, N	NA	ARCH	PVC	Yes	Yes	Yes
KAFB-2622	WP-26	406006.59	1469291.34	5353.79	5355.47	survey	perched	active	NA	4	217.0	195.0	215.0	0.01	None	NA	ARCH	PVC	Yes	No	Yes
KAFB-2623	WP-26	407300.51	1469397.90	5362.60	5364.81	survey	perched	active (dry)	NA	4	221.8	199.8	219.8	0.01	None	NA	ARCH	PVC	Yes	No	Yes
KAFB-2624	WP-26	406924.18	1468917.72	5356.88	5359.60	survey	perched	active	NA	4	217.0	195.0	215.0	0.01	None	NA	ARCH	PVC	Yes	No	Yes
KAFB-2625	WP-26	1546157.96[g]	1468574.06[g]	5354[g] (approx)	5356.59[g]	survey	perched	active	NA	4	210.0	185.0	205.0	0.01	None	NA	ARCH	PVC	Yes	No	Yes
KAFB-2626	WP-26	1545655.89[g]	1469219.78[g]	5355.5[g] (approx)	5357.51[g]	survey	perched	active	NA	4	208.0	185.0	205.0	0.01	None	NA	ARCH	PVC	Yes	No	Yes
KAFB-2627	WP-26	1547246.35[g]	1469876.30[g]	5365.5[g] (approx)	5367.47[g]	survey	perched	active (dry)	NA	4	217.5	195.0	215.0	0.01	None	NA	ARCH	PVC	Yes	No	Yes

a - The Kirtland number identifies the solid waste management unit that the monitoring well is associated with, as applicable.
b - New Mexico State Plane Coordinate System, Central Zone, North American Datum 1927 (NAD27)
c - Measuring point elevations are the top of the well casing located on the north side of the well. Sea level datum 1929 (SLD29)
d - Completion indicates the groundwater body that the well screen intersects, either the perched groundwater body or the regional aquifer.
e - The top and bottom of the screen are measured as feet below the ground surface.
f - The geophysical logging methods are identified as follows:
BD - Bulk Density, Cal - Caliper, Con - Conductivity, GGD - Gamma-Gamma Density, GR - Gamma Ray, I - Induction, N -Neutron, R - Resistivity, SP - Self-Potential; V - Video
g - New Mexico State Plane Coordinate System, Central Zone, North American Datum 1983 and 1988 elevation datum (NAD83/NAVD88)
ARCH - air rotary casing hammer
HSA - hollow stem auger
NA - not available/not applicable
PVC - polyvinyl chloride
SS - stainless steel

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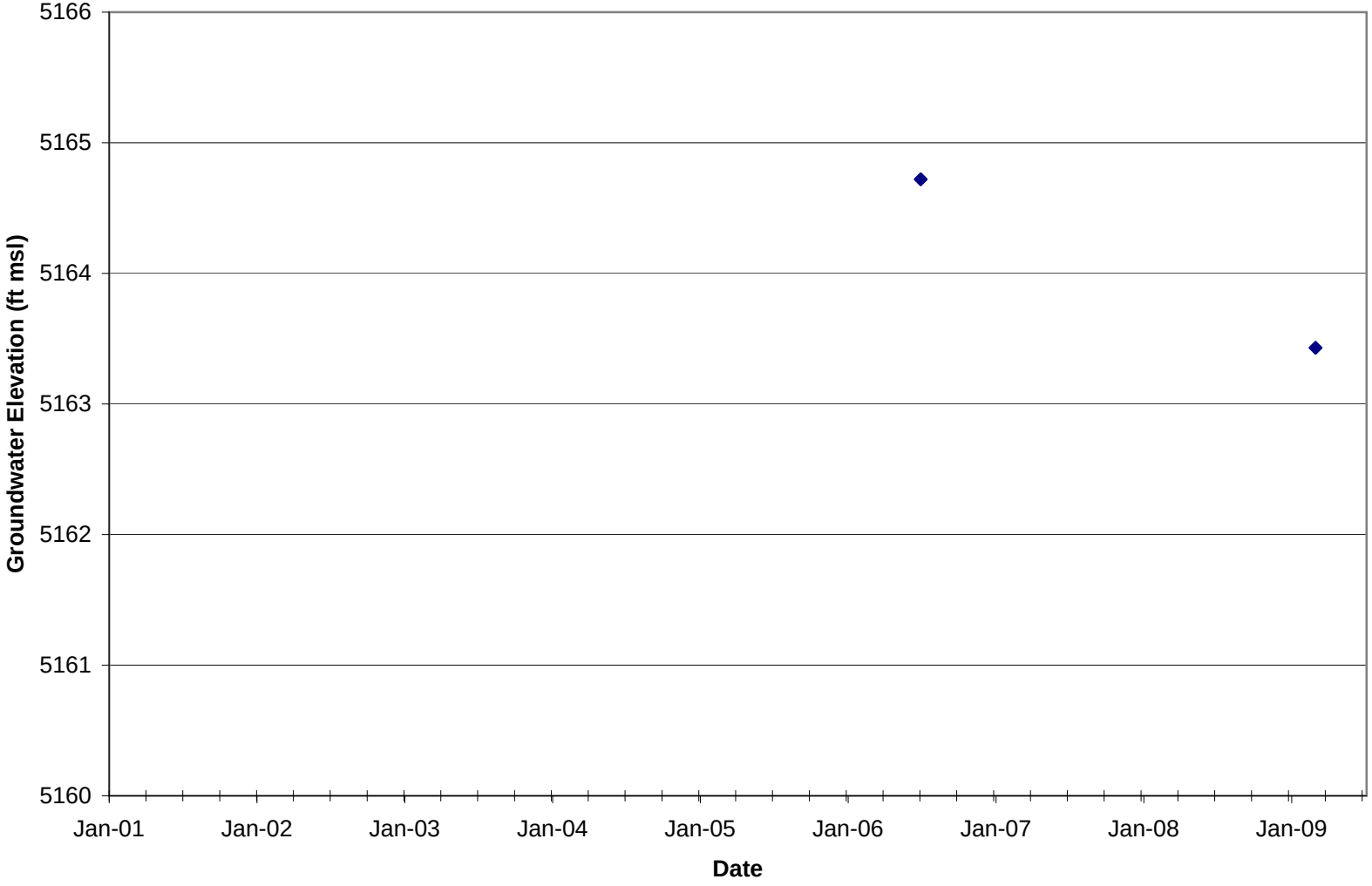

Figure B-1
Hydrograph for Perched Well KAFB-2602A

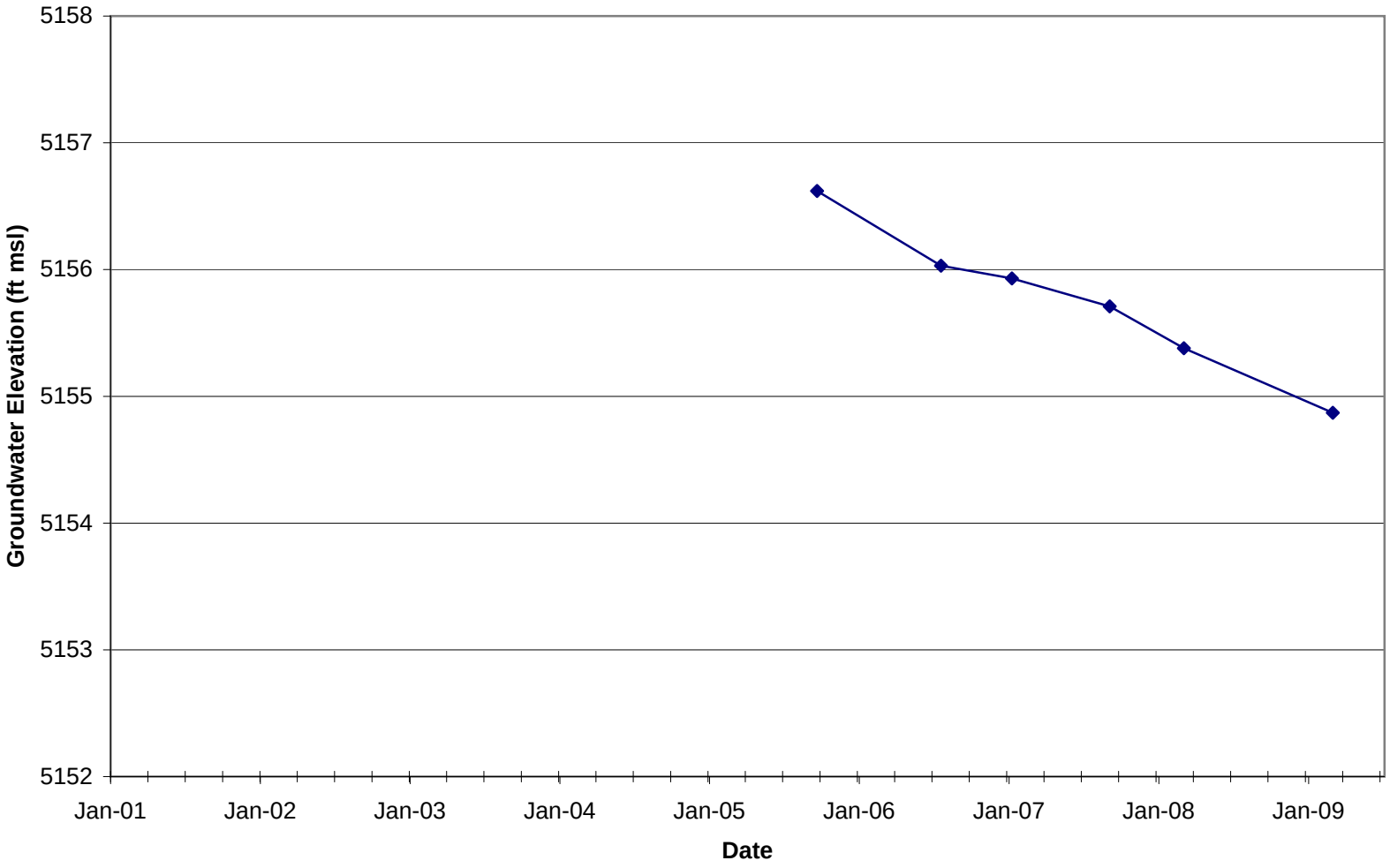

Figure B-2
Hydrograph for Perched Well KAFB-2622

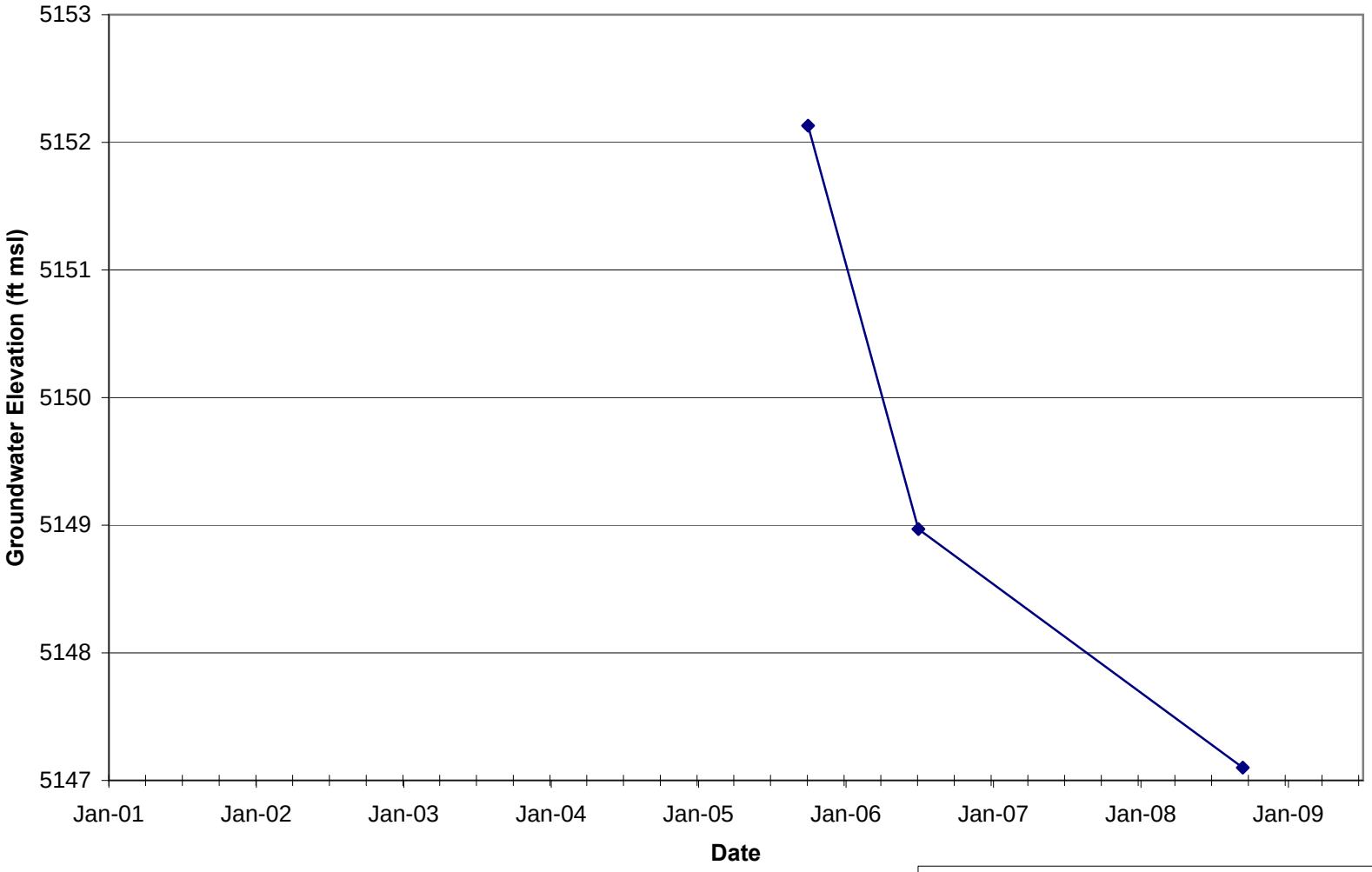

Figure B-3
Hydrograph for Perched Well KAFB-2624

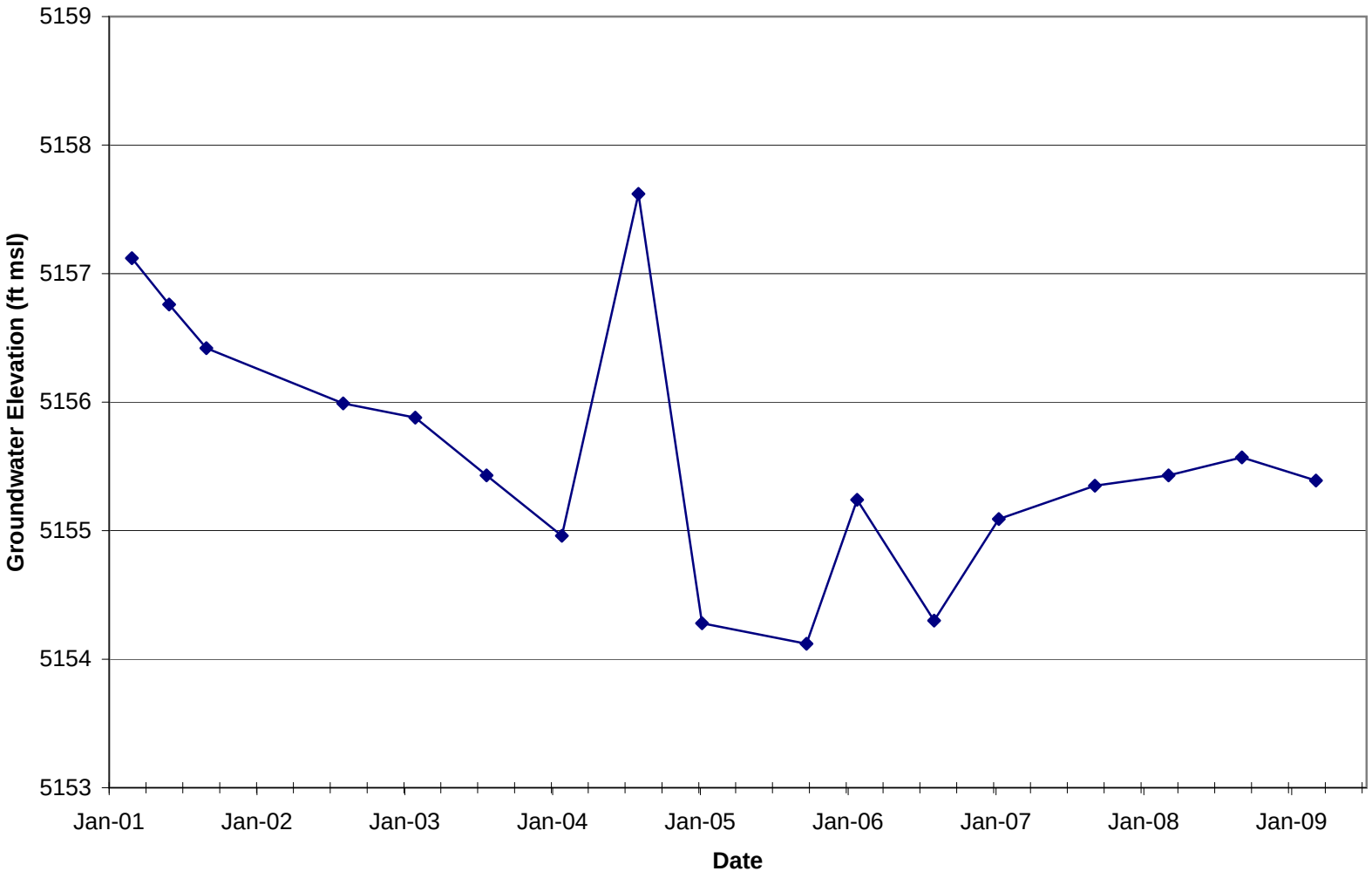

Figure B-4
Hydrograph for Perched Well KAFB-0506

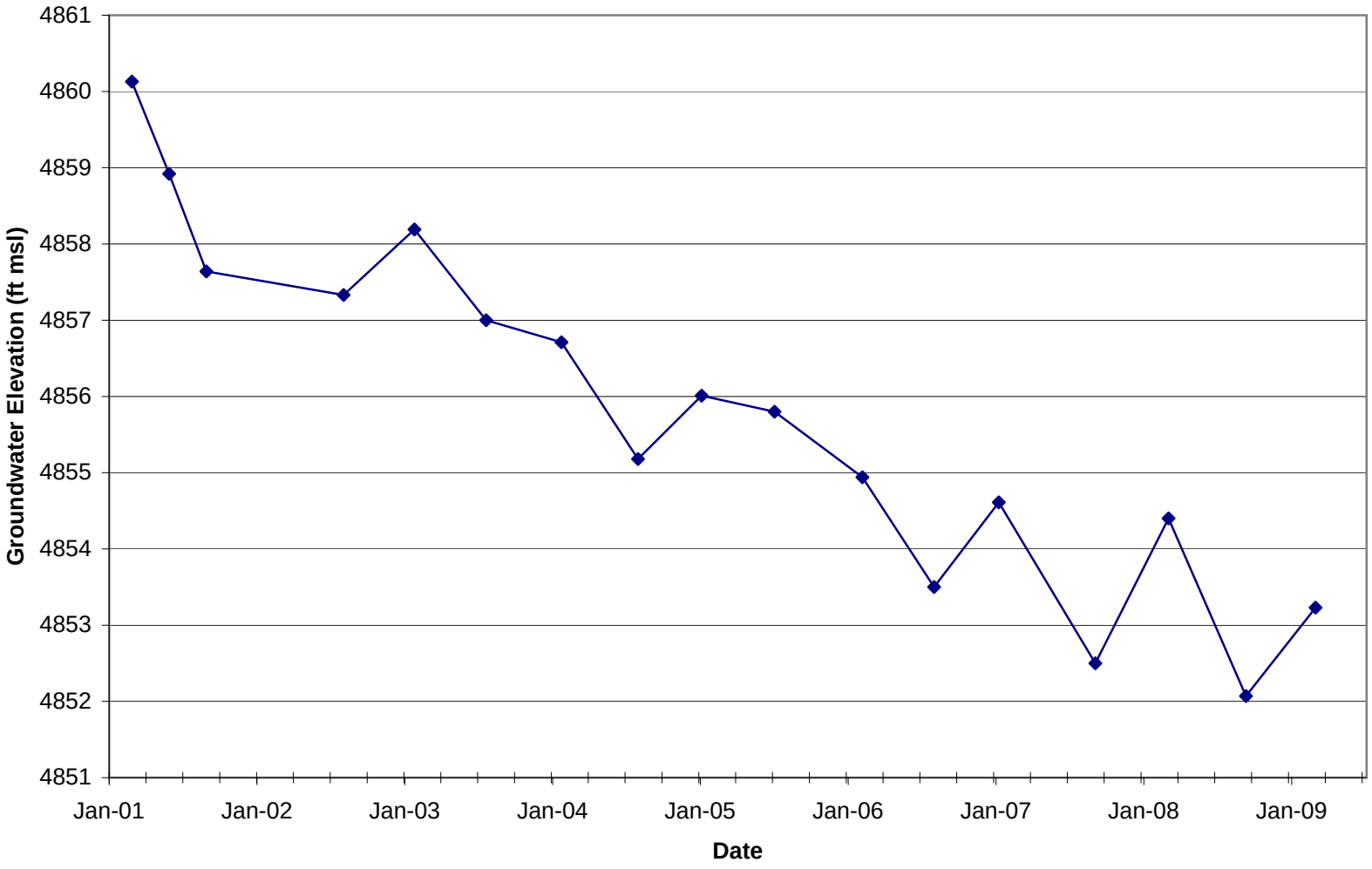

Figure B-5
Hydrograph for Regional Well KAFB-0505

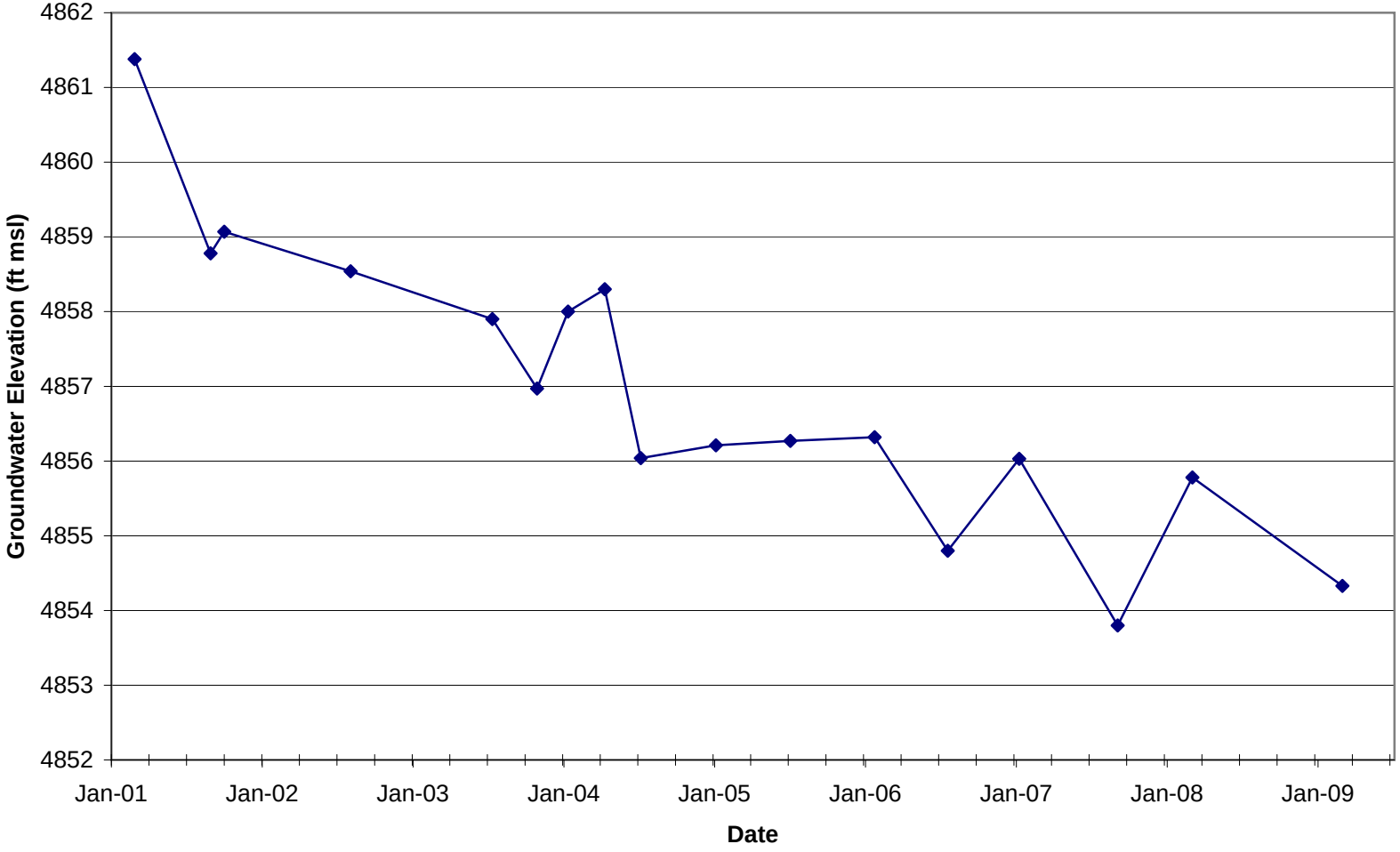

Figure B-6
Hydrograph for Regional Well KAFB-0507

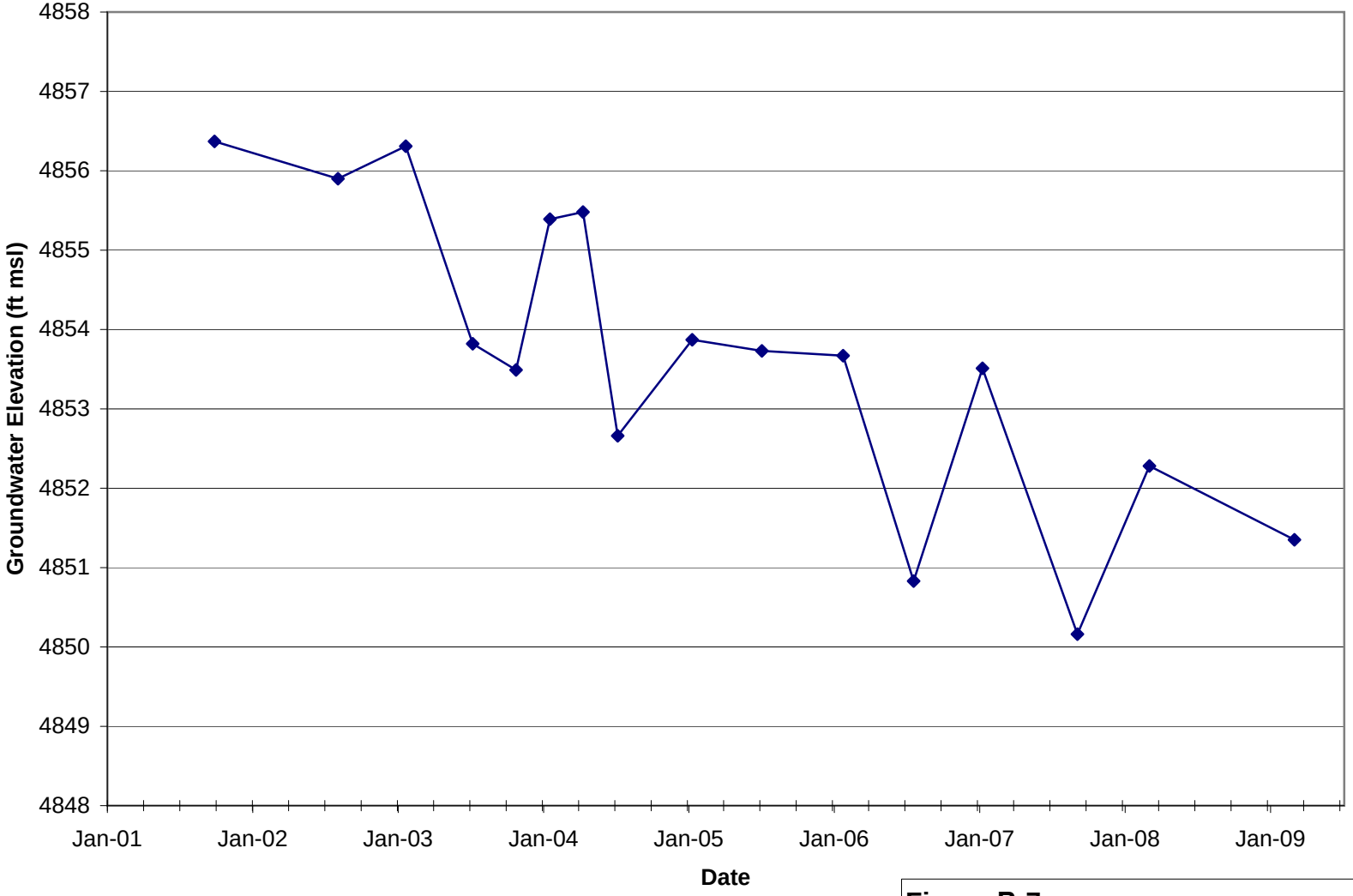

Figure B-7
Hydrograph for Regional Well KAFB-0508

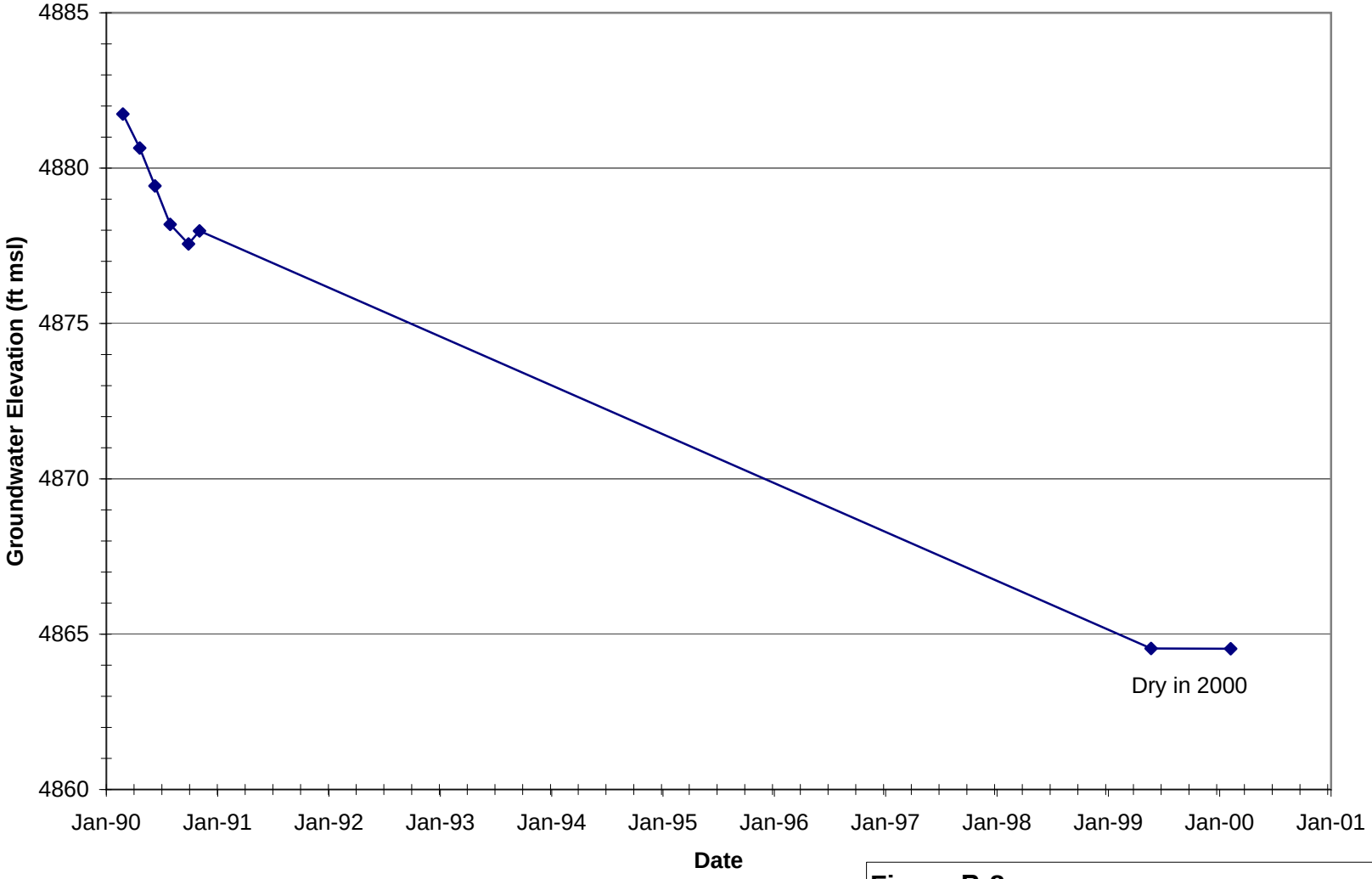

Figure B-8
Hydrograph for Dry Regional Well KAFB-0504

KIRTLAND AIR FORCE BASE NEW MEXICO

STAGE 2 ABATEMENT PLAN
EXTRACTION WELL KAFB-ST105-EX01
AQUIFER TEST REPORT
FOR NITRATE CONTAMINATED GROUNDWATER AT KIRTLAND AIR FORCE BASE, NEW MEXICO

April 2009

377 MSG/CEVR
2050 Wyoming Blvd. SE
Kirtland AFB, New Mexico 87117-5270

MWH

21 April 2009

Kirtland Air Force Base
377 MSG/CEVR
2050 Wyoming Blvd SE, Building 20685
Suite 122
Kirtland AFB, NM 87117

Attention: Mr. Mark Holmes, Kirtland AFB Project Manager

Subject: SWMU ST105-EX01 Interim Stage 2 Abatement Plan Plume 1 Aquifer Test Report at Kirtland Air Force Base, New Mexico

Contract No.: FA8903-04-D-8674, Delivery Order No. 006

Dear Mr. Holmes:

This letter report presents the results of the aquifer testing performed at extraction well KAFB-ST105-EX01 to support corrective action decisions related to nitrate contaminated groundwater at Kirtland Air Force Base (AFB), New Mexico. The aquifer testing was conducted under the Air Force Center for Engineering and the Environment (AFCEE) Contract FA8903-04-D-8674, Delivery Order No. 006. All field activities performed during aquifer testing were in compliance with the *Kirtland Air Force Base, Base-Wide Plans for the Environmental Restoration Program* (Kirtland AFB, 2004 update).

If you have any questions or concerns regarding this letter report, please contact me at (801) 617-3221.

Sincerely,

MWH

Deborah Drain
Client Service Manager

cc: Kristie Doll, AFCEE
Douglas Oliver, MWHA SLC-1
File

10619 South Jordan Gateway
Suite 100
Salt Lake City, Utah
84095

Tel: 801 617 3200
Fax: 801 617 4200

BUILDING A BETTER WORLD

DOCUMENT CERTIFICATION
APRIL 2009

I certify that this document is cleared for public release in accordance with Department of Defense Directives and Air Force Instructions.

Kirtland Air Force Base Public Affairs
377ABW-2009-0826

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Attachment C KAFB Groundwater Discharge Authorization

1.0 INTRODUCTION

This letter report presents the results of the aquifer testing performed in January 2009 as part of the Plume 1 Corrective Measures Implementation (CMI) for the Interim Stage 2 Abatement Plan for Solid Waste Management Unit (SWMU) ST-105 at Kirtland Air Force Base (KAFB), New Mexico. This aquifer test was performed by MWH Americas, Inc (MWH) on behalf of KAFB under the Air Force Center for Engineering and the Environment (AFCEE) Contract FA8903-08-D-8777, Task Order (TO) 006.

1.1 Background

Extraction well KAFB-ST105-EX01 was installed in April 2007 for the Environmental Compliance Program (ECP) pilot study performed under contract number F41624-03-D-8608, Delivery Order 06, Modification 3. The objective of installing this well was to capture Plume 1 nitrate contaminated groundwater as part of the ST-105 Interim Stage 2 Nitrate Abatement Plan for ST-105. As shown in Figure 1-1, the extraction well is located at the leading edge of Plume 1 where elevated nitrate concentrations are consistently above the New Mexico Water Quality Control Commission (NMWQCC) standard of 10 milligrams per liter (mg/L) (20 New Mexico Administrative Code [NMAC] § 7.1). Additionally, this well is upgradient of production wells KAFB-7 and KAFB-16. The extraction well was screened within the upper 100 feet of the regional aquifer where the highest nitrate concentrations have been detected. Below this depth, nitrate concentrations decrease to below groundwater quality standards.

During extraction well installation, two drilling techniques were used due to well depth: air rotary casing hammer (ARCH) and mud rotary. ARCH was used to drill a pilot boring to total depth to collect groundwater samples to determine the vertical nitrate concentration for well screen placement. After completion of ARCH drilling, mud rotary was used to increase the diameter of the pilot boring for subsequent well construction. The drilling and extraction well construction information are listed below in Tables 1-1 and 1-2, respectively. During both ARCH and mud rotary drilling, it was noted that the boring was not producing as much water as typically observed in the regional aquifer in this area of KAFB.

The extraction well was initially developed over a period of seven days in April 2007 using swabbing, bailing, and surging techniques. Because low well yield continued to be observed using physical well development techniques, the well was dosed twice with a chemical dispersant, NuWell 220 in an attempt to improve well yield. An aquifer test was performed in April 2007 following well development that yielded an unexpectedly low sustainable pumping rate of 18.5 gallons per minute (gpm) resulting in a calculated hydraulic conductivity of less than 1 foot per day (USAF, 2007).

Redevelopment of KAFB-ST105-EX01 was performed in August 2008 and included pumping, bailing, jetting, and application of sodium acid pyrophosphate (SAPP). SAPP is an inorganic dispersant designed to disperse clay particles and sediments so that they can be removed during well development. After the SAPP treatment was conducted, jetting and pumping were used to redevelop the screened interval. Redevelopment increased production capacity for KAFB-ST105-EX01, supporting the need to conduct an aquifer test to re-evaluate the pumping capacity of KAFB-ST105-EX01 and recalibrate the groundwater model for KAFB.

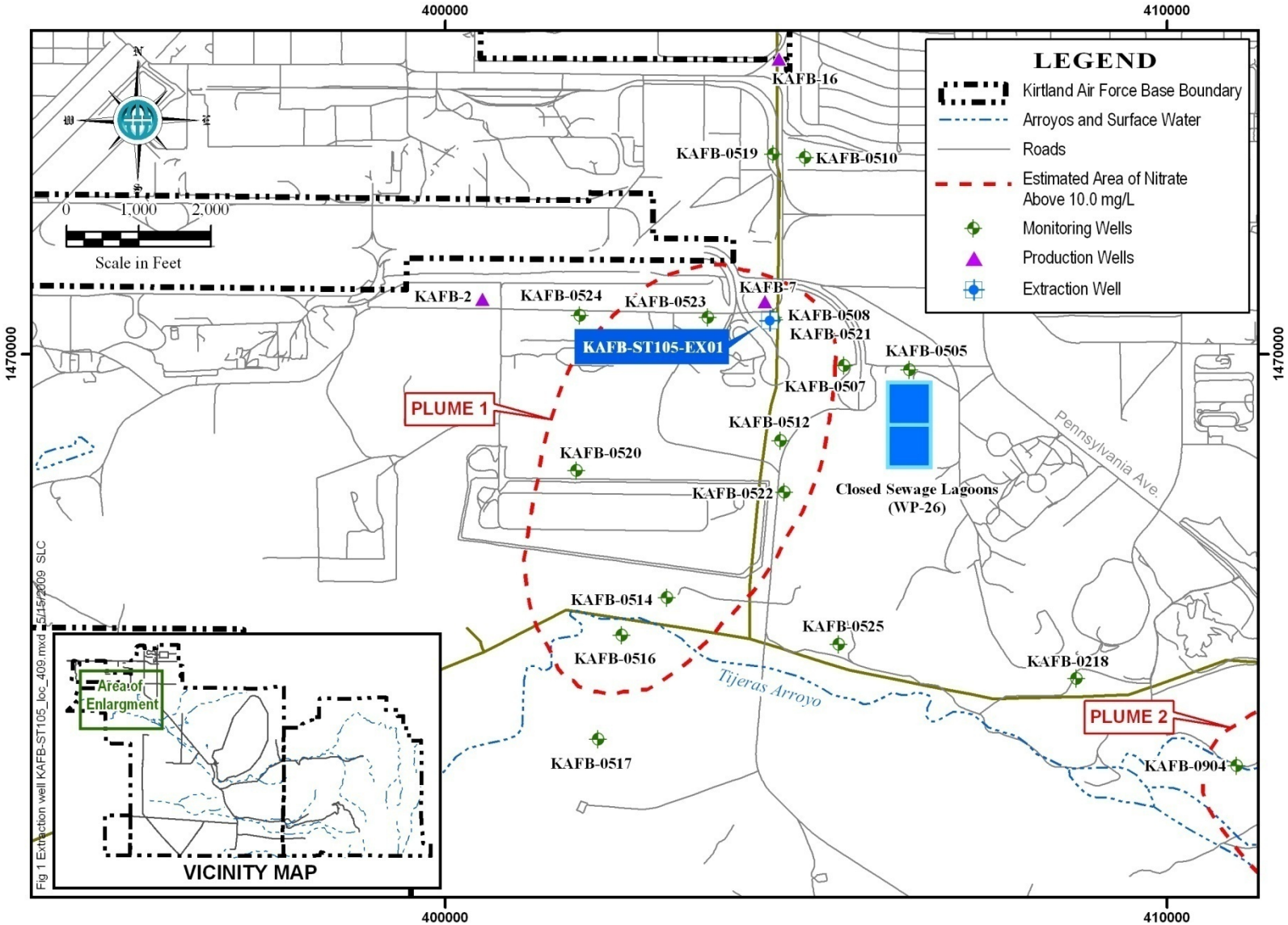


Figure 1-1. Plume 1 Extraction Well KAFB-ST105-EX01 and Monitoring Well Locations, Kirtland Air Force Base, New Mexico

Table 1-1 Extraction Well Drilling Summary

Drilling Method	Depth (ft bgs)	Drill Casing Diameter (inches)	Effective Boring Diameter (inches)
ARCH	0 - 300	11-3/4	12
ARCH	300 - 580	9-5/8	10
Mud Rotary	0 - 595	14	14
NA not applicable bgs below ground surface ft feet			

Table 1-2 Extraction Well Construction Details

Construction Details	Depth (ft bgs)	Length (ft)	Material
Total boring depth	595	NA	NA
Depth to groundwater	495	NA	NA
Sump	585-575	10	Steel with welded 0.5 ft end cap
Screen	575-505	70	10-inch, 0.020-slot stainless steel
Well riser	505-ground surface +3 ft	508	10-inch welded steel
Filter Pack	595- 484.5	110.5	10/20 Silica sand
Barrier Sand	484.5-478.5	6	Frac-sand
Well Seal	478.5-431	47.5	3/8-inch bentonite chips
Well Seal	431-6	425	Portland cement with bentonite 3% by weight
Protective casing	0-20	20	18-inch diameter steel casing
Centralizers	40-ft centers	NA	Stainless steel
Surface completion	ground surface	NA	Temporary 4 x 4 x 1 ft cement pad Locking cover welded to well casing (painted yellow) 4-protective bollards (painted yellow)
NA Not applicable ft feet bgs below ground surface			

The pilot study results are documented in the *Interim Stage 2 Abatement Plan Extraction Well Pilot Study Report for Nitrate Contaminated Groundwater at Kirtland Air Force Base, New Mexico* (USAF, 2007). The pilot study recommendations were:

- To delay connecting extraction well KAFB-ST105-EX01 to the Golf Course Main Pond (GCMP) irrigation line due to the unexpectedly low sustainable pumping rate. At this time, the low sustainable pumping rate and subsequent limited impact of nitrate removal on Plume 1 did not warrant the capital cost of installation of the extraction well operating system, estimated at approximately $600,000 in 2006 dollars. This cost did not include future operations and maintenance of the system.
- To collect additional hydraulic conductivity data to further assess whether groundwater extraction is a viable treatment alternative for Plume 1.
- To perform groundwater modeling for Plume 1 to collect additional information regarding nitrate migration to further assess the need for groundwater extraction.

Based on these recommendations, additional aquifer testing of extraction well KAFB-ST105-EX01 was performed in January 2009 to assess whether this well would support nitrate removal as part of the ST-105 Stage 2 Nitrate Abatement Plan.

1.2 Objectives

The aquifer test at KAFB-ST105-EX01 was performed to evaluate how redevelopment activities increased well yield and specific capacity, and to evaluate if groundwater extraction is a feasible interim-stabilization measure for dissolved-phase contaminants in groundwater. The aquifer test objectives were:

- Evaluate if pumping at KAFB-ST105-EX01 could create a capture zone (i.e., a hydraulic depression) that would reduce downgradient contaminant migration (i.e., provide containment of nitrate contaminated groundwater).
- Assess the connectivity (or lack thereof) of groundwater flow paths intersected by KAFB-ST105-EX01 and the observation wells.
- Estimate hydraulic properties and characteristics (e.g., hydraulic conductivity, transmissivity, storativity) of the nitrate contaminated zone of the regional aquifer.
- Evaluate if pumping KAFB-ST105-EX01 could remove significant contaminant (nitrate) mass.
- Evaluate if pumping would mitigate nitrate migration to KAFB-16 (a downgradient production well).

1.3 Approach

The aquifer testing was performed in accordance with the guidance presented in the following plans:

- *Final Base-Wide Plans for Investigations Under the Installation Restoration Program, 2004 Update, Kirtland Air Force Base, Albuquerque, New Mexico* (base-wide plans [BWP]) (USAF, 2004); and
- *SWMU ST-105 Stage 2 Abatement Plan Extraction Well KAFB-ST105-EX01 Aquifer Test Work Plan for Nitrate Contaminated Groundwater at Kirtland Air Force Base, New Mexico* (USAF, 2008).

The applicable procedures outlined in the BWP were followed for field activities unless specifically modified by the task-specific work plan. The KAFB Base-Wide Health and Safety Plan (Appendix F of the BWP) was also followed for all field activities unless specifically modified by the task-specific health and safety plan, included as an attachment to each of the task-specific work plan listed above.

1.4 Report Organization

The report is organized as follows:

- Section 2.0 describes the aquifer testing and analysis procedures.
- Section 3.0 presents the results of the aquifer testing.
- Section 4.0 presents the conclusions of the aquifer testing and recommendations for future work based on the results of the aquifer testing.

2.0 AQUIFER TESTING AND ANALYSIS PROCEDURES

2.1 Aquifer Testing Procedures

The KAFB-ST105-EX01 aquifer test included the following:

1. A background monitoring test,

2. A variable pumping rate (step) drawdown test,

3. A constant discharge rate test, and

4. A recovery test.

The aquifer tests included extraction well KAFB-ST105-EX01 and three monitoring wells, KAFB-0508, KAFB-0507, and KAFB-0523, that were used as the observation wells. The well locations are shown on Figure 1-1. The well completion details are provided in Table 2-1. Originally, production well KAFB-7 was to be used as an observation location; however, the transducer cables could not be lowered into the well due to the pump assembly.

The aquifer testing took place between 12 and 21 January 2009 in accordance with the procedures detailed in the *SWMU ST-105 Stage 2 Abatement Plan Extraction Well KAFB-ST105-EX01 Aquifer Test Work Plan for Nitrate Contaminated Groundwater at Kirtland Air Force Base, New Mexico (USAF, 2008)*; hereafter referred to as the Work Plan.

Table 2-1 Observation Wells and Pumping Well Construction Details

WELL ID	Measuring Point Elevation (ft)	Groundwater Depth (ft)	Groundwater Elevation (ft)	Top of Screen (ft)	Bottom of Screen (ft)	Well Diameter (in)	Northing	Easting	Total Depth (ft)
KAFB-ST105-EX01	5348.45	497.76	4850.69	505	575	10	1470463	404500	585
KAFB-0507	5356.15	502.05	4854.10	482.3	507.3	4	1469846	405526	512.3
KAFB-0508	5349.21	498.70	4850.51	481	506	4	1470510	404552	508
KAFB-0523	5347.84	493.42	4854.42	600	625	4	1470478	403574	627.5
ft feet in inches									

Aquifer Test Equipment and Data Collection. The following equipment were used for the aquifer test:

- A 25 horsepower (hp) Grundfos submersible pump was used for the step and constant rate tests. The pump was set at 574 feet (ft) below the measuring point (bmp) in extraction well KAFB-ST105-EX01.
- An In-situ® BAROTROLL was used to monitor barometric pressure during all testing. It was set 30 ft. below the measuring point in extraction well KAFB-ST105-EX01.

- In-situ® Level TROLLS® model 700 water-level transducers were used to record water-level responses during all tests. Transducers were set at 514 ft. bmp in monitoring well KAFB-0508, 515 ft bmp in monitoring well KAFB-0507, 513 ft bmp in monitoring well KAFB-0523, and 563 ft bmp in extraction well KAFB-ST105-EX01.
- Electric water-level sounders were used to collect manual depth to groundwater measurements during the testing in the event of transducer failure.

Water level measurements were collected electronically and manually as specified in the Work Plan and listed below in Table 2-2. Water levels were measured prior to the background, step, and constant rate testing using the manual water-level indicator and recorded on the aquifer test field forms. The manual water level readings were collected as scheduled in the Work Plan to determine pump and transducer probe placement.

The water-level response to aquifer testing was checked manually to confirm that the transducers were working correctly, to confirm that the initial response was not out of range relative to the theoretical water-level response, and that the aquifer response was reasonable. During the testing, transducer recorded water levels were evaluated routinely using the Win-situ® 5 software designed to work with the In-situ® Level TROLL®.

Table 2-2 Aquifer Test Water Level Monitoring Frequencies

Time Period (Hr)	Pre-Test	Step Test	Constant Rate Test	Recovery Test
0 to 0.5	10 min[a] once[b,c]	10 sec[a] 1 min[b]	10 sec[a] 1 min[b] 10 min[c]	10 sec[a] 1 min[b] 10 min[c]
0.5 to 1	10 min[a]	1 min[a] 5 min[b]	1 min[a] 5 min[b] 10 min[c]	1 min[a] 5 min[b] 10 min[c]
1 to 2	10 min[a]	5 min[a] 10 min[b]	5 min[a] 10 min[b,c]	5 min[a] 10 min[b,c]
2 to 8	10 min[a]	Repeat for each step	10 min[a] 30 min[b,c]	10 min[a] 30 min[b,c]
8 to 12	10 min[a]	NA	10 min[a] 1 hr[b,c]	10 min[a] 1 hr[b,c]
12 to 72	10 min[a,] once each day[b,c]	NA	10 min[a] 4 hr[b,c]	10 min[a] 12 hr[b,c]

[a]Pressure transducer/datalogger
[b]Manual measurements in test well
[b,c] Manual measurements in monitoring wells
hr hour
min minute
NA not applicable
sec second
Note that water level monitoring only is required in the extraction well during the step test.

2.1.1 Background Test

The purpose of the background test was to establish water-level baselines and to evaluate other potential causes of water-level changes not caused by pumping in KAFB-ST105-EX01 (e.g., long-term trends, barometric pressure changes, diurnal influences). Baseline water levels were monitored with Level

TROLL 700 transducers for approximately 72-hours prior to the pumping tests in KAFB-ST105-EX01, KAFB-0507, KAFB-0508, and KAFB-0523 (except KAFB-ST105-EX01 in which two days of transducer background water levels were collected). Water levels were measured every ten minutes with Level TROLLs during the background test in KAFB-ST105-EX01 and observation wells KAFB-0507, KAFB-0508, and KAFB-0523. Background monitoring began on 12 January 2009 and continued until 15 January 2009. Water levels also were measured manually with an electric water-level sounder on a daily basis during the background test.

Barometric pressure was also measured every ten minutes with a barometric-pressure transducer (BAROTROLL) during the background test, as well as during the step, constant rate discharge, and recovery tests. The barometric-pressure transducer was installed in monitoring well KAFB-ST105-EX01 approximately 30 feet below ground surface to minimize diurnal temperature variations, which could result in changes in measured barometric pressure due to heating and cooling of the pressure transducer rather than actual changes in atmospheric pressure. Manual water levels were collected during the entire testing program.

2.1.2 Step Test

A variable pumping rate drawdown test (hereafter referred to as a step test) was performed at KAFB-ST105-EX01 to determine if the well would yield sufficient water to perform a 72-hour constant rate discharge test and to establish the optimal pumping rate for the constant rate discharge test. The step test was performed on 15 January 2009 by pumping KAFB-ST105-EX01 at successively higher rates. Steps were performed at pumping rates of 25, 40, 53, and 55 gpm. Each step ran for approximately two hours each. Based on existing site data it was anticipated that the maximum pumping rate would not exceed 45 gpm; however, based on the results of the step test it was determined that the sustainable pumping rate would exceed 45 gpm. KAFB was notified of the higher pumping rate and approval was granted to run the pump at a rate higher than specified in the Work Plan. Manual and electronic measurement frequencies complied with the Work Plan.

2.1.3 Constant Rate Test

KAFB-ST105-EX01 was pumped at a constant rate of 53 gpm (determined by the step test) for 73 hours during the constant rate test from 13:00 MST on 16 January 2009 and ending at 14:00 MST on 19 January 2009. Following the step test and prior to the start of the constant rate test, the water level in KAFB-ST105-EX01 was allowed to recover to 99.9 percent of its pre-pumping level (prior to step testing). During the constant rate test, water levels were monitored in KAFB-ST105-EX01, KAFB-0507, KAFB-0508, and KAFB-0523 to evaluate the effects of long-term pumping, and to calculate aquifer parameters. Manual and electronic measurement frequencies complied with the Work Plan.

2.1.4 Recovery Test

Immediately following the constant rate test (starting at 14:00 on 19 January 2009), water levels were monitored for a period of approximately 67.5 hours for the pumping well to 73.5 hours for the observation wells. The purpose of this monitoring was to evaluate how water levels recovered after pumping from KAFB-ST105-EX01 was stopped. Manual and electronic measurement frequencies complied with the Work Plan.

2.2 Data Analysis

2.2.1 Water-Level Data Corrections

Prior to analysis of aquifer tests, water-level data collected during the constant rate and recovery tests were corrected for the observed long-term water-level trends and changes associated with barometric pressure fluctuations. To calculate the barometric effects, water level and barometric pressure data from the background test were fit with a linear regression. For example, the water level in KAFB-0508 changed by 0.0517 feet per millimeter of mercury (ft/mm Hg) change in barometric pressure. Using this relationship, the effects of barometric pressure changes were removed from the data for KAFB-0508 for the constant rate and recovery tests by multiplying the change (-0.0517 feet/mm Hg) by the barometric pressure (normalized to the barometric pressure at the start of the test) and then subtracting this value from each corresponding water level data point. To calculate long-term trends, the background test data were corrected for barometric pressure then fit with a linear regression (water level vs. time). The slope from the linear regression for KAFB-0508 was 0.039 feet/day indicating an increasing water level trend during the background test. Using this relationship, the long-term trend was removed from the KAFB-0508 water-level data for the constant rate and recovery tests were corrected by subtracting 0.039 feet/day from the water levels. For this analysis, this rate of water level increase was assumed to occur throughout the constant rate and recovery tests. Following removal of barometric pressure effects and long-term trends, the resulting water levels had a small-scale periodic variation of less than 0.05 feet with a period of approximately 12 hours. This variation occurred throughout the background, constant rate and recovery test and is likely a result of earth tides.

Several studies have shown how water levels in aquifers vary due to earth tides, which are caused by the gravitational pull of the moon (Marechal et al., 2002; Hsieh et al., 1988; Bredehoeft, 1967). Measurable water-level fluctuations in wells are caused by the dilation of the earth due mainly to the position of the moon and the sun (Marechal et al., 2002). Due to the relative small magnitude of variation caused by earth tides (less than 0.05 feet), these were not removed from the data. If the earth tides had obscured the drawdown results, they would have also been removed.

2.2.2 Aquifer Test Analysis

To estimate transmissivity, hydraulic conductivity, and storativity of the hydrostratigraphic unit intersected by KAFB-ST105-EX01, the water-level displacements (drawdown) versus time data during the constant rate discharge and recovery tests were analyzed using the standard well hydraulic analysis methods with the aquifer test analysis program AQTESOLV® (Duffield, 2003). Water level data from the constant rate and recovery tests that had been corrected for barometric pressure effects and long-term trends were used in the analysis. The aquifer was assumed to be unconfined and assumed to have a saturated thickness of 67 ft. This was calculated using the pre-pumping static depth to water value of 498 ft. extending to the top of the confining layer of silt at a depth of 565 ft. Observations wells KAFB-0507 and KAFB-0523 did not appear to show a response to pumping (i.e., no drawdown observed), thus aquifer characteristics could not be calculated with water level data from these two wells.

2.3 Investigation Derived Waste

Investigation Derived Waste was handled in accordance with the Waste Management Plan (Appendix E of the BWP; USAF, 2004). The types of IDW generated during the pilot study include personal protective equipment (PPE), miscellaneous disposable equipment, and water pumped from KAFB-ST105-EX01. All field activities were conducted in Level D PPE; therefore, the only PPE that were discarded was disposable work gloves. The PPE and miscellaneous disposable equipment (e.g., paper towels, gloves, etc.) were discarded as non-hazardous municipal waste in the KAFB landfill. The KAFB permit for waste disposal is included in Attachment B.

All water from the aquifer testing program was discharged to a surface water drainage feature near the wellhead under the existing KAFB National Pollution Discharge Elimination System (NPDES) permit. The KAFB NPDES permit requires that nitrate+nitrite concentrations in the discharge water be less than the *New Mexico Water Quality Standards for Interstate and Intrastate Surface Waters; Irrigation, Livestock Watering, and Wildlife Habitat Uses, 20.6.4.900J NMAC* standard of 132 mg/L. The highest nitrate concentration measured in groundwater from KAFB-ST105-EX01 was 33 mg/L (March 2007), which is below this standard. Approximately 250,000 gallons of water were discharged during the aquifer testing. An energy dissipation device approved by KAFB prior to groundwater discharge was used to prevent erosion of the ground surface during discharge of the water.

3.0 AQUIFER TEST RESULTS

3.1 Background Test

Water levels increased steadily during the background test in all wells. These increases in water levels ranged from 0.018 to 0.038 feet/day during the background test for the four wells monitored. The cause of this water-level increase is unknown, but likely a result of regional recharge. In addition to long-term trends in water levels, water levels also showed response to barometric pressure changes and earth tides. In all cases, water-level changes associated with barometric pressure changes had a maximum variation of approximately 0.13 feet during the test period. Following removal of barometric pressure effects and long-term trends, the resulting water levels had a small-scale periodic variation of less than 0.05 feet with a period of approximately 12 hours, likely were the result of earth tides.

3.2 Step Test

The results of the step test are listed in Table 3-1. Specific capacity values were calculated with the pumping rate and drawdown data collected at the end of each step. Water level data from the step test are provided in Figure 3-1. The water level recovery observed between the 53 gpm and 55 gpm step was a result of discontinuation of pumping for 20 minutes while the one-inch diameter discharge pipe was replaced with two-inch diameter discharge pipe in to achieve a higher pumping rate.
A pumping rate of 15 gpm was attempted for the first step, but a steady pumping rate could not be maintained. As a result, this step was discontinued and the water level in KAFB-ST105-EX01 was allowed to recovery prior to starting the 25 gpm step. Although the aquifer would support a pumping rate greater than 55 gpm, the pump used for the test (25 hp) was operating at maximum capacity due to well depth and lift, thus the rate could not be increased above 55 gpm. The one-inch diameter discharge pipe was replaced with two-inch diameter discharge pipe towards the end of the step test to try and achieve a higher pumping rate, but was minimally successful. Because this pumping rate was not significantly greater than that of the previous step, the step was not run for the full two hours. To allow for minor adjustments (increases) in pumping rate during the constant rate test, the pumping rate was set at 53 gpm.

Table 3-1 KAFB ST-105 EX001 Step Test Results (15 January 2009)

Step	Pumping Rate (gpm)	Drawdown (ft)	Specific Capacity (gpm/ft)	Duration (hours)
1	25	2.2	11.4	2
2	40	4.5	8.9	2
3	53	6.8	7.8	2
4	55	6.8	8.1	0.5

ft feet
gpm gallons per minute

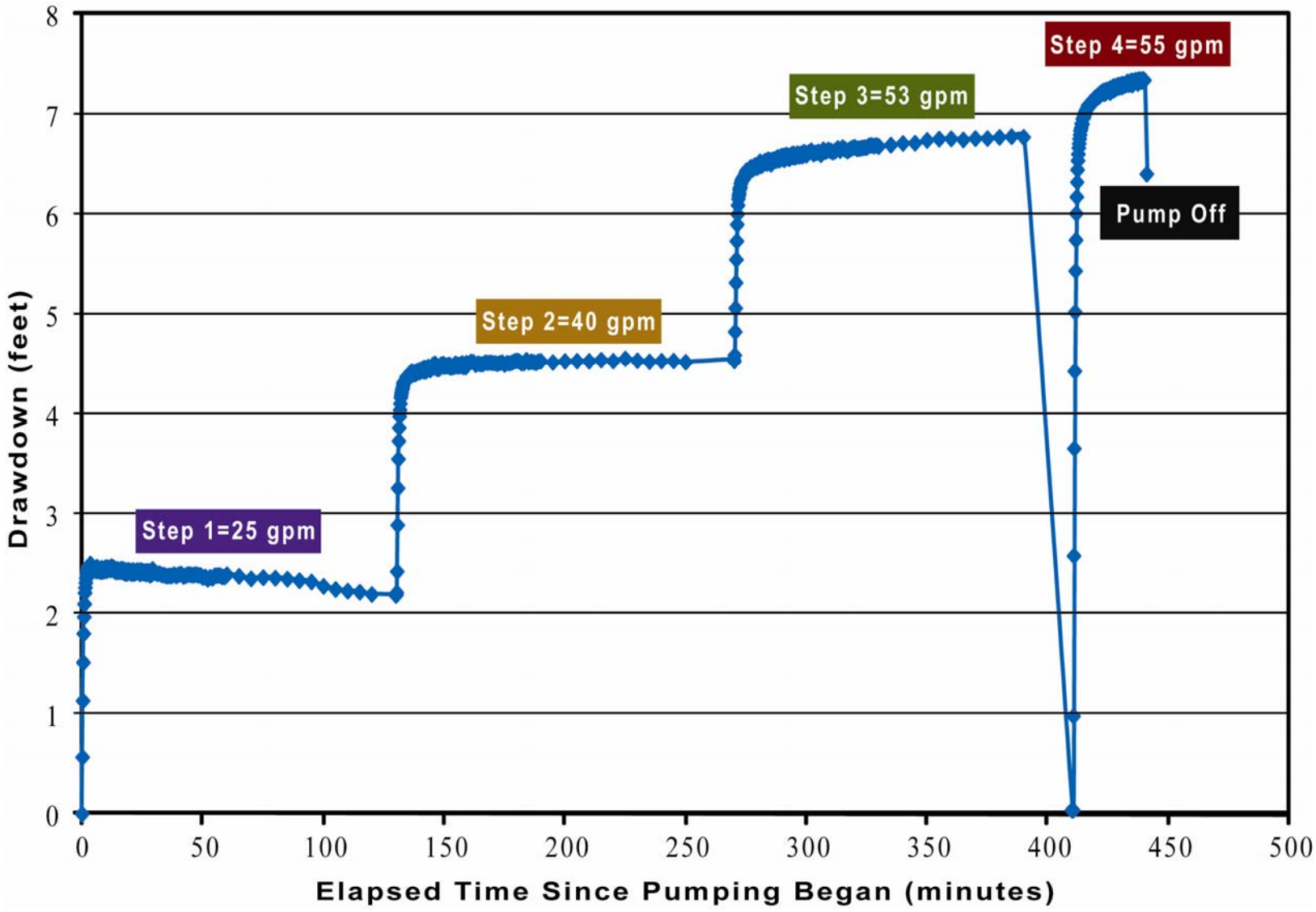


Figure 3-1. KAFB ST-105 EX001 Step Drawdown Test (15 January 2009)

3.3 Constant Rate Test

During the constant rate test, KAFB-ST105-EX01 was pumped at approximately 53 gpm for 72 hours. The water level in KAFB-ST105-EX01 declined by 6.9 feet during the test (see Figure 3-2), resulting in a specific capacity of 7.7 gpm/ft of drawdown, which corresponds closely with the specific capacities calculated for the last two steps of the step test. Pumping of well KAFB-ST105-EX01 impacted water levels by up to 0.3 ft. in KAFB-0508 (see Figure 3-3), which is located approximately 70 feet from KAFB-ST105-EX01, indicating that this well is hydraulically connected to KAFB-ST105-EX01. The elevation of the screened interval of monitoring well KAFB-0508 corresponds with the top portion of the screen in KAFB-ST105-EX01. Minor diurnal variations evident in the data are attributable to earth tides, but are insignificant relative to the drawdown caused by pumping at KAFB-ST105-EX01. The water levels in the other observation wells (KAFB-0507 and KAFB-0523) showed no changes related to pumping at KAFB-ST105-EX01, either prior to or following correction of water levels for long-term trends and barometric pressure changes (see Figure 3-4 and 3-5). KAFB-0507 and KAFB-0523 are 1,197 and 927 ft. from KAFB-ST105-EX01, respectively.

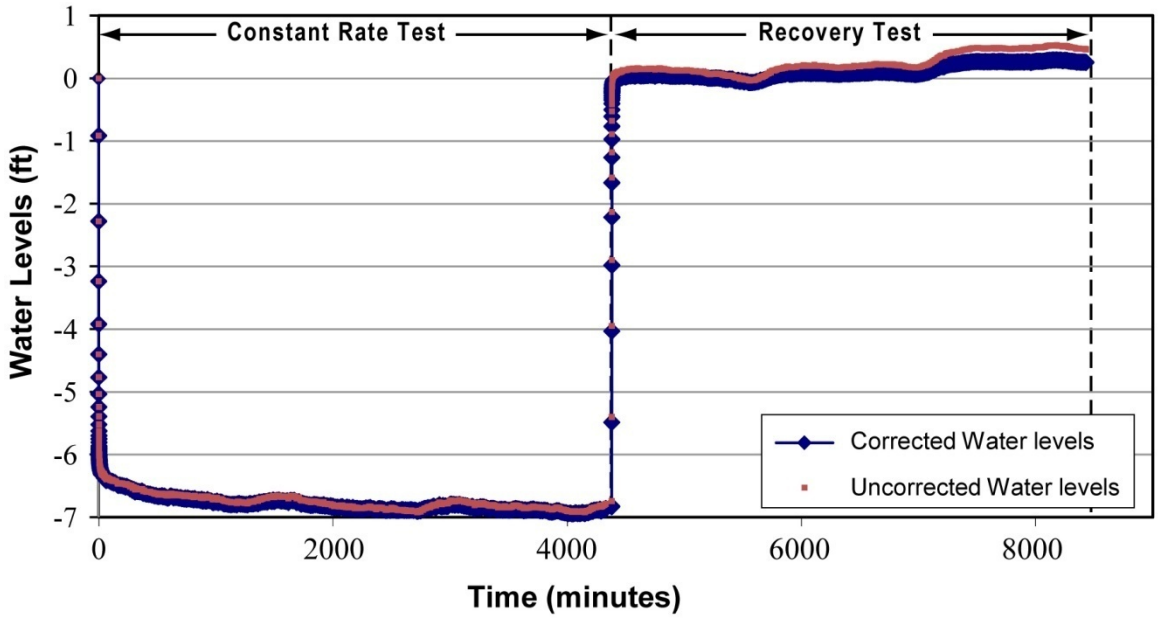


Figure 3-2. Water Levels in KAFB-ST105-EX01 During the Constant Rate and Recovery Tests

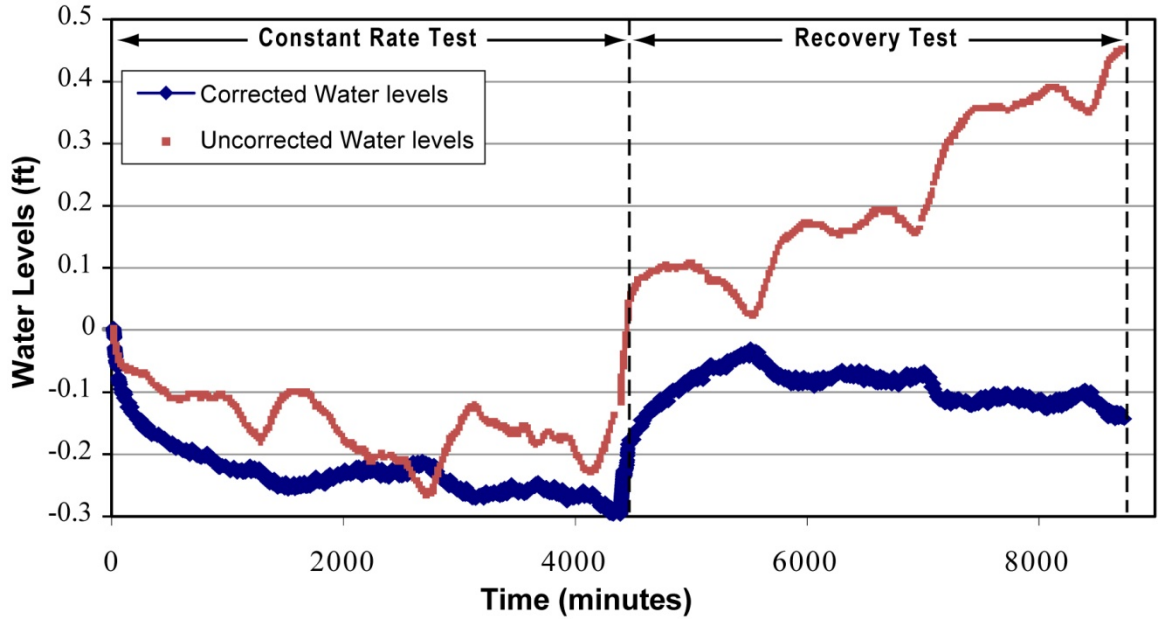


Figure 3-3. Water Levels in KAFB-0508 During the Constant Rate and Recovery Tests

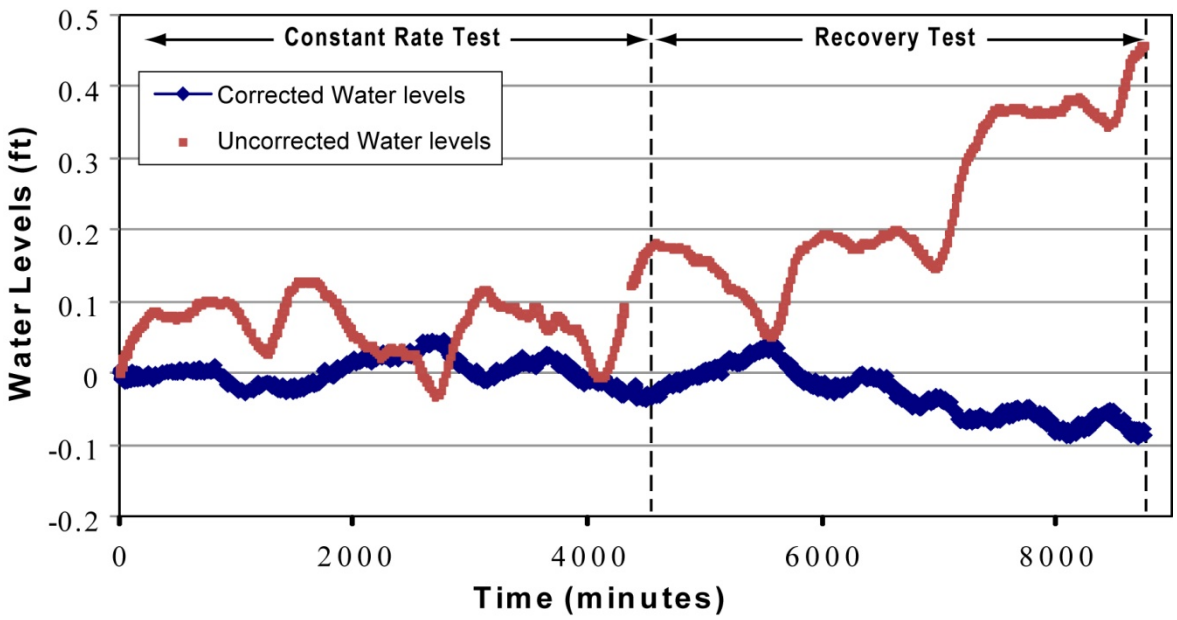


Figure 3-4. Water Levels in KAFB-0507 During the Constant Rate and Recovery Tests

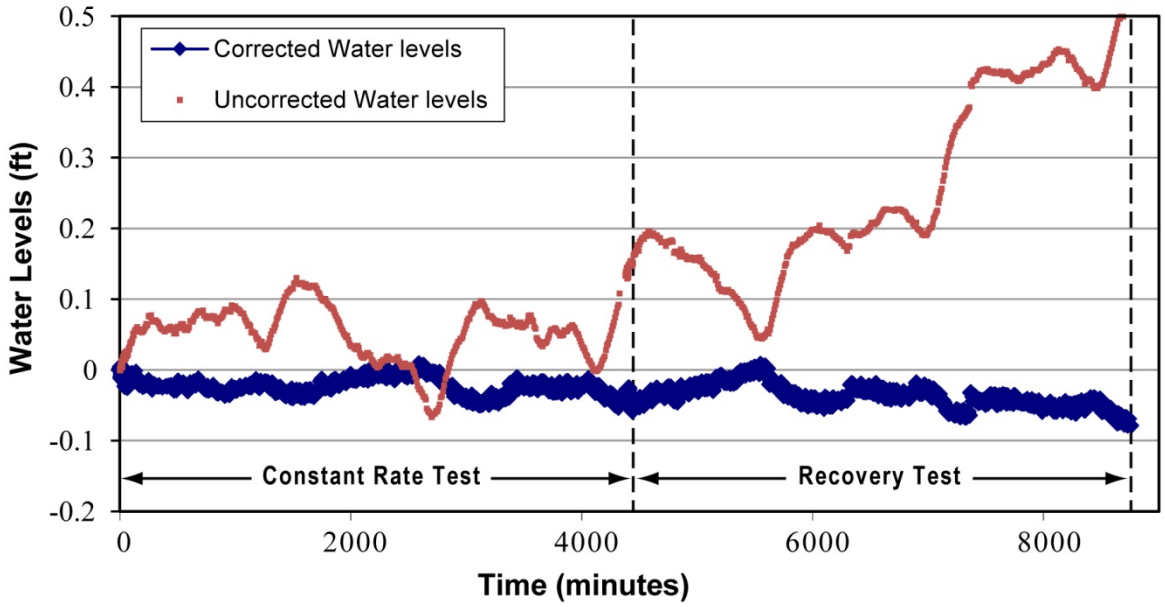


Figure 3-5. Water Levels in KAFB-0523 During the Constant Rate and Recovery Tests

3.4 Recovery Test

The water-level in the KAFB-ST105-EX01 recovered by 6.7 feet within eight minutes (approximately 97 percent of drawdown). Recovery data in KAFB-ST105-EX01 continued to be collected until 09:30 on 22 January 2009 (67.5 hours). Water levels in KAFB-0508 began to recover approximately three minutes after pumping of KAFB-ST105-EX01 was stopped and had recovered by almost 75 percent after one hour. Recovery data in KAFB-0508 continued to be collected until 15:30 on 22 January 2009 (73.5 hours). Water levels were monitored in KAFB-0507 and KAFB-0523 during the recovery test, but no response attributable to the aquifer test was visible.

3.5 Aquifer Characteristics

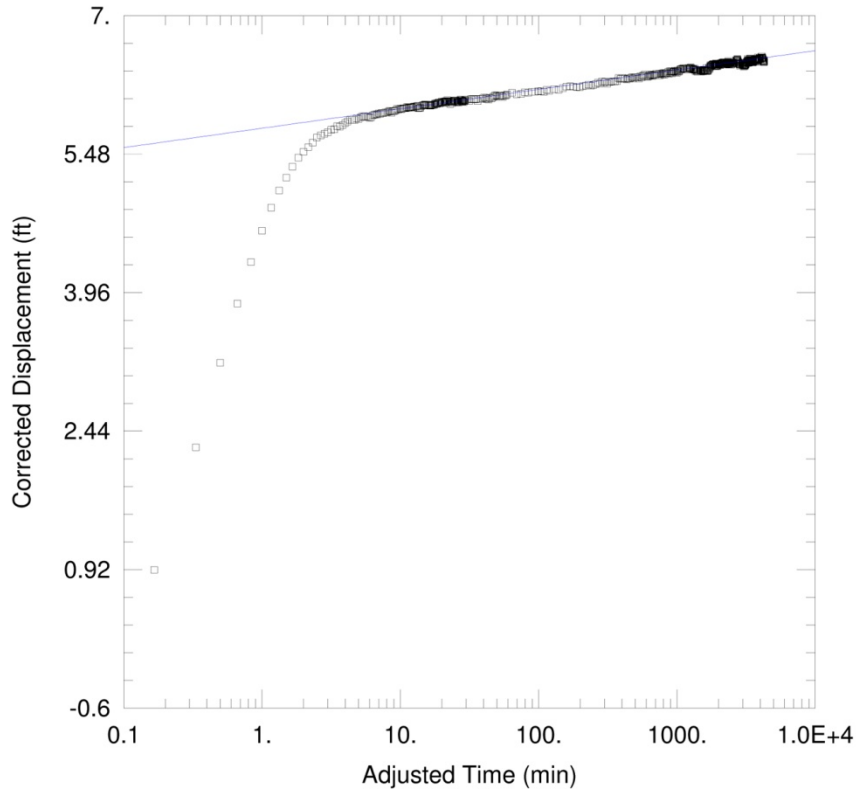
The corrected water-level data for KAFB-ST105-EX01 and KAFB-0508 were analyzed to estimate aquifer hydraulic property values. The results of these analyses are listed in Table 3-2.

Using water level data from extraction well KAFB-ST105-EX 01, a transmissivity of 8,800 ft^2/day and hydraulic conductivity of 131 ft/day were calculated using the Cooper Jacob straight line method (see Figure 3-6). The Theis method was attempted, but a good fit of the data could not be achieved. Storativity cannot be calculated in the pumping well due to energy losses as the water rushes into the well (Fetter, 1988).

For observation well KAFB-0508 the transmissivity of approximately 16,500 ft^2/day was calculated using the Theis method using both drawdown and recovery data (see Figure 3-7). Assuming an aquifer thickness of 67 ft, the hydraulic conductivity calculated is 246 ft/day. The storativity calculated using the Theis method using both drawdown and recovery data, is 0.05 (dimensionless). The higher values of transmissivity and hydraulic conductivity calculated with water level data from KAFB-0508 relative to those calculated with data from KAFB-ST105-EX01 are likely due to well losses and well inefficiencies in the pumping well. Therefore, the aquifer parameter values calculated with data from KAFB-0508 are more representative of the aquifer.

Table 3-2 Aquifer Test Results

Well ID	Hydraulic Conductivity (ft/day)	Transmissivity (ft^2/day)	Storativity (dimensionless)	Saturated Thickness (ft)	Distance from pumping well (ft)	Method Used
KAFB-ST105-EX01	131	8,800	NA	67	0	Cooper Jacob
KAFB-507	NA	NA	NA	67	1197	NA
KAFB-508	246	16,500	0.05	67	70	Theis
KAFB-523	NA	NA	NA	67	927	NA



KAFB-EX001 AQUIFER TEST ON PUMPING WELL

Data Set: \...\EX001 drawdown-recoveryCooperJacobaqt.aqt
Date: 02/06/09 Time: 12:53:34

PROJECT INFORMATION

Company: MWH Global
Client: KAFB
Project: 1971105.06010302
Location: Albuequerque, New Mexico
Test Well: KAFB-EX001
Test Date: January 16-22

AQUIFER DATA

Saturated Thickness: 67. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
KAFB-EX001	0	0

Observation Wells

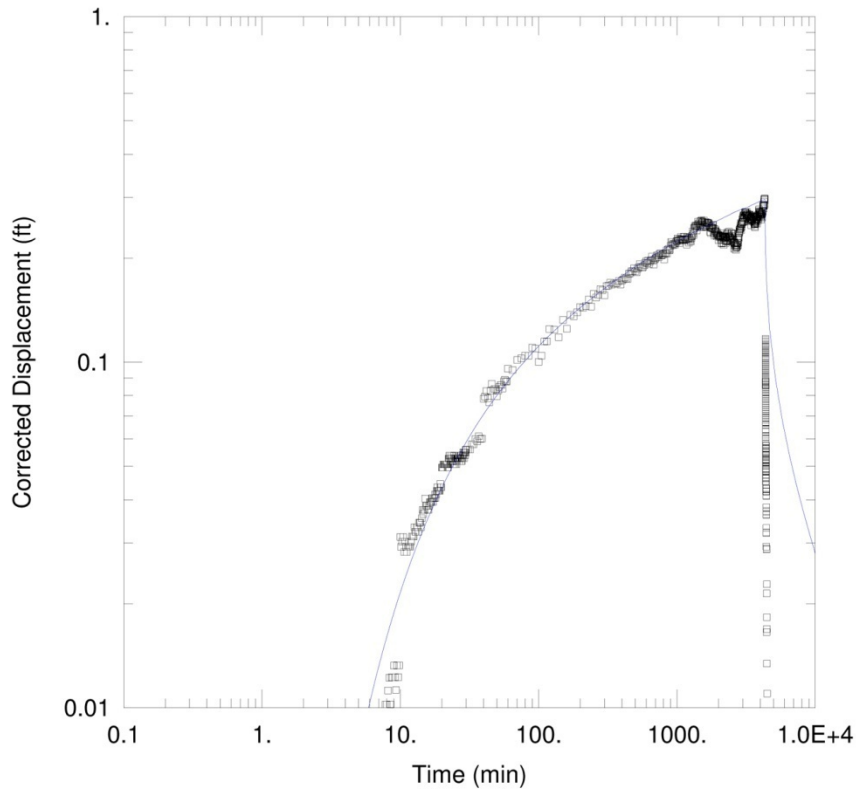
Well Name	X (ft)	Y (ft)
KAFB-EX001	0.416666	0

SOLUTION

Aquifer Model: Unconfined Solution Method: Cooper-Jacob

T = 8776.9 ft^2/day S = 6.728E-26

Figure 3-6. Cooper Jacob Method of Analysis of KAFB-ST105-EX01 Drawdown Data



KAFB-0508 DRAWDOWM/RECOVERY AQUIFER TEST

Data Set: \...\0508-Drawdown-recoveryThies.aqt
Date: 02/06/09 Time: 12:52:08

PROJECT INFORMATION

Company: MWH Global
Client: Kirtland AFB
Project: 1971105.06010302
Location: Albuequerque, New Mexico
Test Well: KAFB-EX001
Test Date: January 16-22, 2009

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
KAFB-EX011	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
KAFB-0508	70	0

SOLUTION

Aquifer Model: Unconfined
Solution Method: Theis

T = 1.645E+4 ft^2/day
Kz/Kr = 0.0007347
S = 0.05728
b = 67. ft

Figure 3-7. Theis Method of Analysis of KAFB-0508 Drawdown and Recovery Data

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

Prior to redevelopment, extraction well KAFB-ST105-EX01 did not perform as expected due to low sustainable pumping rates. Data collected during well re-development in August 2008 suggested that the redevelopment had improved well performance, which was confirmed by the aquifer test performed in January 2009. The aquifer test yielded aquifer parameter values that are more consistent with the original expectations for the aquifer and the values used in the groundwater model of the area constructed by the USGS (McAda and Barroll, 2002; Ruskauff, 2003). Additionally, the results of the aquifer test indicate that a pumping rate greater than 55 gpm is sustainable for extraction well KAFB-ST105-EX01.

These data are of sufficient quality to meet the objectives of this project, which were to:

- Evaluate if pumping at KAFB-ST105-EX01 could create a capture zone (i.e., a hydraulic depression) that would reduce downgradient contaminant migration (i.e., provide containment of nitrate contaminated groundwater).
- Assess the connectivity (or lack thereof) of groundwater flow paths intersected by KAFB-ST105-EX01 and the observation wells.
- Estimate hydraulic properties and characteristics (e.g., hydraulic conductivity, transmissivity, storativity) of the nitrate contaminated zone of the regional aquifer.
- Evaluate if pumping KAFB-ST105-EX01 could remove significant contaminant (nitrate) mass.
- Evaluate if pumping would mitigate nitrate migration to KAFB-16 (a downgradient production well).

Based on a preliminary assessment the aquifer test results indicate that use of extraction well KAFB-ST105-EX01 to remove Plume 1 nitrate contaminated groundwater will meet the objectives of the Stage 2 Abatement Plan for nitrate capture and nitrate mass reduction in groundwater. The aquifer test data will be used in the MODFLOW and MT3DMS groundwater flow and contaminant transport modeling (performed under separate contract) that will further assess nitrate capture and mass reduction.

4.2 Recommendations

Based on the aquifer test data from April 2007 and the initial well development results from April 2007 it was thought that the maximum size pump that could be used for the aquifer testing was 25 hp; if a larger pump was used for the test the groundwater discharge would be insufficient to cool the pump resulting in pump damage. However, the results of the aquifer testing are favorable, and indicate that a pumping rate greater than 55 gpm can be sustained. In addition, preliminary results (unpublished) of the groundwater modeling indicate that a pumping rate of approximately 140 gpm may be sustainable. However, these data are extrapolated from the results of the aquifer test and actual pumping data are needed to further assess sustainable pumping rates. It is recommended that additional aquifer testing be performed to determine the maximum sustainable pumping rate for this well to refine the groundwater model and further refine the capture zone analysis. In addition, if this well is brought on line to support groundwater

extraction as part of the ST-105 nitrate abatement plan; these data will be required for determining the size of permanent pump to be installed in the extraction well.

REFERENCES

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USAF, 2004. *Base-Wide Plans for the Environmental Restoration Program, Kirtland Air Force Base* (USAF, 2004 update).

USAF, 2007. *Interim Stage 2 Abatement Plan Extraction Well Pilot Study Report for Nitrate Contaminated Groundwater at Kirtland Air Force Base, New Mexico.*

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ATTACHMENT A

AQUIFER TEST FIELD FORMS AND FIELD NOTES

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: KAFB
PROJECT NO: 197112.0601040 1
WELL NO: KAFB-5705-EX001
DATE: 1-12-09
PUMP DEPTH: 574.00'
TEST NO: Background
TYPE OF TEST: Aquifer
PUMPED WELL NO:
DISTANCE FROM PUMPING WELL: 0'
MEASURING EQUIPMENT: Insitu WL & Troll 700
HYDROGEOLOGIST: DWA

Time Data
Pump On: Date/Time_____(t)
Pump Off: Date/Time_____(t')
Duration of Aquifer Test:
Pumping: 72 hr.
Recovery:_____

Water Level Data
Pretest Water Level 497.76
Static Water Level: 497.76
Measuring Point:_____
Elevation of Measuring Point:_____
MTB - 588.49

Water Quality

Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
1-12-09	0900		497.76						
1-13-09	1620		497.60						
1-14-09	1400		497.54						
1-15-09	0840		497.65						Stopped background

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(~~OBSERVATION~~ Pumping WELLS)

PROJECT NAME: KAFB PROJECT NO: 1971112. PIEZO NO: EX-001
DATE: PUMP DEPTH: TEST NO: Step 25gpm
TYPE OF TEST: PUMPED WELL NO: DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On Date/Time	Pretest Water Level		
Pump Off Date/Time	Static Water Level 497.70		
Duration of Aquifer Test	Measuring Point		
Pumping	Elevation of Measuring Point		
Recovery	25gpm		

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-15-09	1220	497.70		0					
	1	499.87		25.36					
	2	500.16		25.46					
	3	500.20		25.41					
	4	500.19		24.80					
	5	500.17		24.55					
	6	500.16		24.50					
	7	500.16		24.40					
	8	500.16		24.40					
	9	500.16		24.40					
	10	500.16		24.35					
	11	500.16		24.35					
	12	500.16		24.40					
	13	500.16		24.30					
	14	500.16		24.25					
	15	500.12		24.18					
	16	500.08		24.10					
	17	500.08		24.00					
	18	500.06		23.95					
	19	500.08		24.00					
	20	500.14		23.95					
	21	500.14		23.95					
	22	500.14		23.95					
	23	500.14		23.95					
	24	500.14		24.00					
	25	500.14		23.95					
	26	500.14		23.95					
	27	500.14		23.95					

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(~~OBSERVATION~~ Pumping WELLS)

PROJECT NAME: KAFB PROJECT NO: 1971112 PIEZO NO: KAFB-EX-001
DATE: PUMP DEPTH: TEST NO: 25 gpm Step
TYPE OF TEST: PUMPED WELL NO: DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: WLT, Transducer HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On: Date/Time	Pretest Water Level		
Pump Off: Date/Time	Static Water Level		
Duration of Aquifer Test	Measuring Point		
Pumping	Elevation of Measuring Point		
Recovery	25 gpm		

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-13-09	28	500.14		23.95					
	29	500.14		23.95					
	30	500.14		23.95					
	35	500.10		23.54					
	40	500.10		23.59					
	45	500.10		23.59					
	50	500.09		23.39					
	55	500.09		23.49					
	60	500.09		23.49					
	70	500.07		23.29					
	80	500.07		23.34					
	90	500.05		22.94					
	100	499.96		22.28					
	110	499.94		22.23					
	120	499.91		21.88					
Mytin Reading		Totals		A -	3408 gallons		digital		
				B -	3484		Analog		
					479100				

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(~~OBSERVATION~~ Pumping WELLS)

PROJECT NAME: KAFB
PROJECT NO: 1971112.06010401
PIEZO NO: KAFB-EX-001
DATE: 1-19-09
PUMP DEPTH: 574'
TEST NO: Step
TYPE OF TEST: AQ
PUMPED WELL NO: KAFB-EX-001
DISTANCE FROM PUMPING WELL: 0
MEASURING EQUIPMENT: Insitu WLT, Transducer
HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On Date/Time 1-15-09	Pretest Water Level 499.76		
Pump Off Date/Time 1-15-09	Static Water Level		
Duration of Aquifer Test	Measuring Point TOCN		
Pumping	Elevation of Measuring Point		
Recovery	40gpm		

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
	1	501.46		40.08					
	2	501.92		40.03					
	3	502.02		39.98					
	4	502.08		39.98					
	5	502.10		39.88					
	6	502.12		39.93					
	7	502.14		39.93					
	8	502.15		39.93					
	9	502.15		39.93					
	10	502.16		39.93					
	11	502.18		39.93					
	12	502.18		39.93					
	13	502.19		39.98					
	14	502.20		40.03					
	15	502.20		39.98					
	16	502.20		39.98					
	17	502.20		39.98					
	18	502.21		39.93					
	19	502.21		39.98					
	20	502.21		39.93					
	21	502.22		39.88					
	22	502.22		39.88					
	23	502.22		39.88					
	24	502.22		39.83					
	25	502.22		39.83					
	26	502.22		39.88					
	27	502.22		39.88					

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(~~OBSERVATION~~ Pumping WELLS)

PROJECT NAME: _____ PROJECT NO: 1971112.060104001 PIEZO NO: KAFB-EX-001
DATE: 1-15-09 PUMP DEPTH: 574.00' TEST NO: Step 40 gpm
TYPE OF TEST: AQ PUMPED WELL NO: _____ DISTANCE FROM PUMPING WELL: 0
MEASURING EQUIPMENT: _____ HYDROGEOLOGIST: DWA

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On: Date/Time _____	Pretest Water Level _____		
Pump Off: Date/Time _____	Static Water Level _____		
Duration of Aquifer Test	Measuring Point _____		
Pumping _____	Elevation of Measuring Point _____		
Recovery _____	40 gpm Test		

585
497

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-15-09	28	502.22		39.88					
	29	502.23		39.88					
	30	502.23		39.88					
	35	502.24		39.83					
	40	Missed							
	45	Missed							
	50	502.20		39.78					
	55	502.19		39.78					
	60	502.18		39.78					
	70	502.19		39.73					
	80	502.25		39.68					
	90	502.27		39.73					
	100	502.27		39.63					
	110	502.27		39.63					
	120	502.23		39.63					
	Totalizer Readings			A - 8538			gallons		
				B - 483890			"		

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

A = digital B = Analog

AQUIFER TEST DATA SHEET
(~~OBSERVATION~~ Remping WELLS)

PROJECT NAME: KAFB
PROJECT NO: 1971112.06010401
PIEZO NO: KAFB-EX-001
DATE: 1-15-09
PUMP DEPTH: 574'
TEST NO: Step - 60 gpm
TYPE OF TEST: AQ
PUMPED WELL NO:
DISTANCE FROM PUMPING WELL: 0
MEASURING EQUIPMENT: WLI - Transducer
HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On Date/Time	Pretest Water Level		
Pump Off Date/Time	Static Water Level		
Duration of Aquifer Test	Measuring Point		
Pumping	Elevation of Measuring Point		
Recovery	53.95 Wide open 4 through 1" Pipe		

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
	1	504.00		53.85					
	2	Missed							
	3	504.06		53.90					
	4	504.11		53.90					
	5	504.15		53.90					
	6	504.16		53.85					
	7	504.19		53.90					
	8	504.20		53.90					
	9	504.22		53.90					
	10	504.23		53.90					
	11	504.23		53.90					
	12	504.26		53.95					
	13	504.27		53.95					
	14	Missed							
	15	Missed							
	16	504.28		53.95					
	17	504.28		53.95					
	18	504.28		53.95					
	19	504.29		53.95					
	20	504.30		54.00					
	21	504.29		53.95					
	22	504.29		53.95					
	23	504.30		53.95					
	24	504.31		53.95					
	25	504.32		53.95					
	26	504.32		53.95					
	27	504.32		53.95					

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(~~OBSERVATION~~ Pumping WELLS)

PROJECT NAME: _____ PROJECT NO: _____ PIEZO NO: KAFB-EX-001

DATE: _____ PUMP DEPTH: _____ TEST NO: Step-60gpm

TYPE OF TEST: _____ PUMPED WELL NO: _____ DISTANCE FROM PUMPING WELL: _____

MEASURING EQUIPMENT: _____ HYDROGEOLOGIST: _____

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On Date/Time _____	Pretest Water Level _____		
Pump Off Date/Time _____	Static Water Level _____		
Duration of Aquifer Test:	Measuring Point: _____		
Pumping _____	Elevation of Measuring Point: _____		
Recovery _____	54 gpm with	Valve wide open	Through 2" & 1" Pipe

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
	28	504.33		53.95					
	29	504.33		53.95					
	30	504.34		53.95					
	35	504.35		54.05					
	40	504.36		54.00					
	45	504.38		54.10					
	50	504.39		54.00					
	55	504.42		54.21					
	60	504.42		54.21					
	~~70~~ 73	504.44		54.31					
	80	504.46		54.31					
	90	504.48		54.46					
	100	504.49		54.31					
	110	504.50		54.41					
	120	504.51		54.41					

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: KAFB
PROJECT NO: 197112
WELL NO: KAFB-EX-001
DATE: 1-15-09
PUMP DEPTH: 574'
TEST NO: Step 70 gpm
TYPE OF TEST: AQ
PUMPED WELL NO: EX-001
DISTANCE FROM PUMPING WELL: 0
MEASURING EQUIPMENT: WLI, Transducer
HYDROGEOLOGIST:

Time Data	Water Level Data	Water Quality
Pump On: Date/Time_____(t)	Pretest Water Level_____	
Pump Off: Date/Time_____(t')	Static Water Level:_____	
Duration of Aquifer Test:	Measuring Point:_____	
Pumping:_____	Elevation of Measuring Point:_____	
Recovery:_____	70 gpm	

Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
1-15-09	0		497.68		—				
	5		504.72		56.28				
	10		504.90		54.64				
	15		504.98		54.93				
	20		505.03		54.96				
	25		505.07		54.94				
	30		505.10		54.95				

On this Test we took out the 1" section with digital flow to see if we could pump harder. After 30 minutes of pumping determined were getting no better flow than last Test shutdown & ended day.

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: KAFB
PROJECT NO: 1971112.060/0401
WELL NO: KAFB-ST105-EX-001
DATE: 1-16-09
PUMP DEPTH: 574.00'
TEST NO: Constant @ 53 gpm
TYPE OF TEST: AQ
PUMPED WELL NO: EX-001
DISTANCE FROM PUMPING WELL: 0
MEASURING EQUIPMENT: WLI, Transducer
HYDROGEOLOGIST:

Time Data
Pump On: Date/Time 1-16 (t)
Pump Off: Date/Time _____ (t')
Duration of Aquifer Test: 72 hrs
Pumping: _____
Recovery: _____

Water Level Data
Pretest Water Level 497.76
Static Water Level: 497.77
Measuring Point: TOCN
Elevation of Measuring Point: _____

Water Quality

Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
1-16-09	1		502.60		52.84				
	2		503.50		52.74				
	3		503.70		52.74				
	4		503.81		52.68				
	5		503.85		52.68				
	6		503.86		52.63				
	7		503.86		52.79				
	8		503.95		52.69				
	9		503.97		52.68				
	10		503.98		52.63				
	11		503.99		52.74				
	12		504.00		52.68				
	13		504.01		52.58				
	14		504.02		52.58				
	15		504.03		52.63				
	16		504.03		52.58				
	17		504.04		52.58				
	18		504.04		52.53				
	19		504.06		52.53				
	20		504.06		52.58				
	21		504.06		52.48				
	22		504.06		52.48				
	23		504.06		52.48				
	24		504.07		52.48				
	25		504.07		52.48				
	26		504.07		52.48				
	27		504.08		52.48				

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: KAFB
DATE: 1-16-09
TYPE OF TEST: AQ
MEASURING EQUIPMENT:

PROJECT NO: 197111.2
PUMP DEPTH: 574'
PUMPED WELL NO: EX001

WELL NO: KAFB - ST05 - EX-001
TEST NO: Constant Rate
DISTANCE FROM PUMPING WELL: 0
HYDROGEOLOGIST: Zak Brown

Time Data
Pump On: Date/Time_____(t)
Pump Off: Date/Time_____(t')
Duration of Aquifer Test:
Pumping:_____
Recovery:_____

Water Level Data
Pretest Water Level_____
Static Water Level:_____
Measuring Point:_____
Elevation of Measuring Point:_____
52.48 gpm

Water Quality

Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
1-16-09	28		504.08		52.48				
	29		504.08		52.48				
	30		504.08		52.48				
	35		504.10		52.53				
	40		504.11		52.53				
	45		504.12		52.48				
	50		504.13		52.53				
	55		504.15		52.58				
	60		504.09		52.58				
	70		504.14		52.48				
	80		504.15		52.48				
	90		504.11		52.53				
	100		504.11		52.58				
	110		504.12		52.53				
	120		504.13		52.53				
	150		504.15		52.58				
	180		504.21		52.68				
	210		504.26		52.63				
	240		504.28		52.68				
	270		504.30		52.74				digital @ 1800
400	300		504.29		52.94				32193
430	330		504.30		52.89				507685 @ 1800
700	360		504.29		52.79				Analog
730	390	400	504.31		52.89				
8		420	504.32		52.99				
830		450	504.32		52.99				
9pm		480	504.32		53.09				

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: KAFB
PROJECT NO: 197112
WELL NO: KAFB-5705-EX001
DATE: 1-16-09
PUMP DEPTH: 574'
TEST NO: Constant Rate
TYPE OF TEST: AQ
PUMPED WELL NO: EX001
DISTANCE FROM PUMPING WELL: 0
MEASURING EQUIPMENT: WLI, Transducer
HYDROGEOLOGIST: DWM

Time Data	Water Level Data	Water Quality
Pump On: Date/Time_____(t)	Pretest Water Level 497.76	
Pump Off: Date/Time_____(t')	Static Water Level:_____	
Duration of Aquifer Test:	Measuring Point:_____	
Pumping:_____	Elevation of Measuring Point:_____	
Recovery:_____		

	Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
10AM	1-16-09	540		504.33		53.04				
11pm		600		504.34		52.99				
12pm		660		504.37		53.04				
1AM	1-17-09	720		504.36		53.09				
5AM		960		504.40		53.24	~~65378.0~~			~~Digital~~
9AM		1200		504.49		53.19				~~Analog~~
1PM		1440		504.48		52.99				
5pm		1680		504.48		52.94	80581			Digital Total @ 922
9pm		1920		504.57		53.19	552387			Analog Total
1AM	1-18-09	2160		504.62		53.24				
5AM		2400		504.64	143784	53.40	104907			Digital @ 1700 1/17
9AM		2640		504.61		53.19	574810			Analog
1pm		2880		504.54		52.99				
5pm		3120		504.47		52.89	180809			Digital 1700 1/18
9pm		3360		504.52		53.19	645225			Analog
1AM	1-19-09	3600		504.55		53.09				
5AM		3840		504.59		53.34	219758			
9AM		4080		504.64		53.24				
1pm		4320		504.51		52.99				

Digital Totalizer @ Finish was - 247,763

Analog Totalizer @ Finish was - 709,464

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: KAFB
DATE: 1-19-09
TYPE OF TEST:
MEASURING EQUIPMENT:

PROJECT NO: 1971112
PUMP DEPTH: 574'
PUMPED WELL NO: EX001

WELL NO: KAFB-ST05-EX001
TEST NO: RECOVERY
DISTANCE FROM PUMPING WELL: 0
HYDROGEOLOGIST:

Time Data
Pump On: Date/Time_____(t)
Pump Off: Date/Time_____(t')
Duration of Aquifer Test:
Pumping:_____
Recovery:_____

Water Level Data
Pretest Water Level_____
Static Water Level:_____
Measuring Point:_____
Elevation of Measuring Point:_____

Water Quality

Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
2pm 1-19-09	~~28~~	0	504.49		52.84				
	2	1	502.26		0				
		2	499.28						
		3	498.02						
		4	497.83						
		5	497.80						
		6	497.75						
		7	497.74						
		8	497.73						
		9	497.71						
		10	497.71						
		11	497.71						
		12	497.70						
		13	497.69						
		14	497.69						
		15	497.73						
		16	497.73						
		17	497.73						
		18	497.66						
		19	497.66						
		20	497.66						
		21	—						
		22	497.72						
		23	497.72						
		24	497.72						
		25	497.72						
		26	497.72						

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: KAFB
PROJECT NO: 197112
WELL NO: KAFB-5T105-EX001
DATE: 1-19-09
PUMP DEPTH: 574'
TEST NO: RECOVERY
TYPE OF TEST: AQ
PUMPED WELL NO: EX001
DISTANCE FROM PUMPING WELL: 0
MEASURING EQUIPMENT: WLI, TRANSDUCER
HYDROGEOLOGIST:

Time Data
Pump On: Date/Time_____(t)
Pump Off: Date/Time_____(t')
Duration of Aquifer Test:
Pumping:_____
Recovery:_____

Water Level Data
Pretest Water Level_____
Static Water Level:_____
Measuring Point:_____
Elevation of Measuring Point:_____

Water Quality

	Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
	1-19-09		27	497.72		0				
			28	497.72						
			29	497.72						
			30	497.72						
			35	497.72						
			40	497.71						
			45	497.71						
			50	497.70						
			55	497.69						
3pm			60	497.69						
			70	497.68						
			80	497.68						
			90	497.68						
			100	497.67						
			110	497.67						
4pm			120	497.67						
			150	497.65						
5pm			180	497.65						
			210	497.65						
6pm			240	497.66						
			270	—						
7pm			300	497.65						
			330	—						
8pm			360	497.65						
		390	~~420~~	—						
9pm		420	~~450~~	497.64						
		450	~~480~~	—						

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(PUMPING WELL)

PROJECT NAME: _____ PROJECT NO: _____ WELL NO: _____

DATE: _____ PUMP DEPTH: _____ TEST NO: _____

TYPE OF TEST: _____ PUMPED WELL NO: _____ DISTANCE FROM PUMPING WELL: _____

MEASURING EQUIPMENT: _____ HYDROGEOLOGIST: _____

Time Data	Water Level Data	Water Quality
Pump On: Date/Time_____(t) Pump Off: Date/Time_____(t') Duration of Aquifer Test: Pumping:_____ Recovery:_____	Pretest Water Level_____ Static Water Level:_____ Measuring Point:_____ Elevation of Measuring Point:_____	

	Date	Time Since Pump Started t (min)	Time Since Pump Stopped t' (min)	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	pH	Specific Conductivity	Temperature	Comments on factors affecting test data
10pm			480	497.66		0				
11pm			540	—						
12pm	1-20		600	—						
1AM			660	—						
2AM			720	—						
10AM	1-20-09	1200	~~1320~~	497.74						
10pm	1-20-09	1920	~~2040~~	497.63						
10AM	1-21	2640	~~2760~~	497.62						
10pm		3360	~~3480~~	—						
10AM	1-22	4080	~~4200~~	—						
2pm	1-22		4320	—						
	Talked to Doug Mu Told me Test is done no more									
	Measurements as of 10-21-09 1020 AM									

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

508

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB PROJECT NO: 1971112 PIEZO NO: KAFB-0508
DATE: 1-12-09 PUMP DEPTH: 574' TEST NO: Background
TYPE OF TEST: Aquifer PUMPED WELL NO: KAFB-EX-001 DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: Insitu WLE HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On: Date/Time	Pretest Water Level		
Pump Off: Date/Time	Static Water Level		
Duration of Aquifer Test:	Measuring Point		
Pumping	Elevation of Measuring Point		
Recovery			

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-12-09	1200	498.70							
1-13-09	1615	498.66							
1-14-09	1340	498.66							
~~Run Through~~		~~Stop~~							

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

507

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB PROJECT NO: 1971112.0601040 PIEZO NO: KAFB-0507
DATE: PUMP DEPTH: TEST NO: Background
TYPE OF TEST: PUMPED WELL NO: DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On Date/Time	Pretest Water Level		
Pump Off Date/Time	Static Water Level		
Duration of Aquifer Test	Measuring Point		
Pumping	Elevation of Measuring Point		
Recovery			

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-12-09	1240	502.05							
1-13-09	1602	502.00							
1-14-09	1310	502.01							

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

523

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB PROJECT NO: 1971112.06010401 PIEZO NO: KAFB-0523
DATE: PUMP DEPTH: TEST NO: Background
TYPE OF TEST: PUMPED WELL NO: DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On: Date/Time Pump Off: Date/Time Duration of Aquifer Test: Pumping Recovery	Pretest Water Level Static Water Level Measuring Point: Elevation of Measuring Point:		

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-12-09	1350	493.42							
1-13-09	1612	493.40							
1-14-09	1330	493.34							

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

1273.63

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB PROJECT NO: 1971112 PIEZO NO: KAFB-0507
DATE: 1/16/09 PUMP DEPTH: 574 ft TEST NO: Constant Rate
TYPE OF TEST: AQ PUMPED WELL NO: KAFB-EX001 DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: Water Level Indicator, Transducer HYDROGEOLOGIST: Rob Young

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On Date/Time	Pretest Water Level ~~502.11~~		
Pump Off Date/Time	Static Water Level		
Duration of Aquifer Test	Measuring Point Top of RVC pump head		
Pumping	Elevation of Measuring Point		
Recovery			

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1/16/09	1132	502.14			1/17/09	0103	502.02		
"	1205	502.10			1/17/09	0502	502.03		
"	1315	502.09			1/17/09	0900	502.08		
"	1326	502.09			1-17-09	1310	502.03		
"	1337	502.08			1-17-09	1711	502.00		
"	1347	502.08			1-17-09	2104	502.04		
"	1358	502.08			1-18-09	0101	502.07		
"	1408	502.08			1-18-09	0504	502.07		
"	1418	502.08			1-18-09	0910	502.12		
"	1428	502.08			1-18-09	1312	502.07		
"	1438	502.07			1-18-09	1704	502.02		
"	1448	502.06			1-18-09	2104	502.04		
"	1458	502.06			1-19-09	0100	502.05		
"	1528	502.06			1-19-09	0500	502.05		
"	1602	502.06			1-19-09	0918	502.12		
"	1628	502.05			1-19-09	1257	502.05		
"	1701	502.05							
"	1730	502.04							
"	1757	502.04							
"	1836	502.04							
"	1902	502.04							
"	1931	502.04							
"	2002	502.04							
"	2031	502.03							
"	2205	502.02							
"	2203	502.04							
"	2302	502.03							
1/17/09	2404	502.02							

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB
PROJECT NO: 197112
PIEZO NO: KAFB-0523
DATE: 1/16/09
PUMP DEPTH: 574 ft
TEST NO: Constant Rate
TYPE OF TEST: AQ
PUMPED WELL NO: KAFB-EX001
DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: Water Level Indicator, Transducer
HYDROGEOLOGIST: Rob Young

Time Data
Pump On: Date/Time
Pump Off: Date/Time
Duration of Aquifer Test:
Pumping
Recovery

Water Level Data
Pretest Water Level
Static Water Level:
Measuring Point: Top of PVC casing
Elevation of Measuring Point:

Time Data Continuation

Water Level Data Continuation

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1/16/09	1153	493.51			1/17/09	0108	493.42		
"	1310	493.48			"	0507	493.41		
"	1321	493.48			"	0909	493.47		
"	1331	493.48			"	1306	493.41		
"	1343	493.48			"	1707	493.40		
"	1354	493.48			"	2109	493.45		
"	1403	493.47			1/18/09	0106	493.48		
"	1413	493.47			1/18/09	0509	493.49		
"	1423	493.45			1-18-09	0916	493.56		
"	1434	493.44			1-18-09	1300	493.49		
"	1444	493.44			1-18-09	1658	493.42		
"	1454	493.44			1-18-09	2108	493.42		
"	1503	493.44			1-19-09	0104	493.45		
"	1533	493.44			1-19-09	0506	493.44		
"	1611	493.44			1-19-09	0914	493.52		
"	1637	493.44			1-19-09	1309	493.41		
"	1708	493.43							
"	1738	493.42							
"	1804	493.43							
"	1842	493.43							
"	1908	493.43							
"	1937	493.43							
"	2010	493.43							
"	2036	493.43							
"	2110	493.43							
"	2209	493.43							
"	2306	493.43							
1/17/09	2409	493.42							

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB PROJECT NO: 1971112 PIEZO NO: KAFB-0508
DATE: 1/16/09 PUMP DEPTH: 574ft TEST NO: Constant Rate
TYPE OF TEST: AQ PUMPED WELL NO: KAFB-EX001 DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: water level indicator, Transducer HYDROGEOLOGIST: Rob Young

Time Data
Pump On Date/Time
Pump Off Date/Time
Duration of Aquifer Test
Pumping
Recovery

Water Level Data
Pretest Water Level
Static Water Level
Measuring Point: Top of ~~PVC~~ metal casing
Elevation of Measuring Point

Time Data Continuation

Water Level Data Continuation

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1/16/09	1210	498.81			1/17/09	0111	498.84		
	1310	498.80			"	0510	498.85		
	1320	498.83			"	0915	498.92		
	1330	498.84			"	1302	498.86		
	1340	498.83			"	1704	498.86		
	1350	498.85			"	2111	498.90		
	1400	498.85			1/18/09	0109	498.94		
	1410	498.86			1/18/09	0512	498.94		
	1420	498.86			"	0905	498.98		
	1430	498.86			"	1305	498.93		
	1440	498.86			1-18-09	1655	498.90		
	1450	498.86			1-18-09	2111	498.90		
	1500	498.87			1-19-09	0100	498.92		
	1530	498.87			1-19-09	0509	498.92		
	1612	498.81			1-19-09	0911	498.97		
	1641	498.83			1-19-09	1317	498.90		
	1712	498.82							
	1742	498.81							
	1806	498.83							
	1844	498.83							
	1912	498.83							
	1939	498.84							
	2013	498.84							
	2038	498.85							
	2113	498.84							
	2213	498.85							
	2310	498.85							
1/17/09	2412	498.84							

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB
PROJECT NO: 1971112
PIEZO NO: KAFB-0507
DATE: 1-19-09
PUMP DEPTH: 574'
TEST NO: Recovery
TYPE OF TEST: AQ
PUMPED WELL NO: EX-001
DISTANCE FROM PUMPING WELL: ___
MEASURING EQUIPMENT: WLI, Transducer
HYDROGEOLOGIST: Rob Young

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On: Date/Time ___	Pretest Water Level ___		
Pump Off: Date/Time ___	Static Water Level ___		
Duration of Aquifer Test:	Measuring Point ___		
Pumping ___	Elevation of Measuring Point ___		
Recovery ___			

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-19-09	1410	502.02							
"	1419	502.01							
"	1430	502.01							
"	1440	502.00							
"	1450	502.00							
"	1500	502.00							
"	1511	501.99							
"	1522	501.99							
"	1532	501.99							
"	1543	501.98							
"	1552	501.98							
"	1600	501.98							
"	1632	501.97							
"	1704	501.97							
"	1733	501.97							
"	1808	501.97							
"	1916	501.98							
"	2007	501.98							
"	2108	501.98							
"	2209	501.98							
1/20/09	1035	502.06							
1/20/09	2231	501.96							
1/20/09	1005	—	Plane on Pad 5 no permissions						

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB
PROJECT NO: 194111Z
PIEZO NO: KAFB-0508
DATE: 1-19-09
PUMP DEPTH: 574'
TEST NO: RECOVERY
TYPE OF TEST: AQ
PUMPED WELL NO: EX001
DISTANCE FROM PUMPING WELL:
MEASURING EQUIPMENT: WLE, TRANSDUCER
HYDROGEOLOGIST:

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On: Date/Time	Pretest Water Level		
Pump Off: Date/Time	Static Water Level		
Duration of Aquifer Test:	Measuring Point		
Pumping	Elevation of Measuring Point		
Recovery			

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-19-09	1404	498.88							
	1412	498.85							
	1420	498.83							
	1422	498.82							
	1430	498.81							
	1440	498.79							
	1450	498.78							
	1500	498.76							
	1510	498.76							
	1520	498.76							
	1530	498.76							
	1540	498.75							
	1550	498.75							
	1600	498.72							
	1630	498.70							
	1700	498.70							
	1728	498.69							
	1801	498.68							
	1908	498.64							
	1957	498.68							
	2058	498.66							
	2158	498.66							
1-20/09	1045	498.72							
1/20/09	2245	498.62							
1/21/09	1002	498.60							
1-21-09	No more hand measurements as of 1020 AM								

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

AQUIFER TEST DATA SHEET
(OBSERVATION WELLS)

PROJECT NAME: KAFB
PROJECT NO: 1971112
PIEZO NO: KAFB-0523
DATE: 1-19-09
PUMP DEPTH: 574'
TEST NO: RECOVERY
TYPE OF TEST: AQ
PUMPED WELL NO: 12X-001
DISTANCE FROM PUMPING WELL: ___
MEASURING EQUIPMENT: WLI, TRANSDUCER
HYDROGEOLOGIST: Rob Young

Time Data	Water Level Data	Time Data Continuation	Water Level Data Continuation
Pump On: Date/Time_____	Pretest Water Level_____		
Pump Off: Date/Time_____	Static Water Level:_____		
Duration of Aquifer Test:	Measuring Point:_____		
Pumping _____	Elevation of Measuring Point:_____		
Recovery _____			

Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)	Date	Time	Depth to Water (ft)	Pressure Transducer (XD)	Flow Rate (gpm)
1-19-09	1414	493.35							
"	1424	493.34							
"	1435	493.34							
"	1446	493.34							
"	1456	493.34							
"	1506	493.33							
"	1517	493.32							
"	1528	493.32							
"	1538	493.32							
"	1547	493.31							
"	1556	493.31							
"	1605	493.31							
"	1638	493.30							
"	1659	493.33							
"	1728	493.32							
"	1803	493.33							
"	1910	493.33							
"	1959	493.34							
"	2102	493.35							
"	2203	493.35							
1/20/09	1042	493.48							
1/20/09	2240	493.36							
1/21/09	1016	493.35							

Conversion Factors: 1 PSI = 2.31 feet 1 cubic foot = 7.48 gallons

1-12-09 Sunny, windy

0800 @ KAFB Bading

0900 @ KAFB-ST105-EX001
DTW - 497.76'
DTB - 588.49'
Setting pump @ 574'
For Tests

1030 Take Insi to boxes back
To Hotel, go To Home
Depot, get Clamps &
locks for Holding
Transducers in place
The pump being 15 horse
8.5 gallon a minute pump
by WDE
Called Rumsey Informed
where here
Called Flightline
846-7706 Sgt Thomas Seimens
Previously Sgt Smith has
said it would be OK
To set up Camp Trailer.
1200 begin installing Transducers.

1-12-09 - Cont. Sunny, windy

1200 @ KAFB-508
DTW - 498.70'
DTB - ~~506.00~~ 514.65'
Set Transducer @ ~~505~~ 514'
1502' ~~6.30~~ of H_2O above Transducer
Scheduled Test To Run every
10 minutes & To start @
1500

1240 Move To KAFB-0507
DTW - 502.05'
DTB - 515.53'
Set Transducer @ 515.00'
with 13.00' of H_2O above
Transducer
Raised & lowered To make
sure its working, ok

1350 @ KAFB-0523
DTW - 493.42
DTB - Approximately 600'
Set Transducer 30' Below
Static Water level

1530 checked Test in 508
Transducer had slipped
pulled back up & marked
Cable with Sharpie

over

1-12-09 Cont.

1530 Nick of WDC back on site with straw & plastic, begin building Erosion Control

Nick went to Home Depot for fittings

Erosion Control needs more straw, will get tomorrow

WDC builds discharge fountain

1-13-09 Sunny, 37°

0900 clean up paperwork

1000 Front desk calls, transducer here go to site install in EX-001 DTW - 497.76
DTB - 588.49

Install Transducer @ 563'

Pump was installed @ 574.00'

Background started @ 1210

1230 - go clean out truck get straw

1602 @ 507 take DTW
DTW = 502.00' no slippage of transducer cable.

1612 @ 523 take DTW
DTW = 493.40
no slippage of transducer cable

1615 @ 508 take DTW
DTW = 498.66
No slippage of transducer cable

over

1-13-09 Cont.

1620 @ EX-001 Take DTW
DTW = 497.60
small slippage of Transducer
Cable 1/8" inch maybe.
Finish putting out straw
for Erosion Control
1630 leave to go pick up
Camp Trailer in Rio Rancho
1930 back @ Hotel, done

1-14-09 Sunny. 45°
0900 leave for RAYB, go
set up Trailer, get
supplies for Trailer
1200 called Mark Holmes
Informed him were
ready for Inspection
He & chris will come
out between 2-3pm for
a look
1310 @ 0507 DTW- 502.01
no slippage, down loaded Test
Manual Readings Taken from
Top of PVC Pump Top opening
1330 @ 0523 DTW- 493.34
down load Test, manual
Readings Taken from Top
of Inner Well Casing @ mark
down loaded Baro Troll
data
1340 @ 0508 DTW- 498.66
No Slippage, Manual Readings
Taken from Top of outer
Steel Casing @ Mark

OVER

1-14-09 Cont.

1400 @ EX-001 DTW - 497.54
No Slippage, download
Test, Manual Taken from
Top of Steel Casing @
locking Tab.

1430 Mark Holmes & Chris
Segura @ Site for
Inspection.

Initial Meter Readings

Total digital 0
Analog 475558

1-15-09

0700 Go To Truman gate
get Rod A pass, Then drop
him off @ Lovelace Urgent
Care as hes sick, doing
step Tests Alone.

0830 shutdown background
on pumping well DTW - 497.65'
turned on pump filled piping
with H_2O set flow @ 15gpm
@ 910 @ 507 DTW - 502.08
stopped Background Test
Set up step in 507
Test To begin @ 0920

0930 @ 523 DTW - 493.47
shutdown & download
523 background, start step
@ 940 download Baro background
start Baro step. 940

0940 @ 508 DTW - 498.70
shutdown & download Background
start step start @ 950

947 @ EX 001, Set up Transducer
for first step @ 15gpm
15gpm step not working
Tried Twice draws down 2'
Then Flow slows down about 3gpm
over

1-15-09 Cont.
And H_2O level starts climbing
Talked with Doug were
skipping the 15gpm step
start @ 25gpm,
started 25gpm test @ 1220
working much better
1340 Called Doug gave him
it's, He said to do next
step @ 40gpm
1400 Mark Holmes visited
site, watched as we started
next step @ 40gpm
1630 - Talked with Doug
He says go to 60gpm
60gpm test will start @
1650
1500 Talked with
Doug He wants us to
pull the 1" pipe &
see what we get
with strait 2" pipe
after this test
1710 start test with
all 2" pipe
only manuals every
5 minutes

1-15-09 Cont.
Calculating flow with
Analog Meter

1-16-09
0830 leave for KAFB
0900 @ Pump Test Site
1030 Doug Called, Said
To Run Constant Rate Test
@ 53gpm, Called Nick
To Come To Site
1130 Went to All observation Sites
downloaded Tests, shedoled
Constant Rate Tests to
START @ 1300,
1300 Constant Rate Test
STARTed @ 52.99 gpm,
drew down Approx 6',
STABilized flow @ 52.50
gallons per minute.
Taking All MANUAL Reading
1530 Rob leaves Site will
be back @ 2000
1800 TOOK TOTALIZER Readings
Digital - 32,193
Analog - 507685
2000 Rob on Site, Hector
& WDC
Continue Readings

1-17-09 Sunny, Mild

0800 Dennis & Nick back
on Site, Rob & Hector
leave, WDC Filled Generator
with Diesel
0900 go Take Readings &
download data
1300 Take Readings
1700 Take Readings
2000 Rob & Hector on Site
Dennis & Nick leave Site
2100 Rob Takes Readings
2400 still on Site

1-18-09 Sunny, 55°
0100 Rob Takes Readings
0500 Rob Takes Readings
0800 Dennis & Nick back on Site, Rob & Hector leave
0900 Dennis Takes Readings
1300 Take Reading, download Transducers
1700 Take Readings
2000 Rob & Hector Back on Site, Nick & Dennis leave
2100 Rob Took Readings

1-19-09 Sunny, 37-58°
0100 Rob Took Readings
0500 Rob Took Readings
0800 Dennis & Nick back on Site, Rob & Hector leave
0900 Dennis Took Readings
1300 Dennis Took Readings & prepared for shut down, Recovery test Rob back on Site for First 2-3 hrs of Recovery Test.
1400 Recovery Test Starts Rapid manuals,
1600 Rob done ready to leave Site
1700 After Talking with Doug & he Talked with Deb IT was determined because Recovery was so rapid we could shorten manual Reading ½ hrs to 6, Then 1 hrs to 10 The 12 hr. Readings

1-20-09 Sunny

Took 10AM Readings
Moved on To Camp Genilue
Return To Pioneer Rentals
Total Cost with Generator
should be $987.03
10PM Went To Take 12hour
Reading, was detained
by Security as an
operation had occured
And I did not See
The plane in the dark
eventually got Readings
& left Site

4hrs

1-21-09 Sunny

10AM Went to Site To
get 12 hour Readings
Deb called, Wells not
Secured, will fix
Doug Called said To Take
no more manual Readings
Talked About Tomorrow
Will do step Testing
cleanup.
Will go back on site
later After plane
leaves as Kumsee is
not allowing access
To pad 5.

4 hrs.

1-22-09 Sunny, 37.5°
0800 @ Site waiting for word
on larger pump or not
Get land fill permit
Meet WRC @ EX-001, Begin
pulling pump.
0920 Stopped Test in EX-001
Pulled Transducer
DTW = 497.43
1120 Pump out of well, waiting
to hear if we have premission
to proceed with larger pump
1130 WDC leaves site to go
do other stuff

1-23-09
0730 leave for site, go to
Contractors yard drop off
Boxes & some equipment
left small table, 2 buckets,
100' extension chord,
0900 Talked with Bob
Advice has refused the
request, clean up ship
Transducers, leave site.
WDC on site from 0900 to
1200 cleaning straw, etc.
(plastic, misc. Equipment.)
Dennis to finish pulling
Transducers & ship to
Institu. go to Contractors
yard get boxes
Called James of Aquatek
informed him, he will
not be needed.
1530 done @ Fedex, All
equipment returned to
Institu, 2 WLI have
damage.

ATTACHMENT B

KAFB LANDFILL PERMIT FOR IDW DISPOSAL

KIRTLAND AFB LANDFILL SHORT-TERM PASS

(TEMPORARY, LESS THAN 90 DAYS)

AFC

PASS NUMBER	DATE ISSUED:
T 920	22 Jan 09

VALID:

FROM: 22 Jan 09 TO: 31 Jan 09

CONTRACTOR	CONTRACT NUMBER	VEHICLE LICENSE NUMBER
MWH Americans Inc	FA8903-08-D-8777	Z286DZ

377 ABW/EM REPRESENTATIVE

Cindy 6-6704

KAFB FORM 234, MAR 97

KAFBI 32-7002

ATTACHMENT C

KAFB GROUNDWATER DISCHARGE AUTHORIZATION

Deborah Carter-Drain

Subject: FW: Final Aquifer Test Work Plan

-----Original Message-----
From: Segura, Christopher G Civ USAF AFMC 377 MSG/CEANC
Sent: Friday, January 09, 2009 1:06 PM
To: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR
Cc: Crosgrove, Cole G Civ USAF AFMC 377 MSG/CEANC
Subject: FW: Final Aquifer Test Work Plan

Mark,

I see no issue with this proposed discharge provided that nitrate+nitrite concentrations in the discharge water be less than the New Mexico Water Quality Standards for Interstate and Intrastate Surface Waters; Irrigation, Livestock Watering, and Wildlife Habitat Uses, 20.6.4.900J NMAC standard of 132 mg/L.

Thank you,

Christopher G. Segura
Water Quality Program Manager
Natural Resources Management Branch
Kirtland AFB, NM 87117
505-853-5443, DSN 263-5443
Christopher.Segura@Kirtland.af.mil

-----Original Message-----
From: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR
Sent: Wednesday, December 17, 2008 10:15 AM
To: Segura, Christopher G Civ USAF AFMC 377 MSG/CEANC
Subject: FW: Final Aquifer Test Work Plan

Chris

Attached is the workplan for conducting the aquifer test on the groundwater extraction well. Again, we anticipate production of 200,000-400,000 gallons of water that will be discharged in the watercourse that receives any discharge from production well KAFB 7. We ensure that the discharge does not cause surface erosion and construct sediment barriers (hay bales) along the watercourse. Pat processed this under the NPDES permit, with the main criteria being to meet certain standards stated in the workplan.

The attached workplan is being revised to change the anticipated volume of water, replace Pat's name with yours, and include a lab report to substantiate the nitrate concentration detected in the plume in which the extraction well is installed; I will forward the revised workplan to you this week, but am sending this now for your initial review.

Thanks

//Signed//

Mark Holmes

Project Manager

Environmental Management

Restoration Section

505 846-9005

From: Deborah C Drain [mailto:Deborah.C.Drain@us.mwhglobal.com]
Sent: Friday, December 05, 2008 4:15 PM
To: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR
Subject: Final Aquifer Test Work Plan

Mark,

Attached is the final aquifer test work plan. If you are good with this version, all we will need is the transmittal letter and the signed document certification form.

Deb

APPENDIX C
Well Installation Work Plan Addendum

Resource Conservation and Recovery Act Facility Investigation
Work Plan Addendum, September 2009
Solid Waste Management Unit WP-26, Sewage Lagoons and Golf Course Main Pond,
Kirtland Air Force Base, New Mexico

1. This Addendum summarizes activities that will be conducted as part of an ongoing investigation at Solid Waste Management Unit (SWMU) WP-26, Sewage Lagoons and Golf Course Main Pond, Kirtland Air Force Base (AFB), New Mexico. This document constitutes an addendum to the *Resource Conservation and Recovery Act Facility Investigation Work Plan for Solid Waste Management Unit WP-26, Sewage Lagoons and Golf Course Main Pond* dated April 2008 (USAF, 2008). The April 2008 RFI Work Plan provides overall direction for the execution of investigation activities at the site such as installation of additional groundwater monitoring wells.

2. Perched groundwater near SWMU WP-26 has been impacted by volatile organic compounds (VOCs). Activities proposed within this August 2009 addendum include installation of one upgradient regional aquifer groundwater monitoring well to determine if VOCs are impacting regional groundwater near SWMU WP-26. As requested in the letter dated 20 October 2008, from the New Mexico Environment Department (NMED) to Mr. Wayne Bitner, one additional groundwater monitoring well will be installed in the regional water table aquifer upgradient of SWMU WP-26. Figure F-1 presents the tentatively proposed location for the additional monitoring well. The proposed well location is approximately 750 feet (ft) to the northeast of the former sewage lagoons. The exact physical location of the new well will be dependant on access and utility clearances and may be slightly modified based on field observations.

3. Anticipated investigation activities for SWMU WP-26 are briefly described in the following bulleted sections. Overall, sample collection and well installation techniques will utilize the same field procedures outlined in Section 3.3 of the April 2008 RFI Work Plan.

   - The borehole will be advanced using downhole air rotary casing hammer (ARCH) drilling and rotary over reaming bit drilling techniques. The borehole will be advanced using 11 ¾-inch casing to approximately 180 ft below ground surface (bgs). A 9 5/8-inch casing will be telescoped inside the larger casing to drill from approximately 180 to 530 ft bgs.

   - Soils will be geologically logged at 10-ft intervals from returned drill cuttings by the onsite geologist. Drill cuttings will be field-screened with a photo ionization detector (PID) to assess whether VOCs are present in the returned drill cuttings during borehole advancement. Soil samples for laboratory analysis will be collected at approximately 50-ft intervals and analyzed for VOCs and nitrogen species. The drill cuttings and soil samples will be evaluated for the presence of a perched groundwater zone. Upon completion of the soil boring, the borehole will be advanced approximately 30 ft below the groundwater table, to approximately 530 ft bgs, for installation of a groundwater monitoring well.

   - The groundwater monitoring well casing will be constructed of Schedule 80, nominal, 4-inch inner diameter polyvinyl chloride (PVC) pipe. The monitoring well screen will be a 30-ft length of 0.010-inch slot PVC screen in order to extend the well life due to declining water levels. Approximately 5-ft of the well screen will be placed above the water table. A 5-ft blank PVC sediment sump will be installed below the screen. An appropriately sized filter pack for the screen slot size will be installed in the annular space surrounding the well screen to at least 2-ft above the top of the screen, overlain by 1-to 2-ft of finer grained transition sand. A bentonite seal of at least 20-ft will be placed in the annular space immediately above the filter pack with a high solids bentonite grout tremmied into place overlying the seal. Portland cement will be installed in

the uppermost 30-ft of annular space around the well casing and the well will be completed with either a locking stick-up well casing or flushmount manhole, to be determined based on the well location. The monitoring well will be appropriately developed by mechanical bailing, surging, and over-pumping following installation.

- A New Mexico-licensed professional surveyor will survey the horizontal well location to the nearest one-tenth of one foot relative to New Mexico State Plane Coordinates and the vertical elevation to the nearest one-hundredth of one foot relative to mean sea level (MSL).

- The new monitoring well will be integrated into the ongoing annual groundwater sampling schedule for SWMU WP-26. Groundwater samples and the appropriate quality assurance/quality control (QA/QC) samples as specified in the 2008 RFI Work Plan will be collected and analyzed by the analytical laboratory. Groundwater sampling of site monitoring wells will be conducted with a non dedicated submersible pump. Annual samples will be analyzed for VOCs (SW846 8260B), nitrate and nitrite (EPA Method 300.0), ammonia (EPA Method 350.1) and total Kjeldahl nitrogen (EPA Method 350.2). Analytical methods will adhere to the existing groundwater monitoring program established for SWMU WP-26.

4. The schedule for installation of the proposed groundwater monitoring well will be dependant on available funding. Drilling and well installation is anticipated to take approximately three weeks. The well installation details, groundwater analytical results, and findings will be reported in a well completion report to be prepared following well installation and sampling.

KAFB-0508
4851.35

4852

4853

4854

4855

KAFB-0507
4854.33

Pad 5

KAFB-2624
5146.03

KAFB-0505
4853.23

KAFB-0503
Abandoned

KAFB-0502
Abandoned

KAFB-2627
DRY

Pad 5 Road

Pennsylvania St

Proposed
Monitoring
Well Location

5145

5150

5155

5160

KAFB-2601
DRY

KAFB-2622
5154.87

KAFB-2623
DRY

KAFB-2626
5156.72

KAFB-0512
4853.41

KAFB-0506
5155.39

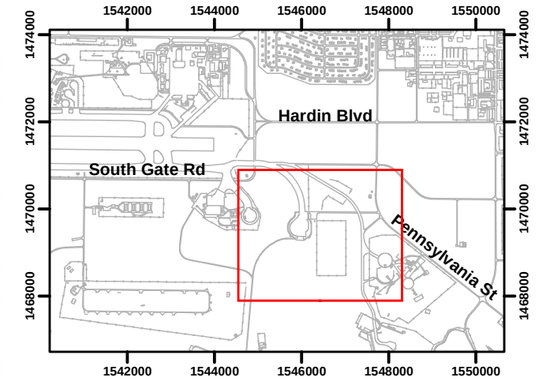
KAFB-2625
5161.92

KAFB-0504
DRY

KAFB-0501
Abandoned

Former
Sewage
Lagoons

KAFB-0522
4853.98



Legend

A	Regional Groundwater Monitoring Well
4853.23	Regional Groundwater Elevation (feet above mean sea level)
	Regional Groundwater Elevation Contour
A	Perched Groundwater Monitoring Well
5146.03	Perched Groundwater Elevation (feet above mean sea level)
	Perched Groundwater Elevation Contour
1541000	New Mexico Central State Plane NAD83 Feet Coordinates

0 150 300 600 Feet

2009 RFI Report for SWMU WP-26, Sewage Lagoons

Figure C-1

Proposed Regional Aquifer Monitoring Well Location

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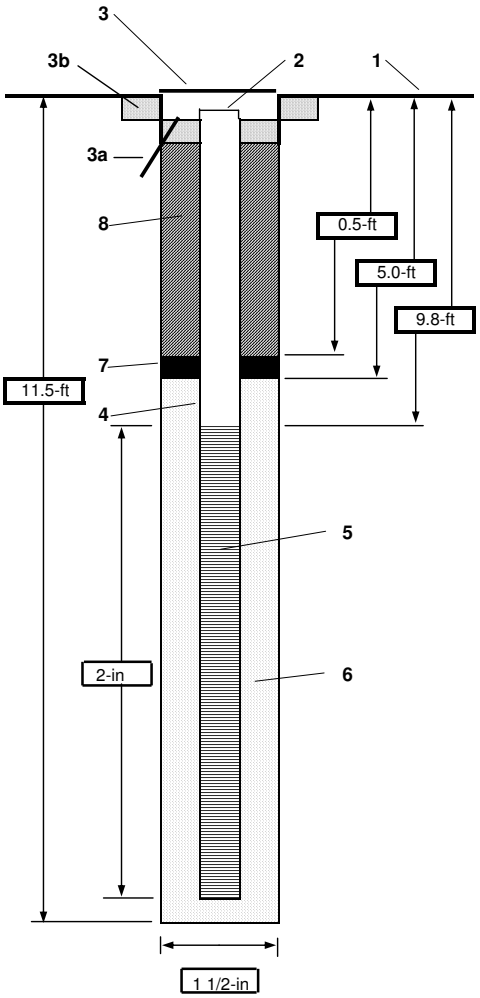
APPENDIX D
2009 RFI Field Documentation

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	KAFB-2606S	SHEET 1 OF 1

SHALLOW VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1
LOCATION : KAFB Sewage lagoons, west-central side of lagoons, just outside fence. **SEE ALSO KAFB-2606**
DRILLING CONTRACTOR : Vista Geosciences/Dave West
DRILLING METHOD AND EQUIPMENT Geoprobe 6610DT with 1 1/2-in dual tube casing
WATER LEVELS : N/A START : Jan 31, 2009 END : Jan 31, 2009 LOGGER : B Moayyad



1- Ground elevation at well: 5358 ft msl

2- Top of casing elevation: Not applicable
a) vent hole? no

3- Wellhead protection cover type: 6-in well box
a) drain tube? no
b) concrete pad dimensions: 14-in diameter

4- Dia./type of well casing: 1/8-in nylon tubing

5- Type/slot size of screen: 1/2-in diameter, 2-in long perforated point

6- Type screen filter/Quantity: 10/20 Colorado silica sand
a) Quantity used: 1/3 bag (50lb bag)

7- Type of seal: Enviroplug #8 granular bentonite
a) Quantity used: 1/4 bags

8- Grout
a) Grout mix used: none
b) Method of placement:
c) Vol. of well casing grout:

Development method: N/A

Development time: N/A

Estimated purge volume: 0.0053 min/ft at 300 mL/min for 1 volume

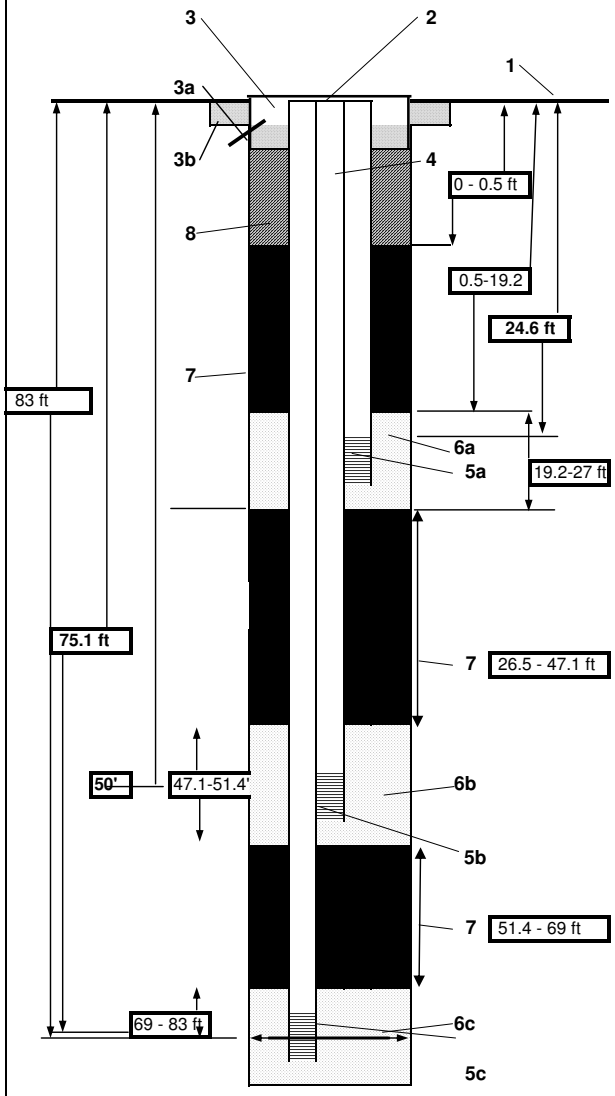
Comments

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-96	SHEET 1 OF 1

CH2MHILL

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, WNW of Pad 5
DRILLING CONTRACTOR : Vista Geosciences/Dave West
DRILLING METHOD AND EQUIPMENT USED Geoprobe 6610DT with 2 1/4-in dual tube casing
WATER LEVELS : N/A START : Jan 6, 2009 END : Jan 7, '09 LOGGER : A Forsberg/B Moayyad



1- Ground elevation at well: 5355 ft msl

2- Top of casing elevation: 5355 ft msl
a) vent hole? no

3- Wellhead protection cover type 6-in well box
a) drain tube? no
b) concrete pad dimensions 14-in diameter

4- Dia./type of well casing: 1/8-in nylon tubing

5a Type/slot size of screen: 1/2-in diameter, 2-in long perferated point
5b Type/slot size of screen: *same*
5c Type/slot size of screen: *same*

6a Type screen filter/Quantity: 10/20 Colorado sand/ 1/3 bag (50lb bag)
6b Type screen filter/Quantity: 10/20 Colorado silica sand/ 2/3 bag
6c Type screen filter/Quantity: 10/20 Colorado silica sand/ 2/3 bag

7- Type of seal: Enviroplug #8 granular bentonite
a) Quantity used: 2 1/3 bag

8- Grout
a) Grout mix used: none
b) Method of placement
c) Vol. of well casing grout

Development method: N/A

Development time: N/A

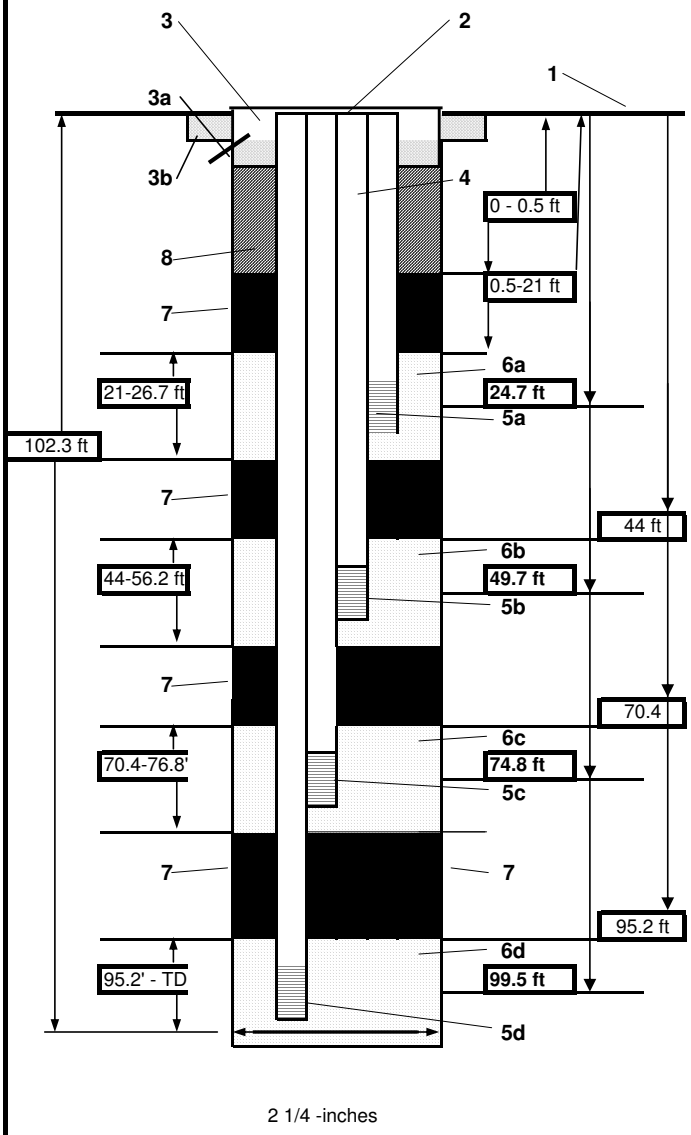
Estimated purge volume: 0.0053 min/ft at 300 mL/min for 1 volume

Comments
75 ft point installed 1/6/09, sample purge = 1.2 min
50 ft point installed 1/6/09, sample purge = 0.79 min
25 ft point installed 1/7/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-97	SHEET 1 OF 1

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, SW of Pad 5
DRILLING CONTRACTOR : Vista Geosciences/Dave West
DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing
WATER LEVELS : N/A START : Jan 7, 2009 END : Jan 8, 2009 LOGGER : A Forsberg/B Moayyad



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/2 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments
100 ft point installed 1/8/09, sample purge = 1.6 min
75 ft point installed 1/8/09, sample purge = 1.2 min
50 ft point installed 1/8/09, sample purge = 0.79 min
25 ft point installed 1/8/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-98	SHEET 1 OF 2

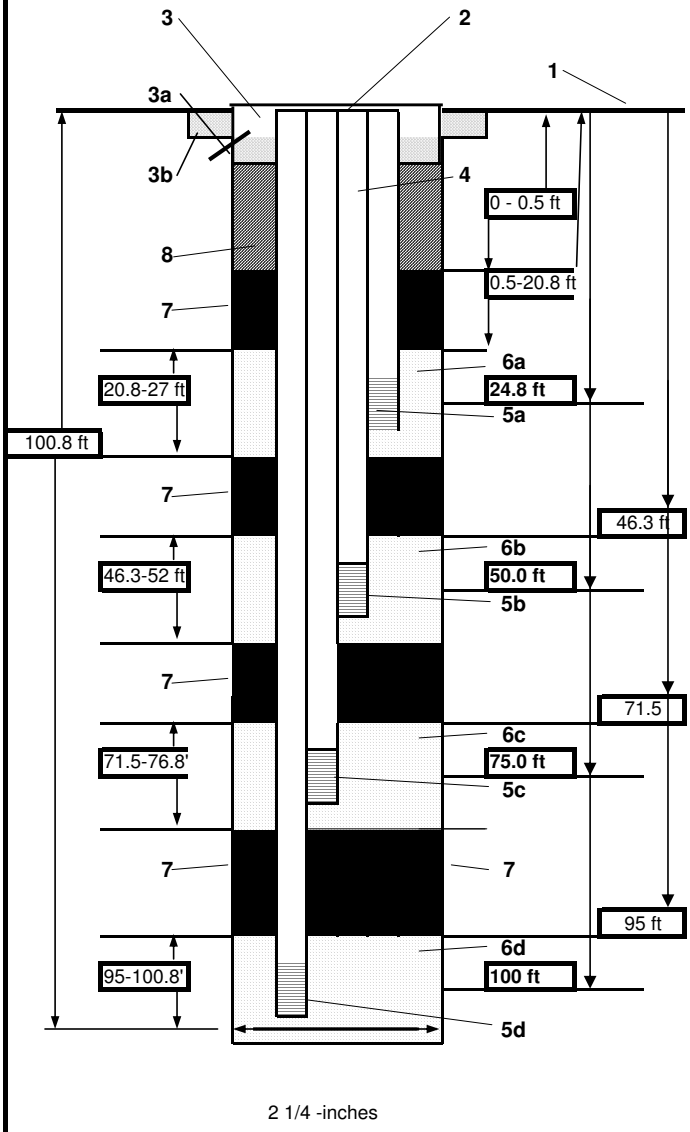
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 — LOCATION : KAFB Sewage lagoons, WNW of Pad 5

DRILLING CONTRACTOR : Vista Geosciences/Dave West — **SEE ALSO SV-98S (or sheet 2 of 2)**

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A — START : Jan 11, 2009 END : Jan 11, 2009 LOGGER : A Forsberg



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/4 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

100 ft point installed 1/11/09, sample purge = 1.6 min

75 ft point installed 1/11/09, sample purge = 1.2 min

50 ft point installed 1/11/09, sample purge = 0.79 min

25 ft point installed 1/11/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-98S	SHEET 2 OF 2

SHALLOW VAPOR POINT COMPLETION DIAGRAM

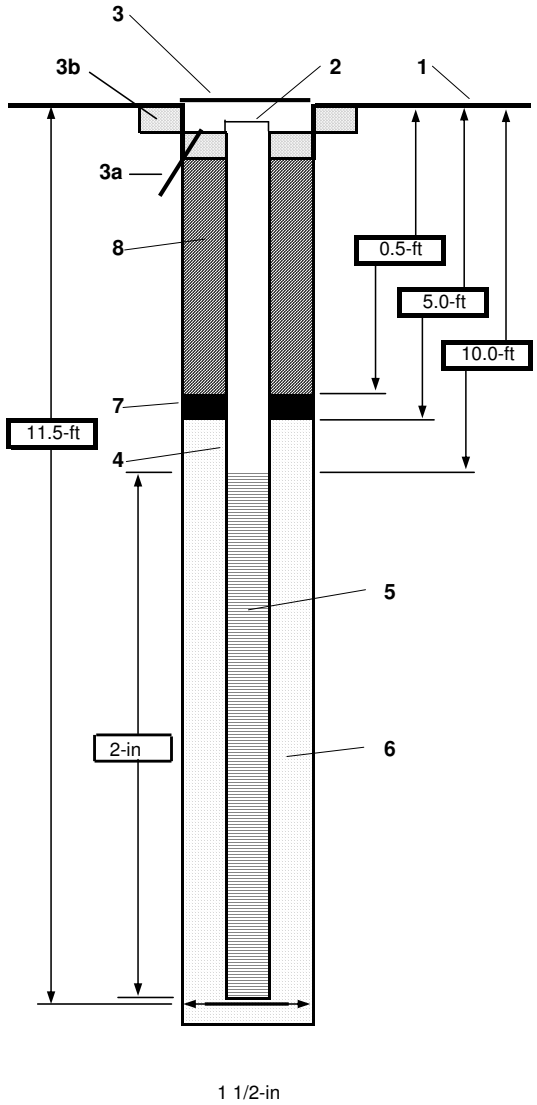
PROJECT : WP-26 RFI, Phase 1

LOCATION : KAFB Sewage lagoons, west-central side of lagoons, just outside fence. **SEE ALSO SV-98**

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT Geoprobe 6610DT with 1 1/2-in dual tube casing

WATER LEVELS : N/A START : Jan 31, 2009 END : Jan 31, 2009 LOGGER : B Moayyad



1- Ground elevation at well: 5355 ft msl

2- Top of casing elevation: 5355 ft msl
   a) vent hole? no

3- Wellhead protection cover type: 6-in well box
   a) drain tube? no
   b) concrete pad dimensions: 14-in diameter

4- Dia./type of well casing: 1/8-in nylon tubing

5- Type/slot size of screen: 1/2-in diameter, 2-in long perferated point

6- Type screen filter/Quantity: 10/20 Colorado silica sand
   a) Quantity used: 1/3 bag (50lb bag)

7- Type of seal: Enviroplug #8 granular bentonite
   a) Quantity used: 1/4 bags

8- Grout
   a) Grout mix used: none
   b) Method of placement:
   c) Vol. of well casing grout:

Development method: N/A

Development time: N/A

Estimated purge volume: 0.0053 min/ft at 300 mL/min for 1 volume

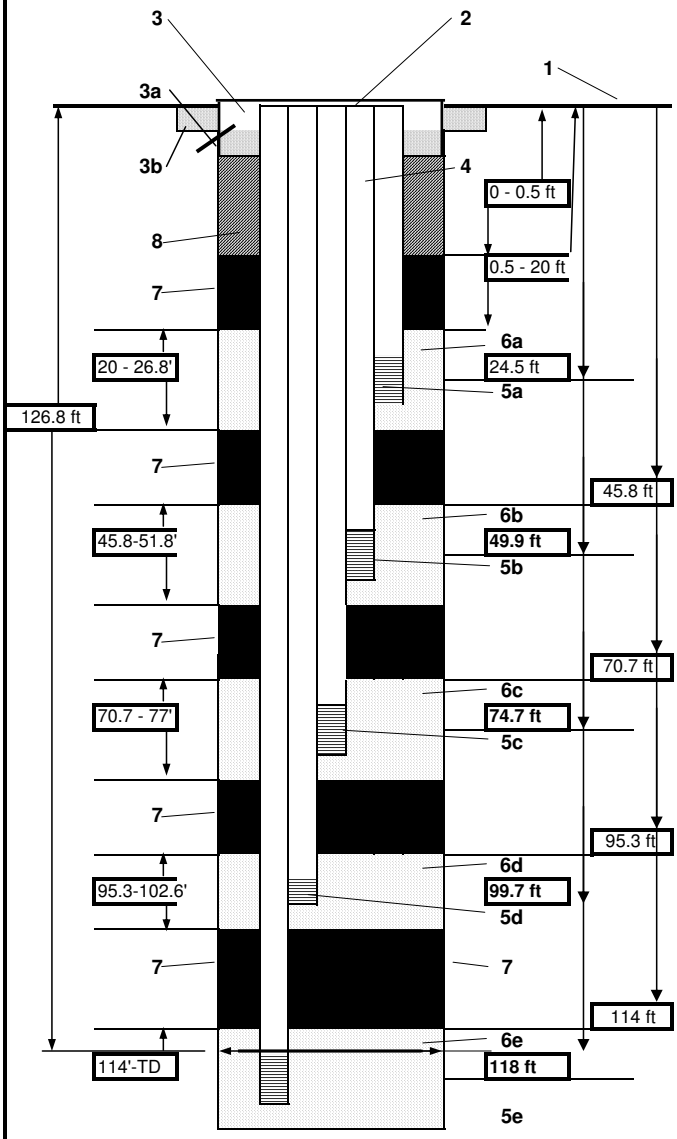
Comments

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-99	SHEET 1 OF 2

CH2MHILL

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, at Pad 5 Rd & Tressel Toe Rd
DRILLING CONTRACTOR : Vista Geosciences/Dave West NE of lagoons. **SEE ALSO SV-99S**(or sheet 2 of 2)
DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing
WATER LEVELS : N/A START : Jan 9, 2009 END : Jan 9, 2009 LOGGER : A Forsberg



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
5e	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/4 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6e	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/4 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Development method	N/A
	Development time	N/A
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments
118 ft point installed 1/9/09, sample purge = 1.9 min
100 ft point installed 1/9/09, sample purge = 1.6 min
75 ft point installed 1/9/09, sample purge = 1.2 min
50 ft point installed 1/9/09, sample purge = 0.79 min
25 ft point installed 1/9/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-99S	SHEET 2 OF 2

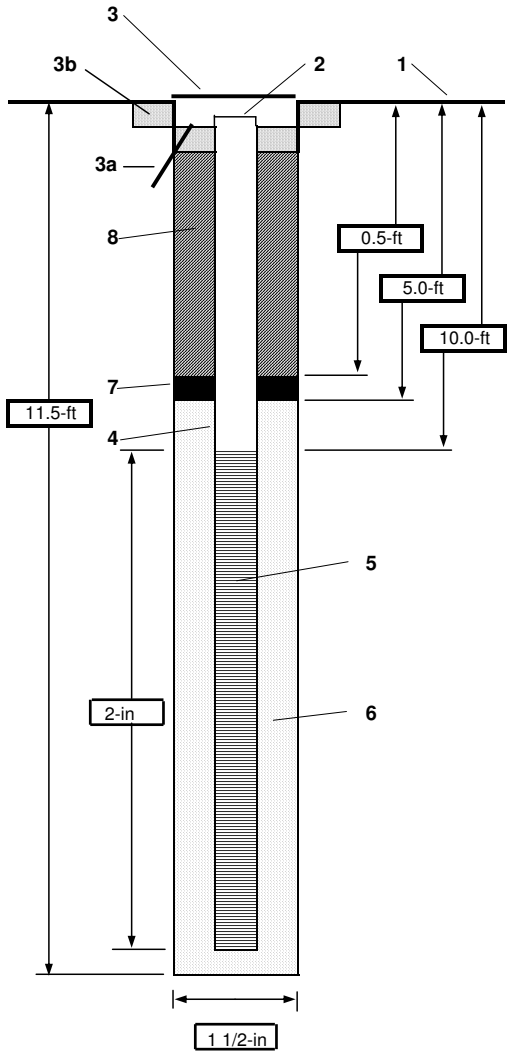
SHALLOW VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 — LOCATION : KAFB Sewage lagoons, at Pad 5 Rd & Tressel Toe Rd

DRILLING CONTRACTOR : Vista Geosciences/Dave West — NE of lagoons. **SEE ALSO SV-99** (or sheet 1 of 2)

DRILLING METHOD AND EQUIPMENT Geoprobe 6610DT with 1 1/2-in dual tube casing

WATER LEVELS : N/A — START : Jan 31, 2009 — END : Jan 31, 2009 — LOGGER : B Moayyad



1- Ground elevation at well	5355 ft msl
2- Top of casing elevation	5355 ft msl
a) vent hole?	no
3- Wellhead protection cover type	6-in well box
a) drain tube?	no
b) concrete pad dimensions	14-in diameter
4- Dia./type of well casing	1/8-in nylon tubing
5- Type/slot size of screen	1/2-in diameter, 2-in long perferated point
6- Type screen filter/Quantity	10/20 Colorado silica sand
a) Quantity used	1/2 bag (50lb bag)
7- Type of seal	Enviroplug #8 granular bentonite
a) Quantity used	1/4 bags
8- Grout	
a) Grout mix used	none
b) Method of placement	
c) Vol. of well casing grout	
Development method	N/A
Development time	N/A
Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

CH2MHILL

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-100	SHEET 1 OF 1

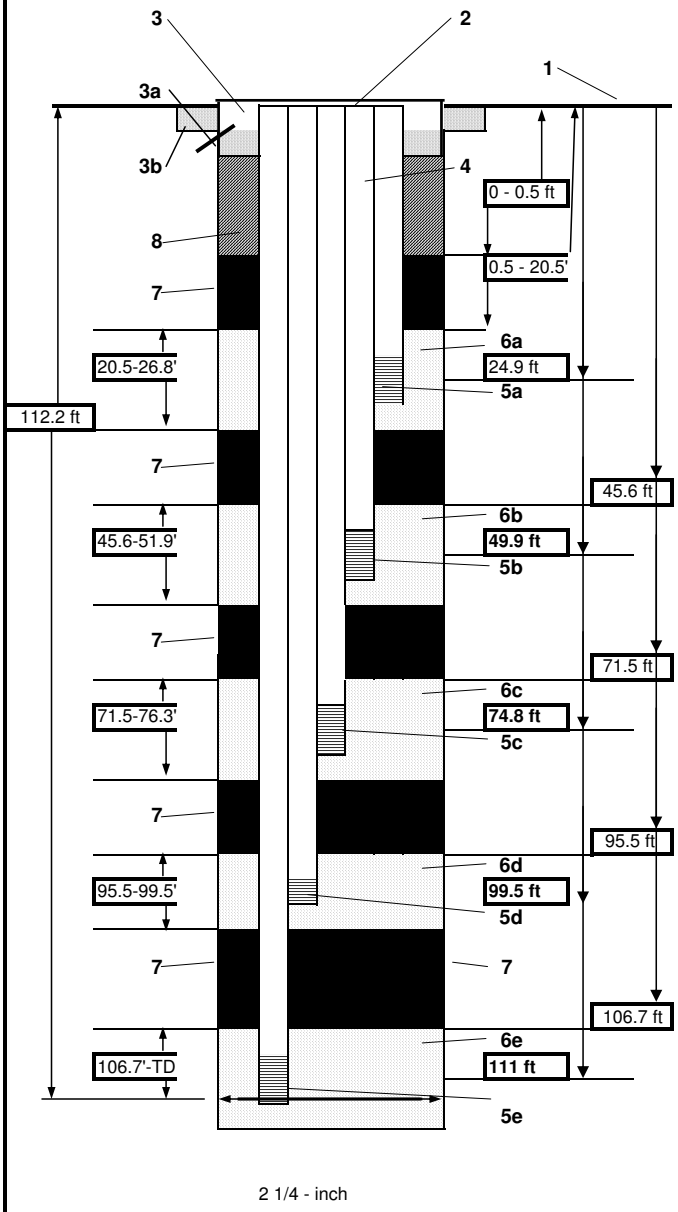
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, east of central lagoons and just north of drainage channel

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A START : Jan 10, 2009 END : Jan 10, 20(LOGGER : A Forsberg



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
5e	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/4 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6e	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Development method	N/A
	Development time	N/A
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

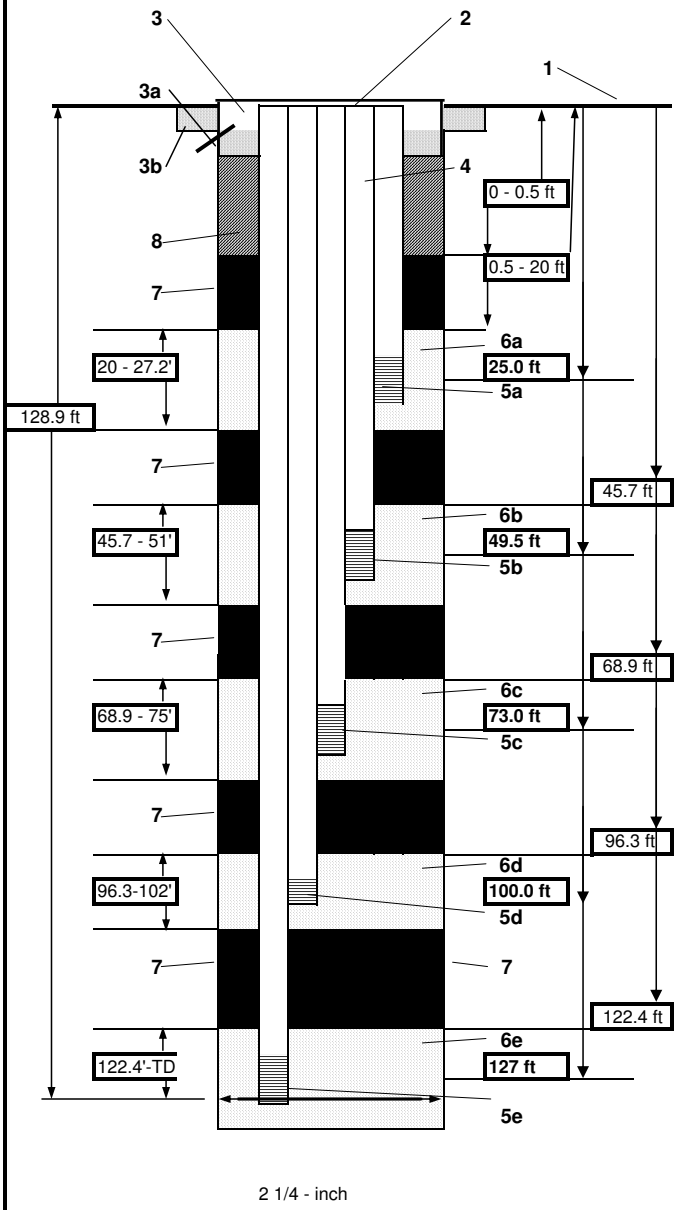
Comments

110 ft point installed 1/10/09, sample purge = 1.8 min
100 ft point installed 1/10/09, sample purge = 1.6 min
75 ft point installed 1/10/09, sample purge = 1.2 min
50 ft point installed 1/10/09, sample purge = 0.79 min
25 ft point installed 1/10/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-101	SHEET 1 OF 2

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, north of central lagoons approx.
DRILLING CONTRACTOR : Vista Geosciences/Dave West 300 ft north of Pad 5 Rd. **SEE ALSO SV-101S**
DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing
WATER LEVELS : N/A START : Jan 12, 2009 END : Jan 12, 2009 LOGGER : A Forsberg



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
5e	Type/slot size of screen	*same*
6a	Type screen filter/Quantit	10/20 Colorado sand/ 1/4 bag (50lb bag)
6b	Type screen filter/Quantit	10/20 Colorado silica sand/ 1/4 bag
6c	Type screen filter/Quantit	10/20 Colorado silica sand/ 1/4 bag
6d	Type screen filter/Quantit	10/20 Colorado silica sand/ 1/4 bag
6e	Type screen filter/Quantit	10/20 Colorado silica sand/ 1/4 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	4 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Development method	N/A
	Development time	N/A
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

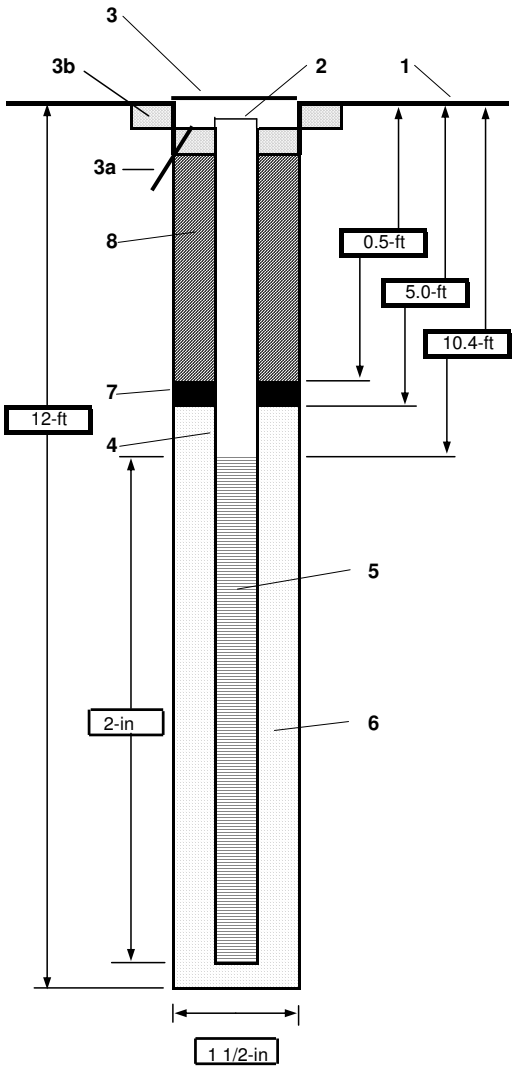
Comments
127 ft point installed 1/12/09, sample purge = 2.0 min
100 ft point installed 1/12/09, sample purge = 1.6 min
75 ft point installed 1/12/09, sample purge = 1.2 min
50 ft point installed 1/12/09, sample purge = 0.79 min
25 ft point installed 1/12/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-101S	SHEET 2 OF 2

CH2MHILL

SHALLOW VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, north of central lagoons approx.
DRILLING CONTRACTOR : Vista Geosciences/Dave West 300 ft north of Pad 5 Rd. **SEE ALSO SV-101** (or sheet 1 of 2)
DRILLING METHOD AND EQUIPMENT Geoprobe 6610DT with 1 1/2-in dual tube casing
WATER LEVELS : N/A START : Jan 31, 2009 END : Jan 31, 2009 LOGGER : B Moayyad



1- Ground elevation at well	5355 ft msl
2- Top of casing elevation	5355 ft msl
a) vent hole?	no
3- Wellhead protection cover type	6-in well box
a) drain tube?	no
b) concrete pad dimensions	14-in diameter
4- Dia./type of well casing	1/8-in nylon tubing
5- Type/slot size of screen	1/2-in diameter, 2-in long perferated point
6- Type screen filter/Quantity	10/20 Colorado silica sand
a) Quantity used	1/3 bag (50lb bag)
7- Type of seal	Enviroplug #8 granular bentonite
a) Quantity used	1/4 bags
8- Grout	
a) Grout mix used	none
b) Method of placement	
c) Vol. of well casing grout	
Development method	N/A
Development time	N/A
Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-102	SHEET 1 OF 1

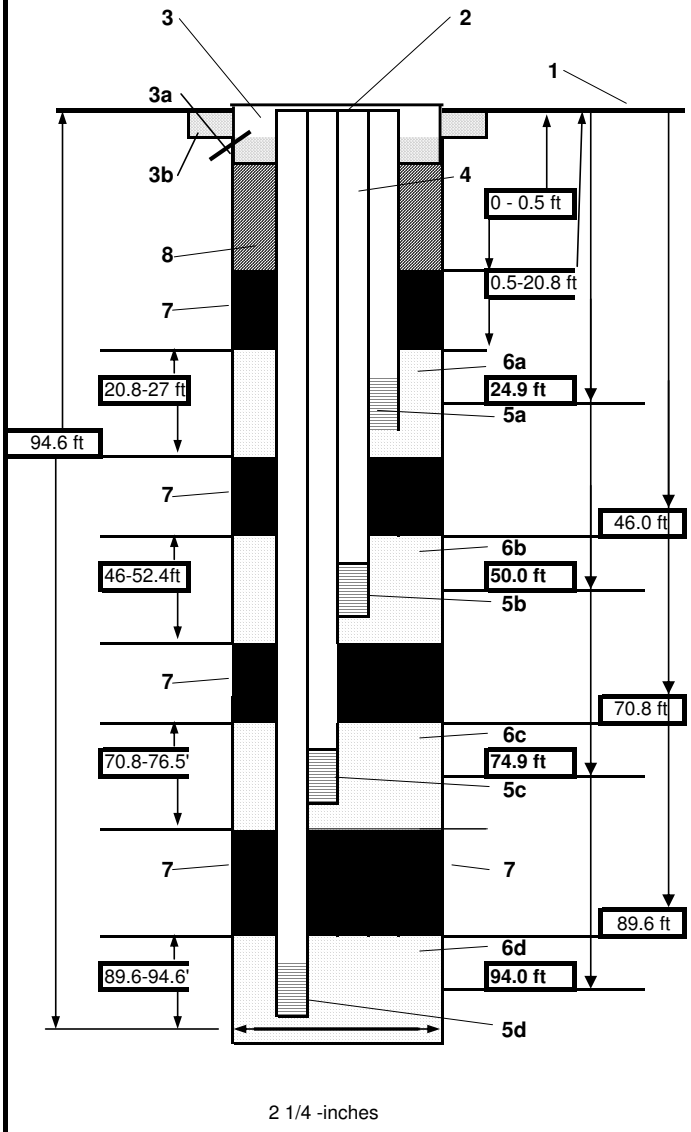
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 — LOCATION : KAFB Sewage lagoons, SW of sewage lagoons

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A — START : Jan 14, 2009 END : Jan 14, 2009 LOGGER : A Forsberg



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/3 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	2 1/2 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

94 ft point installed 1/11/09, sample purge = 1.6 min
75 ft point installed 1/11/09, sample purge = 1.2 min
50 ft point installed 1/11/09, sample purge = 0.79 min
25 ft point installed 1/11/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-103	SHEET 1 OF 1

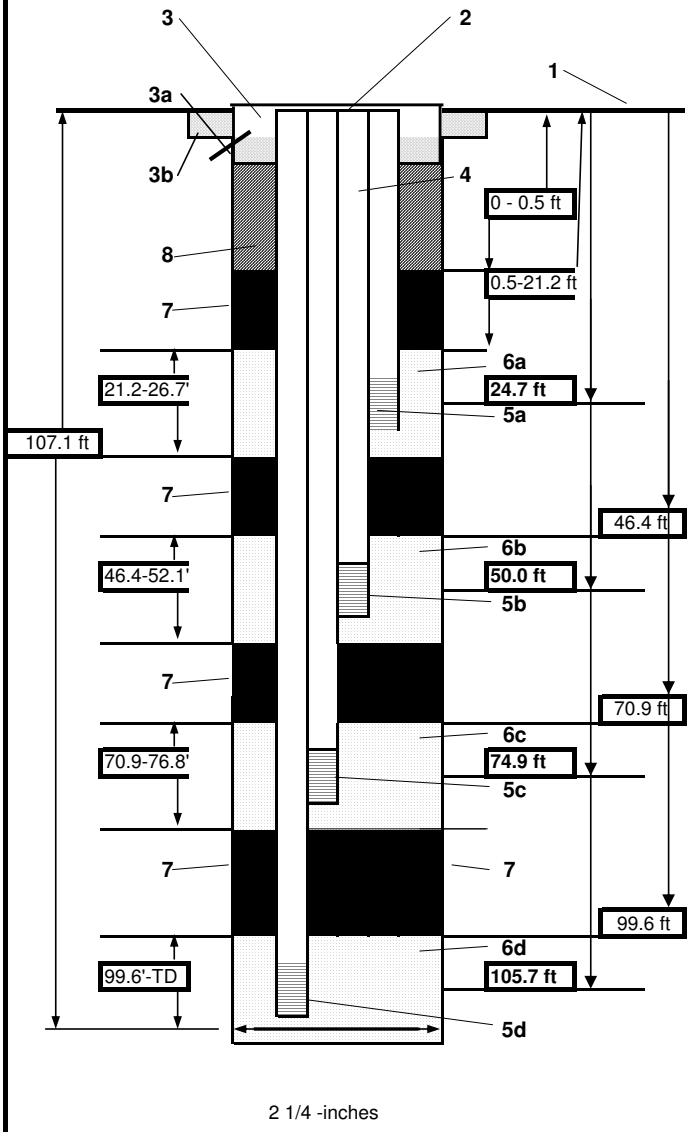
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 — LOCATION : KAFB Sewage lagoons, SW of sewage lagoons

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A — START : Jan 14, 2009 END : Jan 14, 2009 LOGGER : T Arrowood/B Moayyad



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/3 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/2 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

106 ft point installed 1/14/09, sample purge = 1.7 min

75 ft point installed 1/14/09, sample purge = 1.2 min

50 ft point installed 1/14/09, sample purge = 0.79 min

25 ft point installed 1/14/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-104	SHEET 1 OF 1

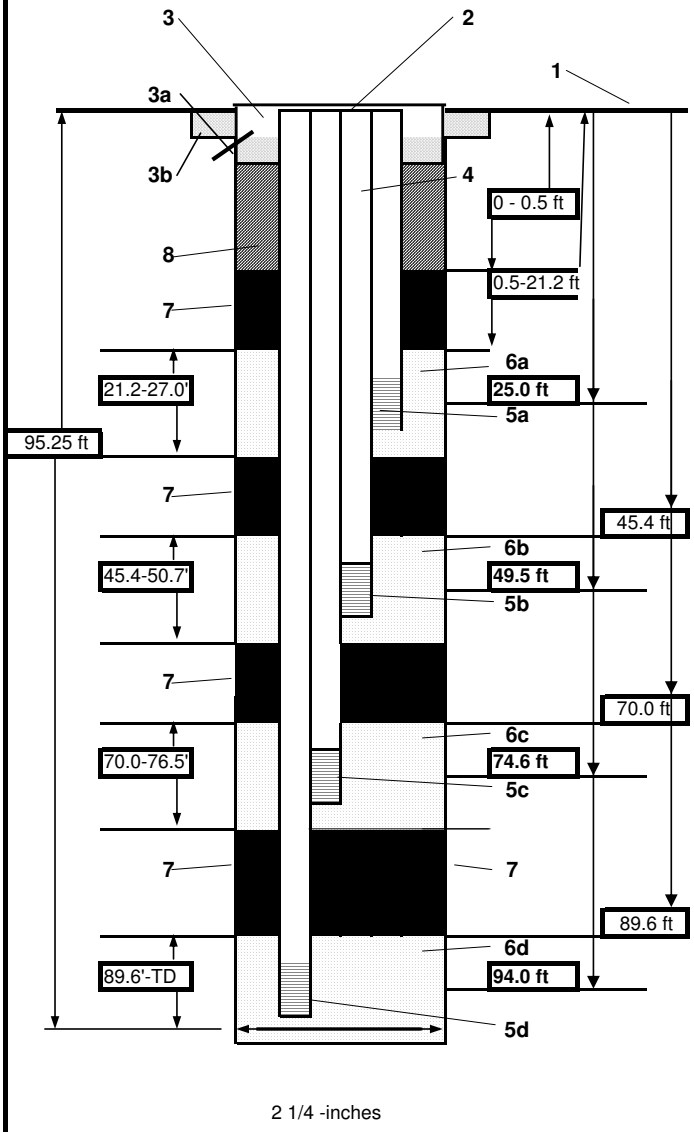
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 — LOCATION : KAFB Sewage lagoons, 400-ft S-SW of Pad 5

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A — START : Jan 20, 2009 END : Jan 20, 2009 LOGGER : T Arrowood



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover typ	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/3 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/2 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

94 ft point installed 1/20/09, sample purge = 1.5 min

75 ft point installed 1/20/09, sample purge = 1.2 min

50 ft point installed 1/20/09, sample purge = 0.79 min

25 ft point installed 1/20/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-105	SHEET 1 OF 1

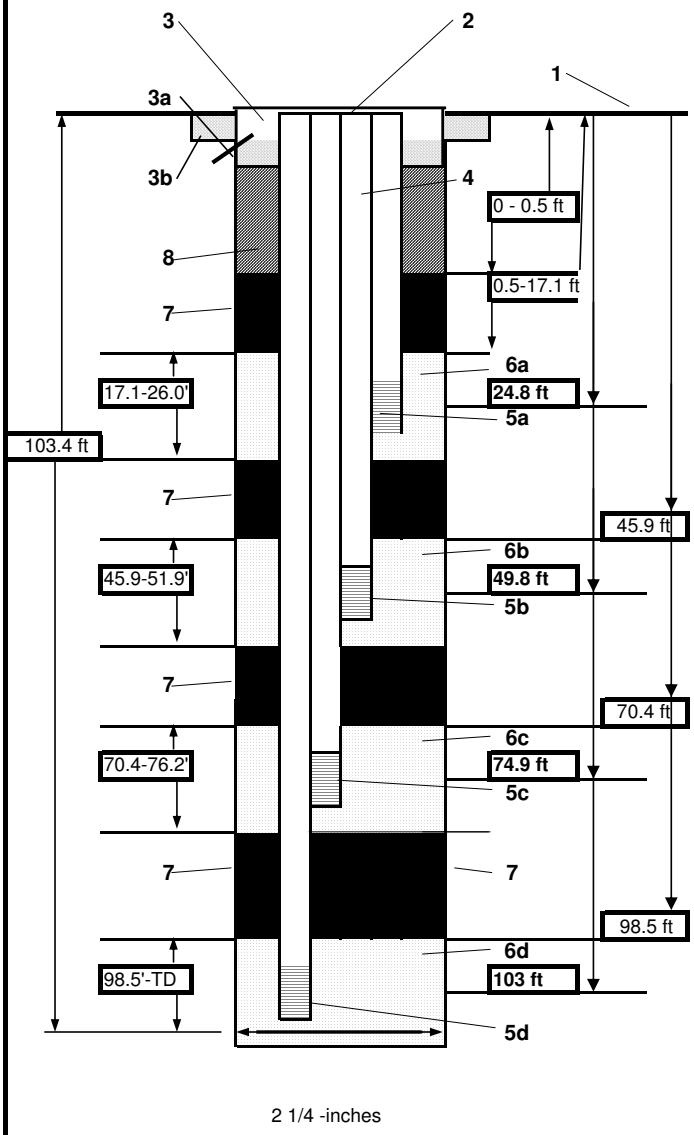
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, 650-ft South of Pad 5

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A START : Jan 29, 2009 END : Jan 29, 2009 LOGGER : T Arrowood



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover typ	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	4-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/3 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/2 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

103 ft point installed 1/20/09, sample purge = 1.6 min

75 ft point installed 1/20/09, sample purge = 1.2 min

50 ft point installed 1/20/09, sample purge = 0.79 min

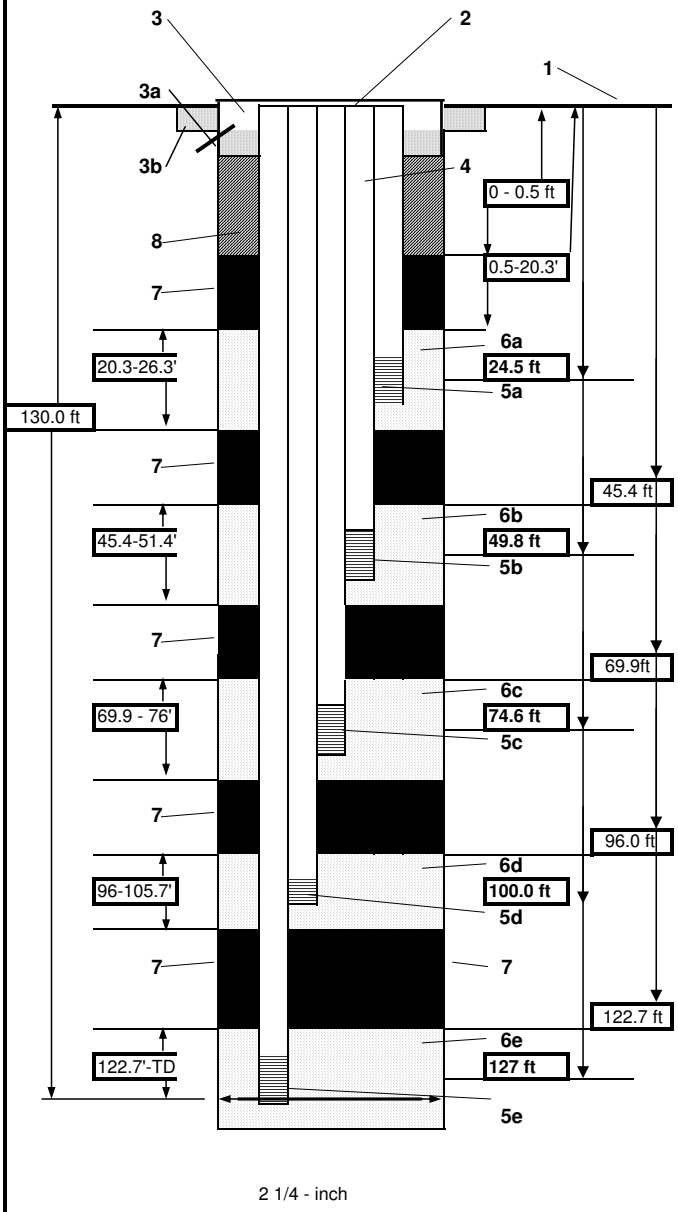
25 ft point installed 1/20/09, sample purge = 0.40 min

CH2MHILL

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-106	SHEET 1 OF 1

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, 650-ft N-NE of lagoons
DRILLING CONTRACTOR : Vista Geosciences/Dave West
DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing
WATER LEVELS : N/A START : Jan 24, 2009 END : Jan 24, 20(LOGGER : T Arrowood



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
5e	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/4 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6e	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/4 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Development method	N/A
	Development time	N/A
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

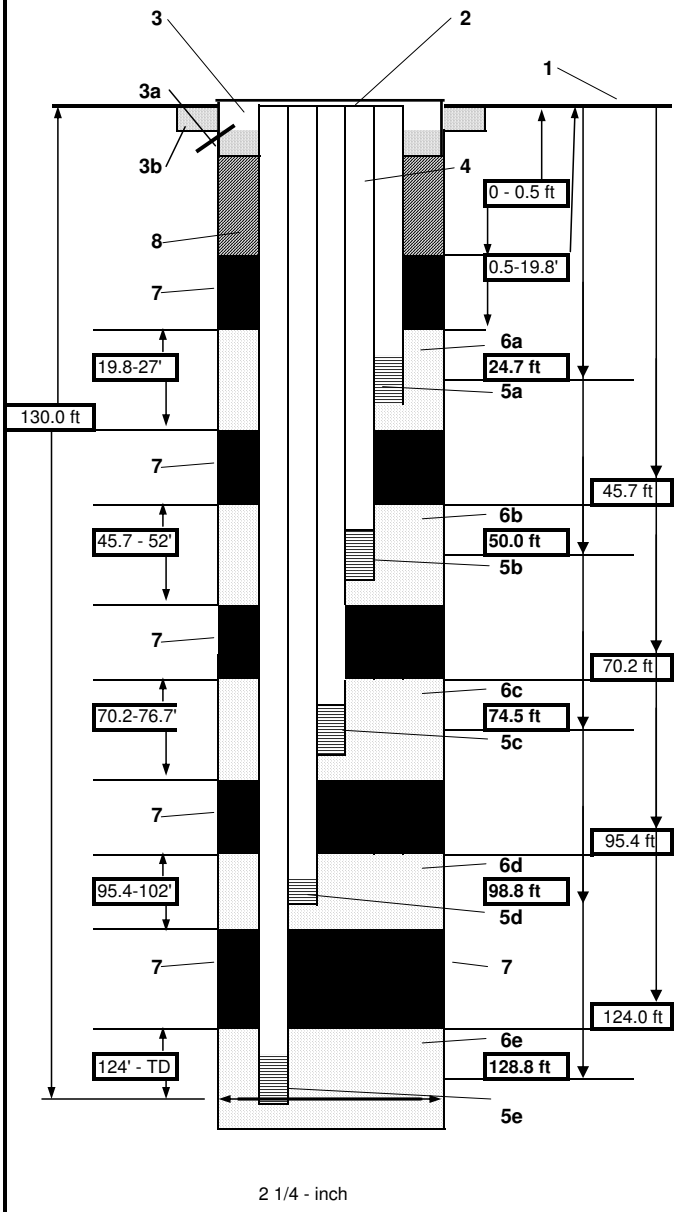
Comments
127 ft point installed 1/24/09, sample purge = 2.0 min
100 ft point installed 1/24/09, sample purge = 1.6 min
75 ft point installed 1/24/09, sample purge = 1.2 min
50 ft point installed 1/24/09, sample purge = 0.79 min
25 ft point installed 1/24/09, sample purge = 0.40 min

CH2MHILL

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-107	SHEET 1 OF 1

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, 750-ft N-NE of lagoons, near Pensylvania Ave and south of power sub-station.
DRILLING CONTRACTOR : Vista Geosciences/Dave West
DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing
WATER LEVELS : N/A START : Jan 26, 2009 END : Jan 26, 20(LOGGER : T Arrowood



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
5e	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/4 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6e	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/4 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Development method	N/A
	Development time	N/A
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

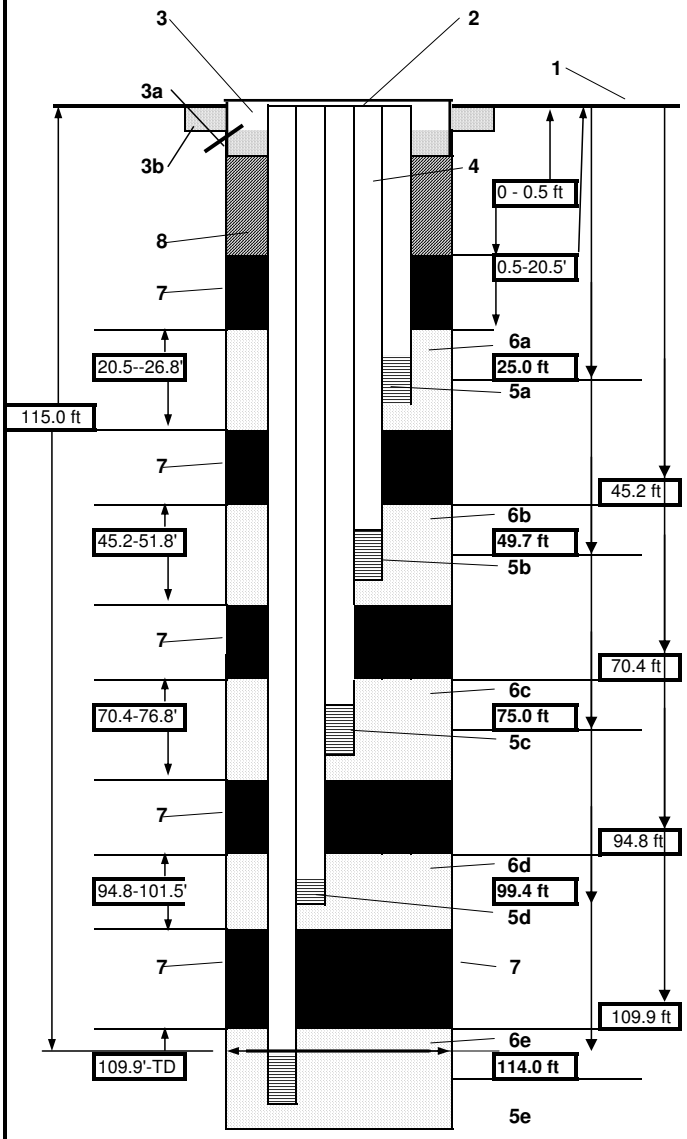
Comments
129 ft point installed 1/26/09, sample purge = 2.0 min
100 ft point installed 1/26/09, sample purge = 1.6 min
75 ft point installed 1/26/09, sample purge = 1.2 min
50 ft point installed 1/26/09, sample purge = 0.79 min
25 ft point installed 1/26/09, sample purge = 0.40 min

CH2MHILL

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-108	SHEET 1 OF 1

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, 750-ft east of lagoons, near Pensylvania Ave.
DRILLING CONTRACTOR : Vista Geosciences/Dave West
DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing
WATER LEVELS : N/A START : Jan 28, 2009 END : Jan 28, 20(LOGGER : T Arrowood



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover type	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
5e	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/4 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/4 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6e	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/2 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/4 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Development method	N/A
	Development time	N/A
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments
114 ft point installed 1/28/09, sample purge = 1.9 min
100 ft point installed 1/28/09, sample purge = 1.6 min
75 ft point installed 1/28/09, sample purge = 1.2 min
50 ft point installed 1/28/09, sample purge = 0.79 min
25 ft point installed 1/28/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-109	SHEET 1 OF 1

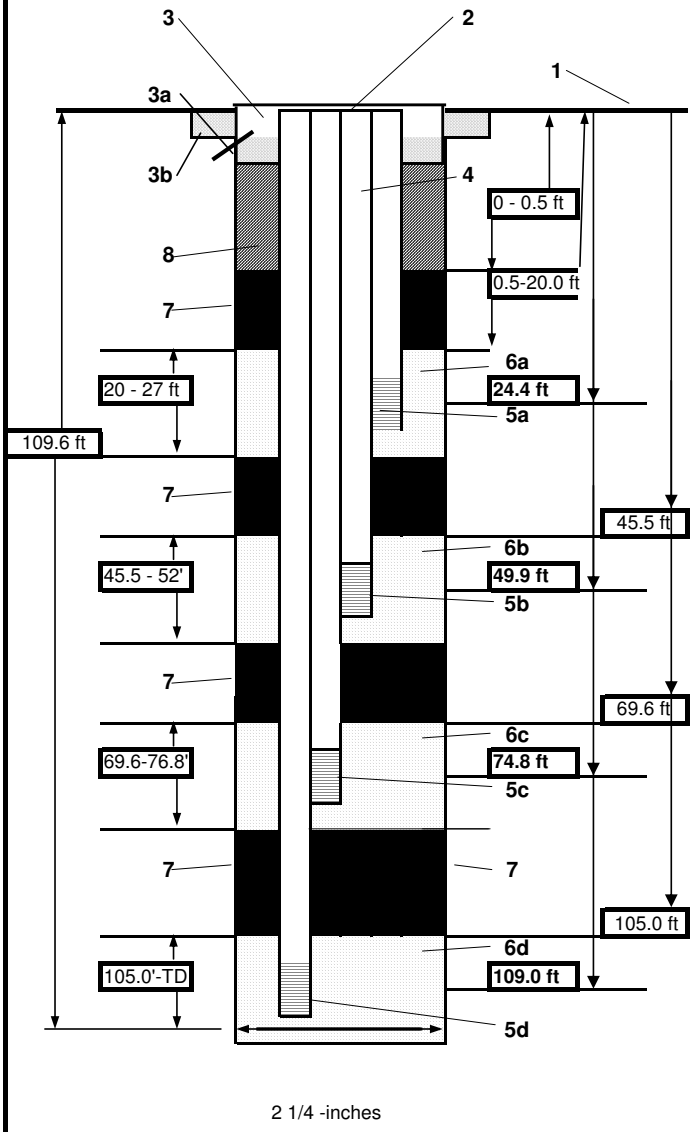
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 1 — LOCATION : KAFB Sewage lagoons, 250-ft S-SE of lagoons

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A — START : Jan 29, 2009 END : Jan 30, 2009 LOGGER : T Arrowood



1-	Ground elevation at well	5355 ft msl
2-	Top of casing elevation	5355 ft msl
	a) vent hole?	no
3-	Wellhead protection cover typ	6-in well box
	a) drain tube?	no
	b) concrete pad dimensions	14-in diameter
4-	Dia./type of well casing	1/8-in nylon tubing
5a	Type/slot size of screen	1/2-in diameter, 2-in long perferated point
5b	Type/slot size of screen	*same*
5c	Type/slot size of screen	*same*
5d	Type/slot size of screen	*same*
6a	Type screen filter/Quantity	10/20 Colorado sand/ 1/3 bag (50lb bag)
6b	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6c	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
6d	Type screen filter/Quantity	10/20 Colorado silica sand/ 1/3 bag
7-	Type of seal	Enviroplug #8 granular bentonite
	a/b/c/d/e) Quantity used	3 1/2 bags
8-	Grout	
	a) Grout mix used	none
	b) Method of placement	
	c) Vol. of well casing grout	
	Estimated purge volume	0.0053 min/ft at 300 mL/min for 1 volume

Comments

109 ft point installed 1/29/09, sample purge = 1.8 min

75 ft point installed 1/30/09, sample purge = 1.2 min

50 ft point installed 1/30/09, sample purge = 0.79 min

25 ft point installed 1/30/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER
356732.01.26.FI	SV-110 SHEET 1 OF 1

CH2MHILL

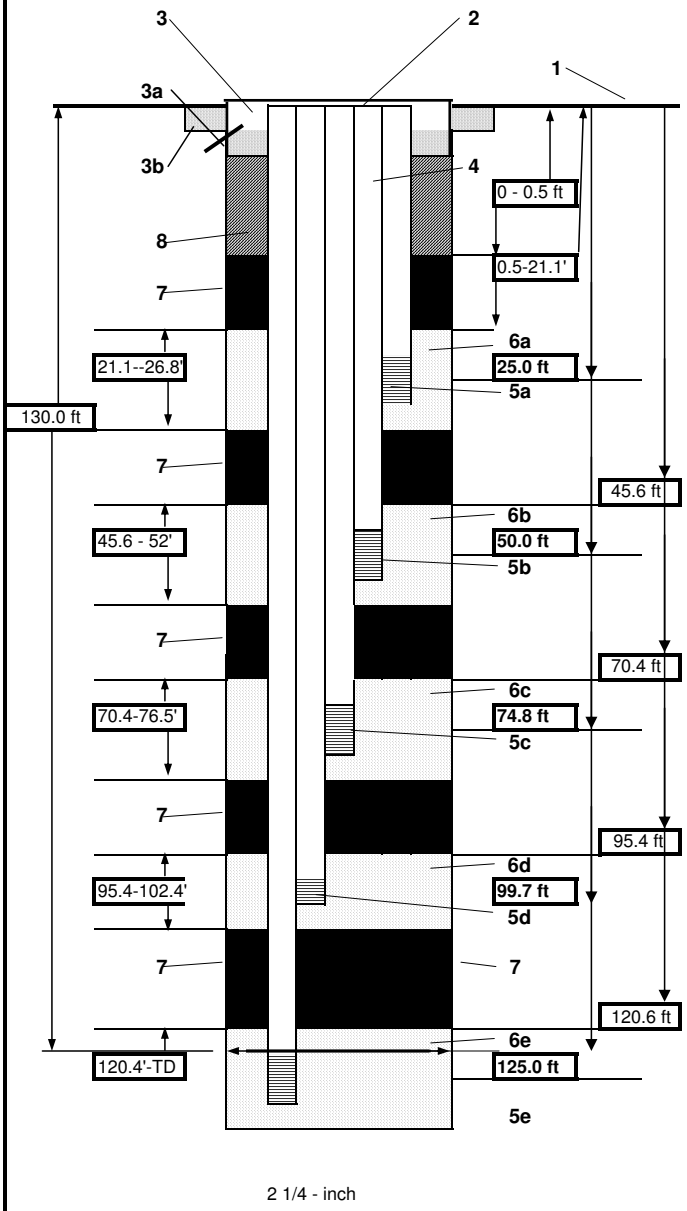
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT : WP-26 RFI, Phase 1 LOCATION : KAFB Sewage lagoons, 500-ft north of lagoons, northwest of SV-101

DRILLING CONTRACTOR : Vista Geosciences/Dave West

DRILLING METHOD AND EQUIPMENT USED : Geoprobe 6610DT with 2 1/4-in dual tube casing

WATER LEVELS : N/A START : Jan 30, 2009 END : Jan 31, 20(LOGGER : A Forsberg



1- Ground elevation at well: 5355 ft msl

2- Top of casing elevation: 5355 ft msl
a) vent hole? no

3- Wellhead protection cover type: 6-in well box
a) drain tube? no
b) concrete pad dimensions: 14-in diameter

4- Dia./type of well casing: 1/8-in nylon tubing

5a Type/slot size of screen: 1/2-in diameter, 2-in long perferated point
5b Type/slot size of screen: *same*
5c Type/slot size of screen: *same*
5d Type/slot size of screen: *same*
5e Type/slot size of screen: *same*

6a Type screen filter/Quantity: 10/20 Colorado sand/ 1/4 bag (50lb bag)
6b Type screen filter/Quantity: 10/20 Colorado silica sand/ 1/4 bag
6c Type screen filter/Quantity: 10/20 Colorado silica sand/ 1/3 bag
6d Type screen filter/Quantity: 10/20 Colorado silica sand/ 1/3 bag
6e Type screen filter/Quantity: 10/20 Colorado silica sand/ 1/3 bag

7- Type of seal: Enviroplug #8 granular bentonite
a/b/c/d/e) Quantity used: 3 1/2 bags

8- Grout
a) Grout mix used: none
b) Method of placement:
c) Vol. of well casing grout:

Development method: N/A

Development time: N/A

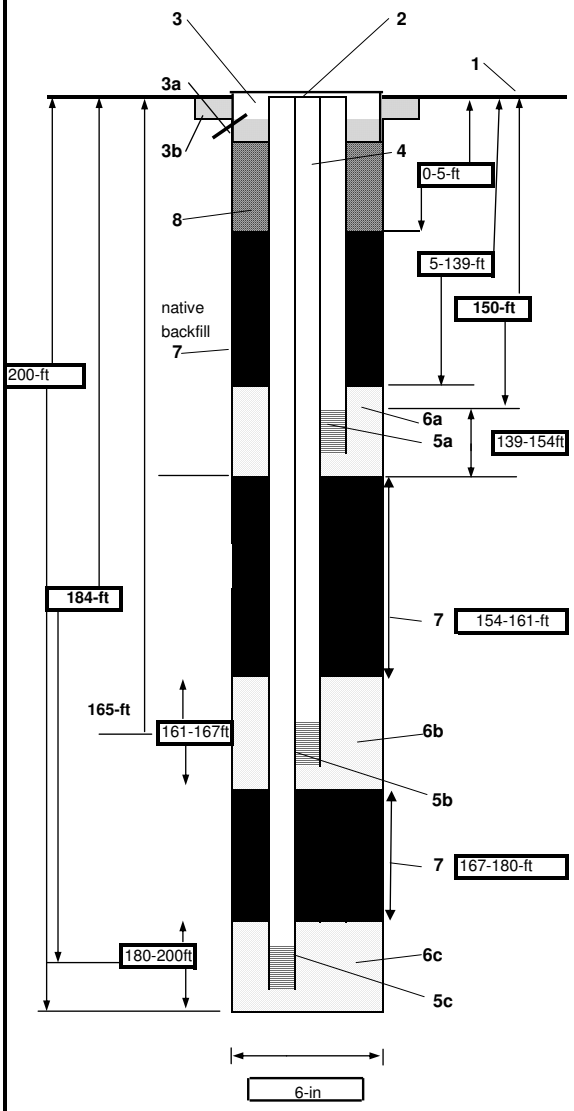
Estimated purge volume: 0.0053 min/ft at 300 mL/min for 1 volume

Comments
125 ft point installed 1/30/09, sample purge = 2 min
100 ft point installed 1/30/09, sample purge = 1.6 min
75 ft point installed 1/31/09, sample purge = 1.2 min
50 ft point installed 1/31/09, sample purge = 0.79 min
25 ft point installed 1/31/09, sample purge = 0.40 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-111	SHEET 1 OF 1

NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 2 — LOCATION : KAFB Sewage lagoons, ~900 ft S of Pad 5
DRILLING CONTRACTOR : WDC/Vista Geosciences
DRILLING METHOD AND EQUIPMENT USED HAS CME-75
WATER LEVELS : 193.58 — START : Feb 10, 2009 — END : Feb 12, '0(— LOGGER : T Arrowood



1- Ground elevation at well: 5355 ft msl

2- Top of casing elevation: 5355 ft msl
a) vent hole? no

3- Wellhead protection cover type 6-in well box
a) drain tube? no
b) concrete pad dimensions 18-in diameter

4- Dia./type of well casing: 1/8-in nylon tubing

5a Type/slot size of screen: 1/2-in diameter, 2-in long perferated point
5b Type/slot size of screen: *same*
5c Type/slot size of screen: *same*

6a Type screen filter/Quantity: 10/20 Colorado sand/ 2 bags (50lb bag)
6b Type screen filter/Quantity: 10/20 Colorado silica sand/ 1 bag
6c Type screen filter/Quantity: 10/20 Colorado silica sand/ 3 bags

7- Type of seal: Granular bentonite/medium bentonite chips
a) Quantity used: 8 bags

8- Grout
a) Grout mix used: N/A
b) Method of placement
c) Vol. of well casing grout

Development method: N/A

Development time: N/A

Estimated purge volume: 0.0053 min/ft at 300 mL/min for 1 volume

Comments
150 ft point installed 2/11/09, sample purge = 2.5 min
165 ft point installed 2/11/09, sample purge = 2.8 min
184 ft point installed 2/11/09, sample purge = 3.1 min

CH2MHILL

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	SV-112	SHEET 1 OF 1

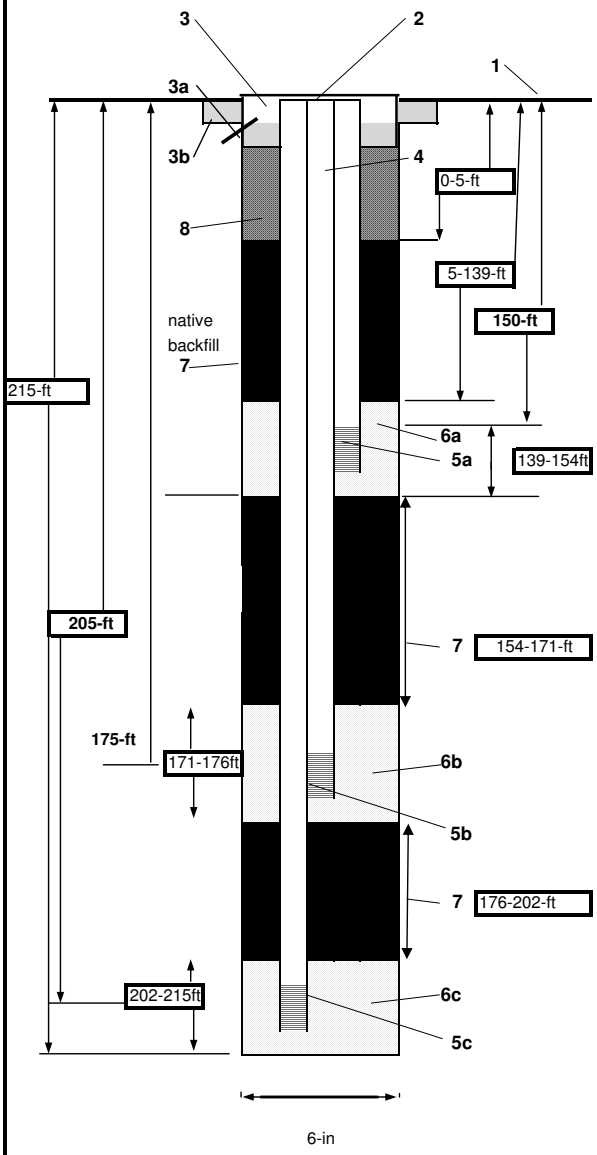
NESTED VAPOR POINT COMPLETION DIAGRAM

PROJECT WP-26 RFI, Phase 2 — LOCATION : KAFB Sewage lagoons, Adjacent to SV-107, east of Pennsylvania Rd, at bend.

DRILLING CONTRACTOR : WDC/Vista Geosciences

DRILLING METHOD AND EQUIPMENT USED HAS CME-75

WATER LEVELS : NE — START : Feb 12, 2009 — END : Feb 13, '09 — LOGGER : T Arrowood



1- Ground elevation at well: 5355 ft msl

2- Top of casing elevation: 5355 ft msl
a) vent hole? no

3- Wellhead protection cover type 6-in well box
a) drain tube? no
b) concrete pad dimensions 18-in diameter

4- Dia./type of well casing: 1/8-in nylon tubing

5a Type/slot size of screen: 1/2-in diameter, 2-in long perferated point
5b Type/slot size of screen: *same*
5c Type/slot size of screen: *same*

6a Type screen filter/Quantity: 10/20 Colorado sand/ 1.5 bags (50lb bag)
6b Type screen filter/Quantity: 10/20 Colorado silica sand/ 1 bag
6c Type screen filter/Quantity: 10/20 Colorado silica sand/ 3 bags

7- Type of seal: Granular bentonite/medium bentonite chips
a) Quantity used: 8 bags

8- Grout
a) Grout mix used: N/A
b) Method of placement
c) Vol. of well casing grout

Development method: N/A

Development time: N/A

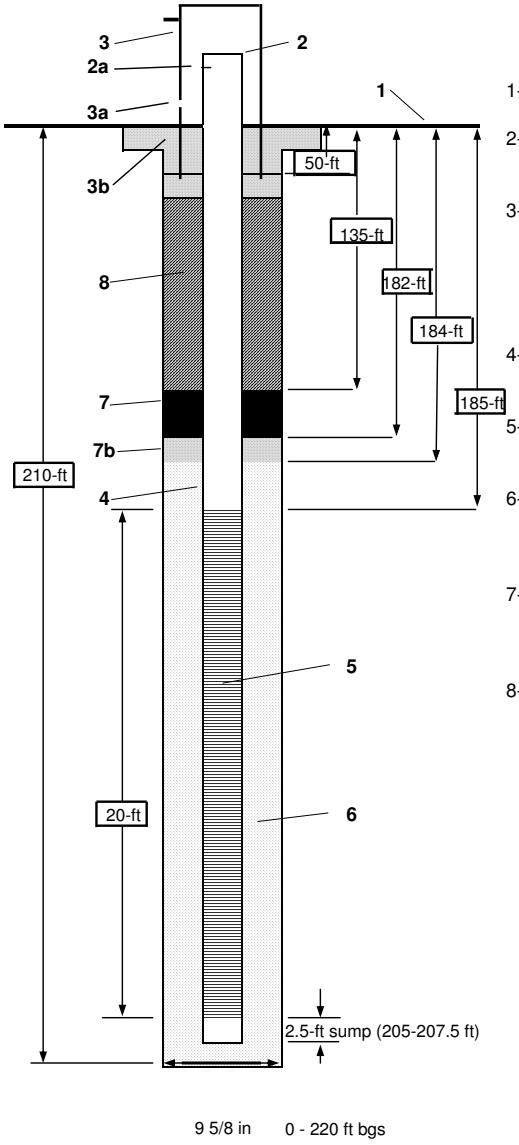
Estimated purge volume: 0.0053 min/ft at 300 mL/min for 1 volume

Comments
150 ft point installed 2/13/09, sample purge = 2.5 min
175 ft point installed 2/13/09, sample purge = 3 min
205 ft point installed 2/13/09, sample purge = 3.5 min

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	KAFB-2625	SHEET 1 OF 1

WELL COMPLETION DIAGRAM

PROJECT : WP-26 LOCATION : West of former Sewage Lagoons, KAFB Driller: Javier Leon
DRILLING METHOD AND EQUIPMENT USED: Air Rotary Casing Hammer; Speedstar 50K DRILLING CONTRACTOR : WDC Exploration & Wells
TOP OF CASING ELEVATION: 5356.59 in NAVD88 WATER LEVEL 195.09 ft bgs START: 2/27/09 12:30 END: 2/28/09 12:00
COORDINATES: 1468574.06 ft N;1,1546157.96 ft E, New Mexico State Plane, Central Zone, NAD83 LOGGER : A. Forsberg



1- Ground elevation at well	5354 ft msl (approximate)
2- Top of casing elevation	5356.59 PVC/5357.82 Steel riser (in ft msl)
a) vent hole?	no
3- Wellhead protection cover type	locking above ground 8 inch diameter
	steel monument
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
	land surface to 50 ft bgs
4- Dia./type of well casing	4-in schedule 80 Monoflex PVC
5- Type/slot size of screen	Monoflex schedule 80 - 0.010 inch slot
	20 ft screen, from 185 ft to 205 ft bgs
6- Type screen filter	10/20 Colorado Silica Sand
a) Quantity used	28 bags; from 184 ft to 210 ft
a) Transition sand	2 bags 20/40 sand; from 182 ft to 184 ft
7- Type of seal	hydrated bentonite chips
a) Quantity used	31 bags; 135 ft to 182 ft bgs
8- Grout	
a) Grout mix used	bentonite quick-grout/neat cement grout
b) Method of placement	tremmie bentonite grout/hose tremmie cement grout
c) Vol. of well casing grout	56.7 ft^3., 58 ft to 135 ft bgs/27 ft^3 0-50 ft bgs
Development method	bail, swab, bail, pump
Development time	see developmemt log
Development purge volume	see development log

Comments Formation collapses at bottom of hole (216-220 ft bgs)
Holeplug bentonite chips (4 bags) below filter pack at 210-216 ft bgs
Bentonite slurry grout 135 to 58 feet, then bentonite chips used from 58-50 ft bgs
Neat cement grout is 0-50 ft bgs (16 bags portland cement)

Not to scale

CH2MHILL	PROJECT NUMBER	BORING NUMBER	
	356732.01.26.FI	KAFB-2625	SHEET 1 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1468574.06 ft N;1,1546157.96 ft E; west of sewage lagoons
ELEVATION : 5354 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVEL : 195.09' bgs **START :** 2/25/09 1030 **END:** 2/28/09 12:00 **LOGGER :** T. Arrowood, A.Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
10	10	NA	CT		Silt w/ Sand and Gravel (ML), light brown (5YR 6/3), dry, no plasticity, ~15% sand, 20% gravel	
20	20	NA	CT		Silt (ML), brown, (7.5YR 5/4), dry, no plasticity, ~15% sand, 10% clay, 3% gravel	
30	30	NA	CT		As above	
40	40	NA	CT		Silt (ML), brown, (7.5YR 4/4), damp, no plasticity, ~15% sand, minor clay, no gravel	
50	50	NA	CT		Silt (ML), brown, (7.5YR 5/4), dry, no plasticity, ~10% sand, minor clay	
60	60	NA	CT		As above	
70	70	NA	CT		Silt + Lean Clay (ML+ CL), brown, (5YR 4/4), damp, low plasticity, ~5% sand, ~25% clay	
80	80	NA	CT		As above	

* - All PID readings in headspace unless otherwise noted
- PID -- photoionization detector
- ppm -- parts per million

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
356732.01.26.FI	KAFB-2625	SHEET 2 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1468574.06 ft N;1,1546157.96 ft E; west of sewage lagoons
ELEVATION : 5354 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVELS : 195.09' bgs **START :** 2/25/09 1030 **END:** 2/28/09 12:00 **LOGGER :** T. Arrowood, A.Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
90	90	NA	CT		Silt + Lean Clay (ML+CL), brown, (7.5YR 5/4), dry, low plasticity, ~5% sand, 25% clay	
100	100-102		SS		As above w/ ~35% clay, 0% sand	PID = 0.4 ppm, Split spoon collected at 1550
	102-110	NA	CT		As above	**END 2/25/09 - START 2/26/09**
110	110	NA	CT		As above	
120	120-122		SS		As above	PID = 1.3 ppm, Split spoon collected at 0918
	122-130	NA	CT		As above	
130	130	NA	CT		As above	
140	140-142		SS		Lean clay (CL), brown, (7.5YR 5/4), dry-damp, low plasticity, abundant silt present (~45% silt)	PID = 3.0 ppm, Split spoon collected at 1041
	142-150	NA	CT		As above	
150	150	NA	CT		As above w/ ~40% silt	
160	160-162		SS		As above	PID = 1.5 ppm, Split spoon collected at 1134
	162-170	NA	CT		As above	* - All PID readings in headspace unless otherwise noted - PID -- photoionization detector - ppm -- parts per million

CH2MHILL	PROJECT NUMBER	BORING NUMBER	
	356732.01.26.FI	KAFB-2625	SHEET 3 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1468574.06 ft N;1,1546157.96 ft E; west of sewage lagoons
ELEVATION : 5354 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVELS : 195.09' bgs **START :** 2/25/09 1030 **END:** 2/28/09 12:00 **LOGGER :** T. Arrowood, A.Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
170	170	NA	CT		As above	
180	180-182		SS		Lean clay (CL), brown, (7.5YR 5/4), dry-damp, low plasticity, abundant silt present (~45% silt)	PID = 1.5 ppm, Split spoon collected at 1338
	182-190	NA	CT		Poorly Graded Sand (SP), brown, (7.5YR 5/6), dry to slightly damp, fine sand.	
190	190	NA	CT		Silt w/ Sand (ML), brown, (7.5YR 5/6), dry, low to no plasticity, med sand	
200	200-202		SS		Lean clay (CL), brown, (7.5YR 5/4), dry-damp, low plasticity, abundant silt (~45% silt)	PID = 1.5 ppm, Split spoon collected at 1722 Sample **WP26-SO-2625-140** at 1728 Sample **WP26-SO-2625-160** at 1733 Sample **WP26-SO-2625-180** at 1737 Sample **WP26-SO-2625-200** at 1742 Sample **WP26-SO-2625-180-99** at 1746 Sample **WP26-SO-2625-200 MS/MSD** at 1753
	202-210	NA	CT		Lean clay (CL), brown, (7.5YR 5/4), wet, med plasticity, abundant silt, 2% med gravel, 10% fine sand	
210	210	NA	CT			**END 2/26/09 - START 2/27/09**
						PID= 1.3 ppm @ 213
216					Poorly Graded Sand (SP), brown, (7.5YR 5/4), damp, fine sand.	PID= 1.3 ppm @ 216
220	220-222		SS		As above	PID = 1.9 ppm, S**ample WP26-SO-2625-0220** collected at 1025
					TOTAL DEPTH - 220' bgs	**End Of Log** water level at 195.09 bgs

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	KAFB-2626	SHEET 1 OF 1

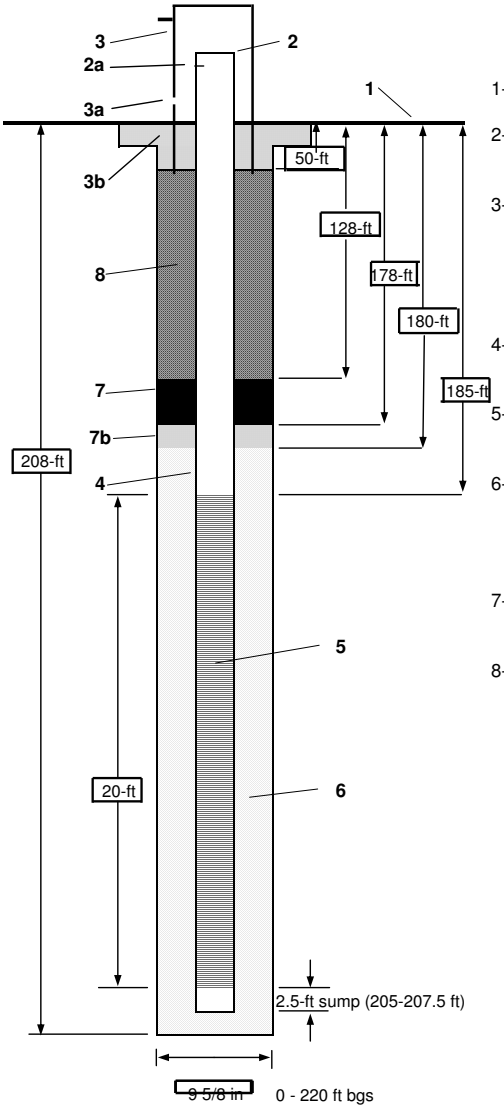
WELL COMPLETION DIAGRAM

PROJECT : WP-26 LOCATION : West of former Sewage Lagoons, KAFB Driller: Javier Leon

DRILLING METHOD AND EQUIPMENT: Air Rotary Casing Hammer; Speedstar 50K DRILLING CONTRACTOR : WDC Exploration & Wells

TOP OF CASING ELEVATION: 5357.51 ft msl in NAVD88 WATER LEVEL 200.51 ft bgs START: 2/22/09 09:00 END: 2/22/09 17:40

COORDINATES: 1469219.78 ft N;1, 1545655.89 ft E, New Mexico State Plane, Central Zone, NAD83 LOGGER : T. Arrowood



1- Ground elevation at well	5355.5 ft msl (approximate)
2- Top of casing elevation	5357.51 PVC/5358.82 Steel riser (in ft msl)
a) vent hole?	no
3- Wellhead protection cover type	locking above ground 8 inch diameter steel monument
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards land surface to 50 ft bgs
4- Dia./type of well casing	4" schedule 80 Monoflex PVC
5- Type/slot size of screen	Monoflex schedule 80 - 0.010 inch slot 20 ft screen, from 185 ft to 205 ft bgs
6- Type screen filter	10/20 Colorado Silica Sand
a) Quantity used	30 bags; from 180 ft to 208 ft
b) Transition Sand	2 bags 20/40 Colorado silica sand (178-180 ft)
7- Type of seal	hydrated bentonite chips
a) Quantity used	47 bags; 128 ft to 178 ft bgs
8- Grout	
a) Grout mix used	bentonite quick-grout/neat cement grout
b) Method of placement	tremmie bentonite grout/hose tremmie cement grout
c) Vol. of well casing grout	55.92 ft^3., 52 to 128 ft bgs/33 ft^3, 0 to 50 ft bgs
Development method	bail, swab, bail, pump
Development time	see developmemt log
Development purge volume	see development log

Comments

Bottom of hole backfilled with medium bentonite chips (19 bags), 208-220 ft bgs

Bentonite slurry grout 128 to 52 feet, then bentonite chips used from 52-50 ft bgs

Neat cement grout is 0-50 ft bgs (20 bags portland cement)

Not to scale

CH2MHILL	PROJECT NUMBER	BORING NUMBER	
	356732.01.26.FI	KAFB-2626	SHEET 1 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1469219.78 ft N;1, 1545655.89 ft E; west of sewage lagoons
ELEVATION : 5355.5 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVEL : 200.51' bgs **START :** 2/20/09 1025 **END:** 2/22/09 17:40 **LOGGER :** T. Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
					Silt (ML), light brown (5YR 5/4), dry, no plasticity, ~10% coarse sand	
10	10	NA	CT		Silt (ML), light brown (5YR 5/4), dry, no plasticity	
20	20	NA	CT		As above	
30	30	NA	CT		As above	
40	40	NA	CT		Lean Clay + Silt (CL+ML), brown (7.5YR 5/4), dry, low plasticity	
50	50	NA	CT		As above w/ coloring of 5YR5/4	
60	60	NA	CT		Lean clay + Silt (CL+ML), brown (7.5YR 5/4), dry, low plasticity, ~10% coarse sand and gravel	
70	70	NA	CT		As above w/ ~2% sand-gravel	
80	80	NA	CT		Lean clay +Silt (CL+ML), brown (7.5YR 5/4), dry, low plasticity, ~10% coarse sand and gravel	* - All PID readings in headspace unless otherwise noted - PID -- photoionization detector - ppm -- parts per million

CH2MHILL	PROJECT NUMBER	BORING NUMBER	
	356732.01.26.FI	KAFB-2626	SHEET 2 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1469219.78 ft N;1, 1545655.89 ft E; west of sewage lagoons
ELEVATION : 5355.5 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVELS : 200.51' bgs **START :** 2/20/09 1025 **END:** 2/22/09 17:40 **LOGGER :** T. Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
90	90	NA	CT		As above	
100	100-102	6,0,0	SS		Lean Clay + Silt (CL+ML), brown (7.5YR 5/4), dry, low plasticity, ~10% coarse sand and gravel	PID = 0.5 ppm, Split spoon collected at 1455
	102-110	NA	CT		As above	
110	110	NA	CT		As above w/ coloring of 5YR 5/4	
120	120-122	6,0,0	SS		Lean Clay + Silt (CL+ML), brown (7.5YR 5/4), dry, low plasticity, ~10% coarse sand and gravel	PID = 0.2 ppm, Split spoon collected at 1612
	122-130	NA	CT		As above w/ coloring of 5YR 5/4	
130	130	NA	CT		Silt with Sand (ML), brown (7.5YR 5/4), dry, no plasticity, ~25% sand	
140	140-142	3,0,0 3,0,0	SS		Lean Clay (CL), brown (5YR 5/4), dry, low plasticity, stiff, abundant silt (~30%), 20% gravel	PID = 0.2 ppm, Split spoon collected at 1750 **END 2/20/09 - START 2/21/09**
	142-150	NA	CT		As above w/ coloring of 7.5YR 5/4	
150	150	NA	CT		Lean Clay (CL), brown (10YR 5/4), dry, low plasticity, stiff, abundant silt (~40%)	
160	160-162		SS		As above, bits of red rubber in sample from drill rig	PID = 0.4 ppm, Split spoon collected at 0850
	162-170	NA	CT		Silt (ML), brown (7.5YR 4/4), damp, ~25% clay, ~5% sand	* - All PID readings in headspace unless otherwise noted - PID -- photoionization detector - ppm -- parts per million

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
356732.01.26.FI	KAFB-2626	SHEET 3 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1469219.78 ft N;1, 1545655.89 ft E; west of sewage lagoons

ELEVATION : 5355.5 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon

DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K

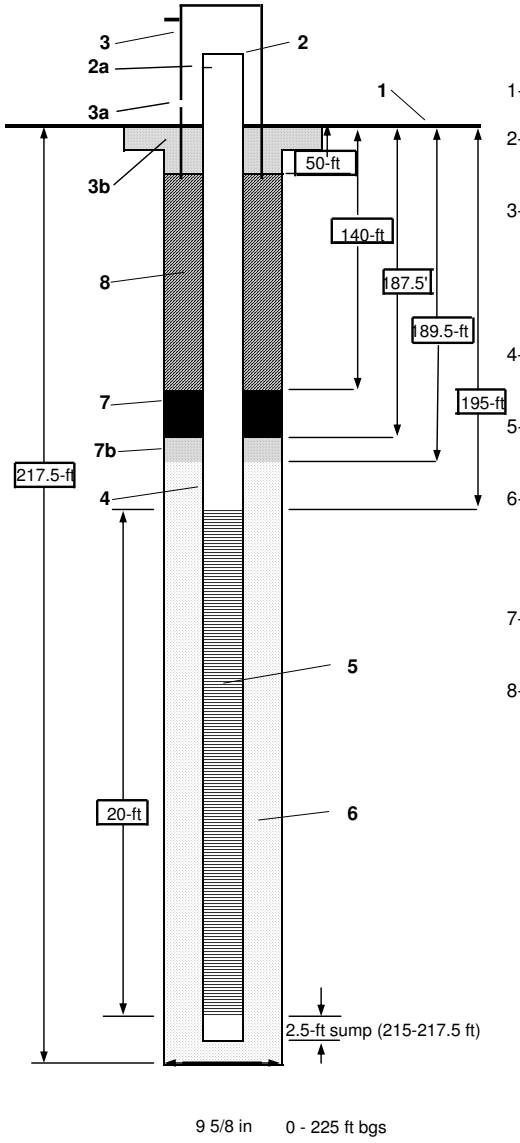
WATER LEVELS : 200.51' bgs **START :** 2/20/09 1025 **END:** 2/22/09 17:40 **LOGGER :** T. Arrowood

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
170	170	NA	CT		Silt as above	
180	180-182		SS		Lean clay (CL), brown (5YR 5/4), moist, medium plasticity, ~10% silt	PID = 2.4 ppm, Split spoon collected at 1017
	182-190	NA	CT		Lean clay (CL), brown (5YR 5/4), moist, med plasticity, abundant silt (~35%)	
190	190	NA	CT		Lean clay(CL), brown (5YR 5/4), moist, high plasticity, with silt (~30%)	
200	200-202		SS		As above w/ ~10% gravel	PID = 1.5 ppm, Split spoon collected at 1136
	202-210	NA	CT		As above but damp	
210	210	NA	CT		Sandy Silt (ML), brown (7.5YR 6/4), dry, no plasticity, ~40% sand	Sample **WP26-SO-2626-100** at 1620 Sample **WP26-SO-2626-160** at 1625 Sample **WP26-SO-2626-180** at 1631 Sample **WP26-SO-2626-200** at 1634
220	220-222		SS		Poorly Graded Sand with Silt (SP-SM), brown (7.5YR 6/4), dry, ~10% silt **TOTAL DEPTH - 220' bgs**	**End Of Log** water level at 200.51 bgs

PROJECT NUMBER	WELL NUMBER	
356732.01.26.FI	KAFB-2627	SHEET 1 OF 1

WELL COMPLETION DIAGRAM

PROJECT : WP-26 RFI LOCATION : Northeast of former sewage laggons, KAFB Driller: Javier Leon
DRILLING METHOD AND EQUIPMENT: Air Rotary Casing Hammer; Speedstar 50K DRILLING CONTRACTOR : WDC Exploration & Wells
TOP OF CASING ELEVATION: 5367.47 ft msl in NAVD88 WATER LEVEL Dry START: 3/2/09 09:00 END: 3/2/09 16:15
COORDINATES: 1469876.30 ft N;1, 1547246.35 ft E, New Mexico State Plane, Central Zone, NAD83 LOGGER : T. Arrowood



1- Ground elevation at well	5365.5 ft msl (approximate)
2- Top of casing elevation	5367.47 PVC/5368.46 Steel riser (in ft msl)
a) vent hole?	no
3- Wellhead protection cover type	locking above ground 8 inch diameter
	steel monument
a) weep hole?	no
b) concrete pad dimensions	4' x 4' with 4 concrete filled bollards
	land surface to 50 ft bgs
4- Dia./type of well casing	4" schedule 80 Monoflex PVC
5- Type/slot size of screen	Monoflex schedule 80 - 0.010 inch slot
	20 ft screen, from 195 ft to 215 ft bgs
6- Type screen filter	10/20 Colorado Silica Sand
a) Quantity used	29 bags; from 189.5 ft to 217.5 ft
b) Transition Sand	2 bags 20/40 Colorado silica sand; 187.5-189.5 ft
7- Type of seal	hydrated bentonite chips
a) Quantity used	34 bags; 140 ft to 187.5 ft bgs
8- Grout	
a) Grout mix used	bentonite quick-grout/neat cement grout
b) Method of placement	tremmie bentonite grout/hose tremmie cement grout
c) Vol. of well casing grout	66.3 ft^3., 52 to 140 ft bgs/30 ft^3, 0 to 50 ft bgs
Development method	N/A
Development time	N/A
Development purge volume	N/A

Comments Formation collapse 200 to 225 ft.
Bottom of hole (220-217.5 ft) filled with bentonite chips, 2 bags
Transition sand from 187.5 ft to 189.5 ft bgs.
Bentonite slurry grout 140 to 52 feet, then bentonite chips used from 52-50 ft bgs
Neat cement grout is 0-50 ft bgs (18 bags portland cement)

Not to scale

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
356732.01.26.FI	KAFB-2627	SHEET 1 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1469876.30 ft N;1, 1547246.35 ft E; Northeast of sewage lagoons
ELEVATION : 5365.5 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVEL : dry **START :** 2/28/09 15:00 **END:** 3/02/09 16:15 **LOGGER :** A. Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
					Silt (ML), pink (7.5YR 8/4), dry, no plasticity, 5-7% medium sand	PID = 0.4 ppm
10	10	NA	CT		Silty Sand (SM), brown (7.5YR 5/4), dry, no plasticity, 5% fine to medium gravel	PID = 0.0 ppm
20	20	NA	CT		Silt (ML), yellowish red (5YR 4/6), dry, low to no plasticity, 5% medium sand	PID = 0.4 ppm
30	30	NA	CT		As above	PID = 0.3 ppm
40	40	NA	CT		Well Graded Gravel with Silt (GW-GM), reddish brown (5YR 5/3), dry, angular, no plasticity fines	PID = 0.2 ppm Add water during drilling
50	50	NA	CT		Silt (ML), yellowish red (5YR 4/6), dry, low to no plasticity, 10% medium rounded gravel	PID = 0.3 ppm
60	60	NA	CT		Silt (ML), yellowish red (5YR 4/6), dry, low to no plasticity, 2% medium subangular gravel	**END 2/28/09 - START 3/01/09**
70	70	NA	CT		Silt (ML), brown (7.5YR 5/4), dry, low to no plasticity, 7-10% coarse sand	PID = 0.1 ppm
80	80	NA	CT		Silt with Sand (ML), brown (7.5YR 4/6), dry, no plasticity, 15% well-graded sand, 2% angular medium gravel.	PID = 0.0 ppm * - All PID readings in headspace unless otherwise noted - PID -- photoionization detector - ppm -- parts per million

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
356732.01.26.FI	KAFB-2627	SHEET 2 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1469876.30 ft N;1, 1547246.35 ft E; Northeast of sewage lagoons
ELEVATION : 5365.5 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVELS : dry **START :** 1/0/1900 **END:** 3/02/09 16:15 **LOGGER :** A. Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
90	90	NA	CT		Poorly Graded Sand (SP), strong brown (7.5YR 5/6), dry, 5-7% medium to coarse sand.	PID = 0.4 ppm
100	100-102	6,0,0	SS	6-9-17	Silt with Sand (ML), stong brown (7.5YR 5/6), dry, firm, no plasticity, 15% well-graded sand.	PID = 0.5 ppm, Split spoon collected at 11:14
	102-110	NA	CT		Well Graded Sand (SW), light brown (7.5YR 6/4), dry	
110	110	NA	CT		Silt (ML), stong brown (7.5YR 5/6), dry, no plasticity, 5% medium sand.	
120	120-122	6,2,0	SS	18-45	Silty Sand (SM). strong brown (7.5YR 5/6), dry, dense, non-plastic fines.	PID = 1.2 ppm, Split spoon collected at 11:59
	122-130	NA	CT		As above	
130	130	NA	CT		As above but damp	PID = 1.6 ppm
140	140-142	6,2,0	SS	22-50	Well Graded Sand with Silt (SW-SM), brown (7.5YR 5/3), damp, dense, 2% fine gravel	PID = 15.4 ppm, Split spoon collected
	142-150	NA	CT			
150	150	NA	CT		Silt (ML), stong brown (7.5YR 5/6), dry, no plasticity, 2% medium sand.	PID = 53.7 ppm
160	160-162	6,2,0	SS	25-60	Silty Sand (SM). strong brown (7.5YR 4/6), dry, hard, fine sand with 7% medium sand, 2% fine gravel.	PID = 26.2 ppm, Split spoon sample **WP26-SO-2627-0160** collected at 1604
	162-170	NA	CT		Silt (ML), reddish yellow (7.5YR 6/6), dry, low to no plasticity.	* - All PID readings in headspace unless otherwise noted - PID -- photoionization detector - ppm -- parts per million

CH2MHILL

PROJECT NUMBER	BORING NUMBER	
356732.01.26.FI	KAFB-2627	SHEET 3 OF 3

SOIL BORING LOG

PROJECT : WP-26 RFI **LOCATION :** 1469876.30 ft N;1, 1547246.35 ft E; Northeast of sewage lagoons
ELEVATION : 5365.5 ft msl DRILLING CONTRACTOR : Water Development Corporation/ Javier Leon
DRILLING METHOD AND EQUIPMENT USED : Air Rotarty Casing Hammer; Speedstar 50K
WATER LEVELS : dry **START :** 1/0/1900 **END:** 3/02/09 16:15 **LOGGER :** A. Forsberg

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (IN)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	CORE DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
						PID = 21 ppm
170	170	NA	CT		Silt as above, but damp, and with 10% medium sand	PID = 56.9 ppm
180	180-182	6,6,0	SS	22-60	Well Graded Sand with Silt (SW-SM), strong brown (7.5YR 5/4), damp, dense.	PID = 41 ppm, Split spoon sample **WP26-SO-2627-0180** collected at 1558
	182-190	NA	CT		As above but moist	
190	190	NA	CT		Silty Sand (SM). brown (7.5YR 5/4), moist, well graded sand, non-plastic fines.	PID = 62.0 ppm
200	200-202	6,6,6	SS	12-32-48	Lean Clay (CL). brown (7.5YR 5/4), moist, hard, medium plasticity.	PID = 25.2 ppm, Split spoon sample **WP26-SO-2627-0200** collected
	202-210	NA	CT		As above but with low plasticity (approximatley 30-40% silt)	PID = 27.2 ppm
210	210	NA	CT		As above	
220	220-222	6,6,6	SS	20-29-40	Lean Clay (CL). brown (7.5YR 4/4), moist, hard, medium plasticity. **TOTAL DEPTH - 220' bgs**	PID = 6.0 ppm **End Of Log** No water in borehole

Photo 1: Direct push drilling set up with Geoprobe™ 6600DT rig.

Photo 2: Measurements were made inside and outside drill pipe to confirm depth of drilling, and depths to which soil vapor monitoring point materials were emplaced.

Photo 3: Soil vapor monitoring point construction and materials.

Photo 4: Hydration of bentonite seals performed by pumping to depth with low-flow peristaltic pump, and by pouring for near surface hydration.

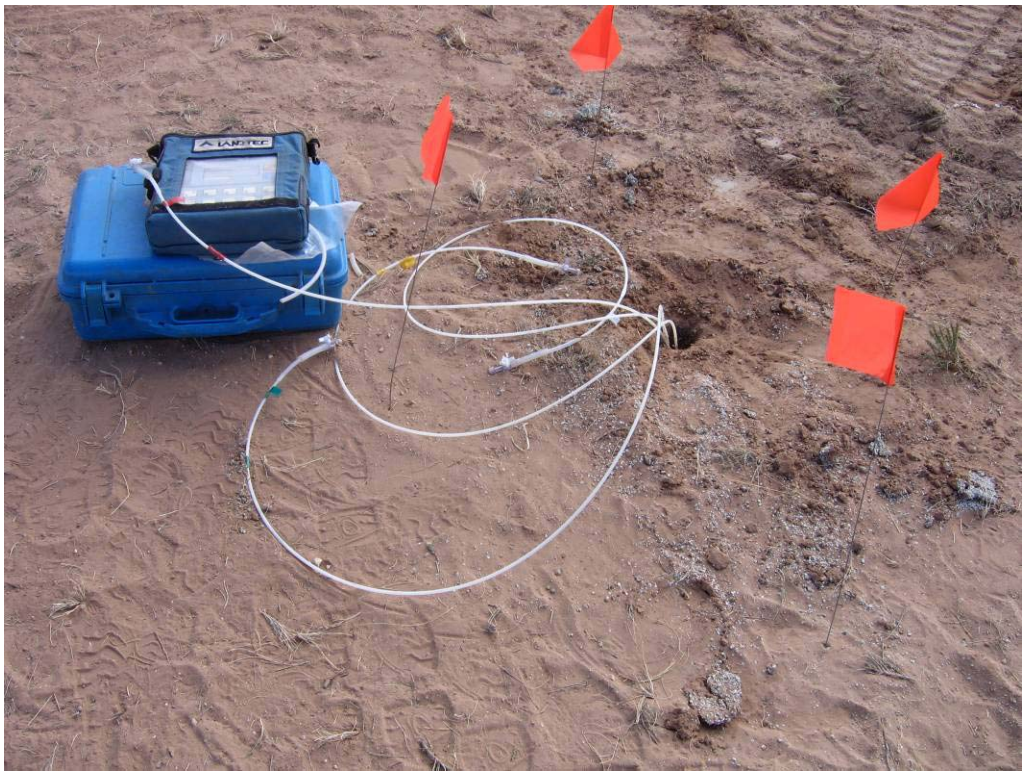


Photo 5: Purging and sampling of soil gas with Lantec GEM 500 instrument and syringes. Vapor monitoring point nests were subsequently completed in standard monitoring well road rated boxes.

CH2M HILL
4041 Jefferson Plaza NE
Suite 200
Albuquerque, NM 87109
Tel 505.884.5600
Fax 505.883.7507

17 April 2009

VIA EMAIL

Mr. Steve Kitt
377 MSG/CEANC
2050 Wyoming Boulevard SE
Kirtland AFB, NM 87117-5270

Reference: USACE Tulsa Corps Contract No. W912BV-04-D-2006, Task Order 0010

Subject: Disposal of Soil Drill Cuttings - SV-111 and SV-112 soil vapor wells and KAFB-2625, KAFB-2626, KAFB-2627, and KAFB-6243 monitoring well drill cuttings, Solid Waste Management Units WP-26, Sewage Lagoons and 6-24, Manzano Sewage Treatment Facility (WP-16), Kirtland Air Force Base, New Mexico

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 February through March of 2009, CH2M HILL conducted drilling operations in association with the ongoing Solid Waste Management Unit (SWMU) WP-26, Sewage Lagoons and SWMU 6-24, Manzano Sewage Treatment Facility (WP-16) groundwater investigation. Two soil vapor wells and four groundwater monitoring wells were completed in this time frame. Drilling activities at these two sites generated approximately 80 cubic yards of soil which are stored in four 20-cubic yard roll-off containers. All soil vapor monitoring points and groundwater monitoring wells were installed outside of the boundaries of the SWMUs. Soil contamination was not expected at these locations. Three composite soil samples were collected and analyzed for Toxic Characteristic Leaching Procedures (TCLP) semi-volatile organic compounds (SVOCs), TCLP volatile organic compounds (VOCs), TCLP metals, TCLP mercury, TCLP chlorinated herbicides, and TCLP pesticides.

Table 1 (Attachment 1) presents a summary of the reportable concentrations from the TCLP analyses of the composite samples collected from the SV-111 and SV-112 soil vapor wells and KAFB-2625, KAFB-2626, KAFB-2627, and KAFB-6243 monitoring well drill cuttings. (Laboratory analytical results are also presented in Attachment 2.) Low concentrations of barium, chromium, lead, and methoxychlor were detected far below TCLP regulatory levels. The locations of these wells are not adjacent to, or directly down-gradient of fuel or other total petroleum hydrocarbon (TPH) contaminated soil and groundwater, therefore these soils are not expected to be affected by TPH. Additionally, field screening with a photoionization detector and VOC analytical data did not indicate soil or groundwater contamination by TPH.

Mr. Steve Kitt
377 MSG/CEANR
17 April 2009

Please review the attached analytical data and determine if the soil is suitable for disposal at the Kirtland AFB C&D landfill. The roll-off dumpsters are owned by Rinchem and are roll-off numbers 20B90, 22026, 104057, and 104051Rin. Upon receiving notification of Kirtland AFB's acceptance of the soil, CH2M HILL will coordinate receipt of the landfill pass with Chugach and transport of the soil with Rinchem.

Should you have any questions regarding this request please feel free to contact me at 505-504-2421. Thank you for your assistance.

Sincerely,
CH2M HILL

Todd Arrowood
Project Consultant

Attachments:
Attachment 1: Table 1: Summary of SWMU WP-16 and WP-26 Investigation Derived Waste for Wells SV-111, SV-112, KAFB-2625, KAFB-2626, KAFB-2627, and KAFB-6243

Attachment 2: Laboratory Analytical Report

c: Mr. Mark Holmes/377 MSG/CEANR
Ms. Karen Jarocki/CH2M HILL ABQ

Table 1: Summary of SWMU WP-16 and WP-26 Investigation Derived Waste for Wells SV-111, SV- 112, KAFB-2625, KAFB-2626, KAFB-2627, and KAFB-6243

		Location	KAFB-2526/ KAFB-2626 / SV-112	KAFB-2627 / SV-111	KAFB-6243
		Sample ID	WP26-IDW-20B90	WP26-IDW-104057	WP16IDW-3112009
		Sample Date	3/3/2009	3/3/2009	3/11/2009
Analyte	**Units**	**Screening Level**			
Herbicides-TCLP					
2,4,5-TP (Silvex)	µg/L	1,000	*<10*	*<10*	*<10*
2,4'-D	µg/L	10,000	*<10*	*<10*	*<10*
Metals-TCLP					
Arsenic	µg/L	5,000	*<25*	*<25*	*<25*
Barium	µg/L	100,000	797	811	1530
Cadmium	µg/L	1,000	*<5*	*<5*	*<5*
Chromium	µg/L	5,000	*<12.5*	20.3 J	*<12.5*
Lead	µg/L	5,000	15.0 J	21.6 J	*<15*
Selenium	µg/L	1,000	*<25*	*<25*	*<25*
Silver	µg/L	5,000	*<15*	*<15*	*<15*
Mercury	µg/L	200	*<1*	*<1*	*<1*
Pesticides-TCLP					
gamma-Chlordane	µg/L	30	*<0.20*	*<0.20*	*<0.20*
alpha-Chlordane	µg/L	30	*<0.20*	*<0.20*	*<0.20*
Endrin	µg/L	20	*<0.20*	*<0.20*	*<0.20*
gamma-BHC (Lindane)	µg/L	400	*<0.20*	*<0.20*	*<0.20*
Heptachlor	µg/L	8	*<0.20*	*<0.20*	*<0.20*
Heptachlor epoxide	µg/L	8	*<0.20*	*<0.20*	*<0.20*
Methoxychlor	µg/L	10,000	*<2.0*	2.8 J	*<2.0*
Toxaphene	µg/L	500	*<10*	*<10*	*<10*
SVOC-TCLP					
2,4,5-Trichlorophenol	µg/L	400,000	*<50*	*<50*	*<50*
2,4,6-Trichlorophenol	µg/L	2,000	*<50*	*<50*	*<50*
2,4-Dinitrotoluene	µg/L	100	*<50*	*<50*	*<50*
2-Methylphenol (o-Cresol)	µg/L	200,000	*<50*	*<50*	*<50*
4-Methylphenol	µg/L	200,000	*<50*	*<50*	*<50*
Hexachlorobenzene	µg/L	100	*<60*	*<60*	*<60*
Hexachlorobutadiene	µg/L	500	*<50*	*<50*	*<50*
Hexachloroethane	µg/L	3,000	*<50*	*<50*	*<50*
Nitrobenzene	µg/L	2,000	*<50*	*<50*	*<50*
Pentachlorophenol	µg/L	100,000	*<50*	*<50*	*<50*
Pyridine	µg/L	5,000	*<200*	*<200*	*<200*
VOC-TCLP					
1,1-Dichloroethene	µg/L	700	*<10*	*<10*	*<10*
1,2-Dichloroethene	µg/L	500	*<10*	*<10*	*<10*
1,4-Dichloroethane	µg/L	7,500	*<10*	*<10*	*<10*
2-Butanone	µg/L	200,000	*<50*	*<50*	*<50*
Benzene	µg/L	500	*<10*	*<10*	*<10*
Carbon tetrachloride	µg/L	500	*<10*	*<10*	*<10*
Chlorobenzene	µg/L	100,000	*<10*	*<10*	*<10*
Chloroform	µg/L	5,000	*<10*	*<10*	*<10*
Tetrachloroethene	µg/L	700	*<10*	*<10*	*<10*
Trichloroethene	µg/L	500	*<10*	*<10*	*<10*
Vinyl chloride	µg/L	200	*<10*	*<10*	*<10*

Shaded cells - indicate positive detection
<value = not detected above the indicated reporting limit

METHOD 1311/5030B/8260B
TCLP VOLATILE ORGANICS BY GC/MS

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/15/09 04:00
Sample ID:	WP26-IDW-20B90	Date Analyzed:	03/15/09 04:00
Lab Samp ID:	C034-01	Dilution Factor:	10
Lab File ID:	RCE476	Matrix :	WATER
Ext Btch ID:	VOD3C24	% Moisture :	NA
Calib. Ref.:	RCE414	Instrument ID :	T-OD3

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
BENZENE	ND	50	10
2-BUTANONE	ND	100	50
CARBON TETRACHLORIDE	ND	50	10
CHLOROBENZENE	ND	50	10
CHLOROFORM	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
TETRACHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	50	10
VINYL CHLORIDE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	142*	70-140
4-BROMOFLUOROBENZENE	101	70-130
TOLUENE-D8	106	70-140

TCLP Extraction Date: 03/12/09 18:00

METHOD 1311/5030B/8260B
TCLP VOLATILE ORGANICS BY GC/MS

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/15/09 04:34
Sample ID:	WP26-IDW-104057	Date Analyzed:	03/15/09 04:34
Lab Samp ID:	C034-02	Dilution Factor:	10
Lab File ID:	RCE477	Matrix :	WATER
Ext Btch ID:	VOD3C24	% Moisture :	NA
Calib. Ref.:	RCE414	Instrument ID :	T-003

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
BENZENE	ND	50	10
2-BUTANONE	ND	100	50
CARBON TETRACHLORIDE	ND	50	10
CHLOROBENZENE	ND	50	10
CHLOROFORM	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
TETRACHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	50	10
VINYL CHLORIDE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	142*	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	107	70-140

TCLP Extraction Date: 03/12/09 18:00

METHOD 1311/5030B/8260B
TCLP VOLATILE ORGANICS BY GC/MS

Client	: CH2M HILL	Date Collected:	03/11/09
Project	: KIRTLAND AFB-WP16	Date Received:	03/12/09
Batch No.	: 09C167	Date Extracted:	03/15/09 05:07
Sample ID:	WP16IDW-03112009	Date Analyzed:	03/15/09 05:07
Lab Samp ID:	C167-01	Dilution Factor:	10
Lab File ID:	RCE478	Matrix :	WATER
Ext Btch ID:	VOD3C24	% Moisture :	NA
Calib. Ref.:	RCE414	Instrument ID :	T-OD3

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
BENZENE	ND	50	10
2-BUTANONE	ND	100	50
CARBON TETRACHLORIDE	ND	50	10
CHLOROBENZENE	ND	50	10
CHLOROFORM	ND	50	10
1,4-DICHLOROBENZENE	ND	50	10
1,2-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
TETRACHLOROETHENE	ND	50	10
TRICHLOROETHENE	ND	50	10
VINYL CHLORIDE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	143*	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	106	70-140

TCLP Extraction Date: 03/12/09 18:00

SW 1311/3520C/8270C
TCLP SEMI VOLATILE ORGANICS BY GC/MS

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/11/09 16:30
Sample ID:	WP26-IDW-20B90	Date Analyzed:	03/16/09 23:46
Lab Samp ID:	C034-01	Dilution Factor:	10
Lab File ID:	RCJ389	Matrix :	WATER
Ext Btch ID:	SVC027W	% Moisture :	NA
Calib. Ref.:	RAJ353	Instrument ID :	T-OE4

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
2,4,5-TRICHLOROPHENOL	ND	100	50
2,4,6-TRICHLOROPHENOL	ND	100	50
2,4-DINITROTOLUENE	ND	100	50
2-METHYLPHENOL	ND	100	50
4-METHYLPHENOL (1)	ND	100	50
HEXACHLOROBENZENE	ND	100	60
HEXACHLOROBUTADIENE	ND	100	50
HEXACHLOROETHANE	ND	100	50
NITROBENZENE	ND	100	50
PENTACHLOROPHENOL	ND	200	50
PYRIDINE	ND	400	200

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	93	30-150
2-FLUOROBIPHENYL	50	30-130
2-FLUOROPHENOL	49	20-130
NITROBENZENE-D5	51	30-130
PHENOL-D5	52	30-130
TERPHENYL-D14	104	30-130

(1): Cannot be separated from 3-Methylphenol

TCLP EXTRACTION: 03/10/09 19:00

SW 1311/3520C/8270C
TCLP SEMI VOLATILE ORGANICS BY GC/MS

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/11/09 16:30
Sample ID:	WP26-IDW-104057	Date Analyzed:	03/17/09 00:04
Lab Samp ID:	C034-02	Dilution Factor:	1D
Lab File ID:	RCJ390	Matrix :	WATER
Ext Btch ID:	SVC027W	% Moisture :	NA
Calib. Ref.:	RAJ353	Instrument ID :	T-OE4

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
2,4,5-TRICHLOROPHENOL	ND	100	50
2,4,6-TRICHLOROPHENOL	ND	100	50
2,4-DINITROTOLUENE	ND	100	50
2-METHYLPHENOL	ND	100	50
4-METHYLPHENOL (1)	ND	100	50
HEXACHLOROBENZENE	ND	100	60
HEXACHLOROBUTADIENE	ND	100	50
HEXACHLOROETHANE	ND	100	50
NITROBENZENE	ND	100	50
PENTACHLOROPHENOL	ND	200	50
PYRIDINE	ND	400	200

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	52	30-150
2-FLUOROBIPHENYL	31	30-130
2-FLUOROPHENOL	28	20-130
NITROBENZENE-D5	29*	30-130
PHENOL-D5	30	30-130
TERPHENYL-D14	72	30-130

(1): Cannot be separated from 3-Methylphenol

TCLP EXTRACTION: 03/10/09 19:00

SW 1311/3520C/8270C
TCLP SEMI VOLATILE ORGANICS BY GC/MS

Client	: CH2M HILL	Date Collected:	03/11/09
Project	: KIRTLAND AFB-WP16	Date Received:	03/12/09
Batch No.	: 09C167	Date Extracted:	03/18/09 16:00
Sample ID:	WP16IDW-03112009	Date Analyzed:	03/23/09 20:42
Lab Samp ID:	C167-01	Dilution Factor:	10
Lab File ID:	RCJ513	Matrix :	WATER
Ext Btch ID:	SVC042W	% Moisture :	NA
Calib. Ref.:	RCJ431	Instrument ID :	T-OE4

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
2,4,5-TRICHLOROPHENOL	ND	100	50
2,4,6-TRICHLOROPHENOL	ND	100	50
2,4-DINITROTOLUENE	ND	100	50
2-METHYLPHENOL	ND	100	50
4-METHYLPHENOL (1)	ND	100	50
HEXACHLOROBENZENE	ND	100	60
HEXACHLOROBUTADIENE	ND	100	50
HEXACHLOROETHANE	ND	100	50
NITROBENZENE	ND	100	50
PENTACHLOROPHENOL	ND	200	50
PYRIDINE	ND	400	200

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	68	30-150
2-FLUOROBIPHENYL	62	30-130
2-FLUOROPHENOL	54	20-130
NITROBENZENE-D5	59	30-130
PHENOL-D5	56	30-130
TERPHENYL-D14	75	30-130

(1): Cannot be separated from 3-Methylphenol

TCLP EXTRACTION: 03/16/09 17:00

SW1311/SW3520C/8081A
TCLP PESTICIDES

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/12/09 15:00
Sample ID:	WP26-IDW-20B90	Date Analyzed:	03/16/09 15:31
Lab Samp ID:	C034-01	Dilution Factor:	10
Lab File ID:	SC16014A	Matrix :	WATER
Ext Btch ID:	CPC016W	% Moisture :	NA
Calib. Ref.:	SC16004A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
GAMMA-BHC (LINDANE)	(ND)|ND	1.0	0.20|0.20
HEPTACHLOR	(ND)|ND	1.0	0.20|0.20
HEPTACHLOR EPOXIDE	(ND)|ND	1.0	0.20|0.20
GAMMA-CHLORDANE	(ND)|ND	1.0	0.20|0.20
ALPHA-CHLORDANE	(ND)|ND	1.0	0.20|0.20
ENDRIN	(ND)|ND	2.0	0.20|0.20
METHOXYCHLOR	(ND)|ND	10	2.0|2.0
TOXAPHENE	(ND)|ND	20	10|10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(99)|103	30-140
DECACHLOROBIPHENYL	(117)|112	40-150

Left of | is related to first column ; Right of | related to second column
( ) included the reported column

Date of TCLP extraction:03/11/2009

SW1311/SW3520C/8081A
TCLP PESTICIDES

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/12/09 15:00
Sample ID:	WP26-IDW-104057	Date Analyzed:	03/16/09 15:53
Lab Samp ID:	C034-02	Dilution Factor:	10
Lab File ID:	SC16015A	Matrix :	WATER
Ext Btch ID:	CPC016W	% Moisture :	NA
Calib. Ref.:	SC16004A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
GAMMA-BHC (LINDANE)	(ND)|ND	1.0	0.20|0.20
HEPTACHLOR	(ND)|ND	1.0	0.20|0.20
HEPTACHLOR EPOXIDE	(ND)|ND	1.0	0.20|0.20
GAMMA-CHLORDANE	(ND)|ND	1.0	0.20|0.20
ALPHA-CHLORDANE	(ND)|ND	1.0	0.20|0.20
ENDRIN	(ND)|ND	2.0	0.20|0.20
METHOXYCHLOR	(ND)|2.8J	10	2.0|2.0
TOXAPHENE	(ND)|ND	20	10|10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(106)|107	30-140
DECACHLOROBIPHENYL	(123)|115	40-150

Left of | is related to first column ; Right of | related to second column
( ) included the reported column

Date of TCLP extraction:03/11/2009

SW1311/SW3520C/8081A
TCLP PESTICIDES

Client	: CH2M HILL	Date Collected:	03/11/09
Project	: KIRTLAND AFB-WP16	Date Received:	03/12/09
Batch No.	: 09C167	Date Extracted:	03/18/09 14:30
Sample ID:	WP16IDW-03112009	Date Analyzed:	03/25/09 22:32
Lab Samp ID:	C167-01	Dilution Factor:	10
Lab File ID:	SC25029A	Matrix :	WATER
Ext Btch ID:	CPC026W	% Moisture :	NA
Calib. Ref.:	SC25017A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/L)		RL (ug/L)	MDL (ug/L)	
GAMMA-BHC (LINDANE)	(ND)	ND	1.0	0.20	0.20
HEPTACHLOR	(ND)	ND	1.0	0.20	0.20
HEPTACHLOR EPOXIDE	(ND)	ND	1.0	0.20	0.20
GAMMA-CHLORDANE	(ND)	ND	1.0	0.20	0.20
ALPHA-CHLORDANE	(ND)	ND	1.0	0.20	0.20
ENDRIN	(ND)	ND	2.0	0.20	0.20
METHOXYCHLOR	(ND)	ND	10	2.0	2.0
TOXAPHENE	(ND)	ND	20	10	10

SURROGATE PARAMETERS	% RECOVERY		QC LIMIT
TETRACHLORO-M-XYLENE	(100)	99	30-140
DECACHLOROBIPHENYL	(115)	111	40-150

Left of | is related to first column ; Right of | related to second column
( ) included the reported column

Date of TCLP extraction: 03/16/2009 17:00

SW1311/8151A
TCLP HERBICIDES

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/11/09 18:00
Sample ID:	WP26-IDW-20B90	Date Analyzed:	03/12/09 18:33
Lab Samp ID:	C034-01	Dilution Factor:	50
Lab File ID:	QC12007A	Matrix :	WATER
Ext Btch ID:	HEC001W	% Moisture :	NA
Calib. Ref.:	QC12002A	Instrument ID :	GCT009

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
2,4-D	(ND)|ND	20	10|10
2,4,5-TP(SILVEX)	(ND)|ND	20	10|10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(81)|80	40-140

TCLP Extraction Date: 03/10/09 19:00

SW1311/8151A
TCLP HERBICIDES

Client	: CH2M HILL	Date Collected:	03/03/09
Project	: KAFB-WP26	Date Received:	03/04/09
Batch No.	: 09C034	Date Extracted:	03/11/09 18:00
Sample ID:	WP26-IDW-104057	Date Analyzed:	03/12/09 18:48
Lab Samp ID:	C034-02	Dilution Factor:	50
Lab File ID:	QC12008A	Matrix :	WATER
Ext Btch ID:	HEC001W	% Moisture :	NA
Calib. Ref.:	QC12002A	Instrument ID :	GCT009

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
2,4-D	(ND)|ND	20	10|10
2,4,5-TP(SILVEX)	(ND)|ND	20	10|10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(82)|87	40-140

TCLP Extraction Date: 03/10/09 19:00

SW1311/8151A
TCLP HERBICIDES

Client	: CH2M HILL	Date Collected:	03/11/09
Project	: KIRTLAND AFB-WP16	Date Received:	03/12/09
Batch No.	: 09C167	Date Extracted:	03/19/09 12:00
Sample ID:	WP161DW-03112009	Date Analyzed:	03/26/09 12:43
Lab Samp ID:	C167-01	Dilution Factor:	50
Lab File ID:	QC26008A	Matrix :	WATER
Ext Btch ID:	HEC003W	% Moisture :	NA
Calib. Ref.:	QC26002A	Instrument ID :	GCT009

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
2,4-D	(ND)|ND	20	10|10
2,4,5-TP(SILVEX)	(ND)|ND	20	10|10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(82)|83	40-140

TCLP Extraction Date: 03/16/09 17:00

METHOD 1311/3010A/6010B
TCLP METALS BY ICP

Client	: CH2M HILL	Date Collected:	03/03/09 11:53
Project	: KAFB-WP26	Date Received:	03/04/09
SDG NO.	: 09C034	Date Extracted:	03/11/09 13:00
Sample ID:	WP26-IDW-20B90	Date Analyzed:	03/19/09 01:29
Lab Samp ID:	C034-01	Dilution Factor:	5
Lab File ID:	ID8C023073	Matrix :	LEACHATE
Ext Btch ID:	IPC027W	% Moisture :	NA
Calib. Ref.:	ID8C023069	Instrument ID :	EMAXTID8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.0500	0.0250
Barium	0.797	0.0500	0.0100
Cadmium	ND	0.0500	0.00500
Chromium	ND	0.0500	0.0125
Lead	0.0150J	0.0500	0.0150
Selenium	ND	0.0500	0.0250
Silver	ND	0.0500	0.0150

TCLP Extraction Date: 03/10/09 19:00

METHOD 1311/3010A/6010B
TCLP METALS BY ICP

Client	: CH2M HILL	Date Collected:	03/03/09 12:35
Project	: KAFB-WP26	Date Received:	03/04/09
SDG NO.	: 09C034	Date Extracted:	03/11/09 13:00
Sample ID:	WP26-IDW-104057	Date Analyzed:	03/19/09 01:40
Lab Samp ID:	C034-02	Dilution Factor:	5
Lab File ID:	ID8C023075	Matrix :	LEACHATE
Ext Btch ID:	IPC027W	% Moisture :	NA
Calib. Ref.:	ID8C023069	Instrument ID :	EMAXTID8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.0500	0.0250
Barium	0.811	0.0500	0.0100
Cadmium	ND	0.0500	0.00500
Chromium	0.0203J	0.0500	0.0125
Lead	0.0216J	0.0500	0.0150
Selenium	ND	0.0500	0.0250
Silver	ND	0.0500	0.0150

TCLP Extraction Date: 03/10/09 19:00

METHOD 1311/3010A/6010B
TCLP METALS BY ICP

Client	: CH2M HILL	Date Collected:	03/11/09 16:45
Project	: KIRTLAND AFB-WP16	Date Received:	03/12/09
SDG NO.	: 09C167	Date Extracted:	03/18/09 11:00
Sample ID:	WP161DW-03112009	Date Analyzed:	03/20/09 23:01
Lab Samp ID:	C167-01	Dilution Factor:	5
Lab File ID:	ID8C026072	Matrix :	LEACHATE
Ext Btch ID:	IPC037W	% Moisture :	NA
Calib. Ref.:	ID8C026068	Instrument ID :	EMAXTID8

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Arsenic	ND	0.0500	0.0250
Barium	1.53	0.0500	0.0100
Cadmium	ND	0.0500	0.00500
Chromium	ND	0.0500	0.0125
Lead	ND	0.0500	0.0150
Selenium	ND	0.0500	0.0250
Silver	ND	0.0500	0.0150

TCLP Extraction Date: 03/16/09 17:00

METHOD 1311/7470A
TCLP MERCURY

Client : CH2M HILL
Project : KAFB-WP26
Batch No. : 09C034

Matrix : LEACHATE
Instrument ID : TI047

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MOIST	RL (ug/L)	MDL (ug/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HGC023WB	ND	1	NA	0.500	0.100	03/12/0917:43	03/12/0911:30	M47C013043	M47C013032	HGC023W	NA	03/12/09
LCS1W	HGC023WL	5.08	1	NA	0.500	0.100	03/12/0917:50	03/12/0911:30	M47C013046	M47C013044	HGC023W	NA	03/12/09
LCD1W	HGC023WC	5.07	1	NA	0.500	0.100	03/12/0917:52	03/12/0911:30	M47C013047	M47C013044	HGC023W	NA	03/12/09
MBLK1S	TXC002SB	ND	10	NA	5.00	1.00	03/12/0918:34	03/12/0911:30	M47C013067	M47C013056	HGC023W	NA	03/12/09
WP26-IDW-20B90	C034-01	ND	10	NA	5.00	1.00	03/12/0918:50	03/12/0911:30	M47C013075	M47C013068	HGC023W	03/03/09	03/04/09
WP26-IDW-104057	C034-02	ND	10	NA	5.00	1.00	03/12/0918:53	03/12/0911:30	M47C013076	M47C013068	HGC023W	03/03/09	03/04/09

TCLP Extraction Date: 03/10/09 19:00

METHOD 1311/7470A
TCLP MERCURY

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09C167

Matrix : LEACHATE
Instrument ID : TI047

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MOIST	RL (ug/L)	MDL (ug/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HGC034WB	ND	1	NA	0.500	0.100	03/19/0917:43	03/19/0912:00	M47C020028	M47C020020	HGC034W	NA	03/19/09
LCS1W	HGC034WL	5.54	1	NA	0.500	0.100	03/19/0917:46	03/19/0912:00	M47C020029	M47C020020	HGC034W	NA	03/19/09
LCD1W	HGC034WC	5.59	1	NA	0.500	0.100	03/19/0917:48	03/19/0912:00	M47C020030	M47C020020	HGC034W	NA	03/19/09
MBLK1S	TXC005SB	1.04J	10	NA	5.00	1.00	03/19/0918:36	03/19/0912:00	M47C020053	M47C020044	HGC034W	NA	03/19/09
WP16IDW-03112009	C167-01	ND	10	NA	5.00	1.00	03/19/0918:56	03/19/0912:00	M47C020063	M47C020056	HGC034W	03/11/09	03/12/09

TCLP Extraction Date: 03/16/09 17:00

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

30 April 2009

MEMORANDUM FOR: 377 MSG/CEANR

FROM: 377 MSG/CEANC (Solid Waste Program Manager)

SUBJECT: Landfill Disposal

Reference: CH2MHill Ltr. dated: 17 April, 2009
USACE Tulsa Corps Contract No. W912BV-04-D-2006, Task Order 0010

1. Authorization is granted to CH2MHILL to dispose of soil drill cuttings and debris from soil drill cuttings in support of continuing investigation at Solid Waste Management Unit (SWMU) WP-26, Sewage Lagoons and SWMU 6-24, Manzano Sewage Treatment Facility (WP-16) at the Kirtland AFB construction and demolition landfill. Debris will be delivered in 4 each, Rinchem roll-off, S/N 20B90; 22026; 104057; and 104051 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

1 June 2009

VIA EMAIL

Mr. Mark Holmes
377 MSG/CEANR
2050 Wyoming Blvd. SE
Kirtland AFB, NM 87117-5270

Reference: USACE Tulsa Corps Contract No. W912BV-04-D-2006, Task Order 0010

Subject: Disposal of Development and Purge Water - KAFB-2625, KAFB-2626, KAFB-6243, and KAFB-6241, Solid Waste Management Units WP-26, Sewage Lagoons and 6-24, Manzano Sewage Treatment Facility (WP-16), Kirtland Air Force Base, New Mexico

Dear Mr. Holmes:

CH2M HILL is requesting permission to dispose of monitoring well development and purge water onto the ground surface at the monitoring well sites at KAFB-2625, KAFB-2626, KAFB-6243, and KAFB-6241at Kirtland Air Force Base (AFB). The development and purge water will be disposed of at the monitoring well location for KAFB-6243 and KAFB-6241, and inside the Sewage Lagoons fence for the wells KAFB-2625 and KAFB-2626. The purge water was generated and subsequently analyzed as discussed below.

During April 2009, CH2M HILL conducted well development and sampling in association with the ongoing Solid Waste Management Unit (SWMU) WP-26, Sewage Lagoons and SWMU 6-24, Manzano Sewage Treatment Facility (WP-16) groundwater investigation. Development and purge water generated during these activities consisted of approximately 50 gallons collected from KAFB-2626 and 300 gallons collected from KAFB-2625 that were placed in a polytank together at the WP-26 site; about 600 gallons from KAFB-6243 that was placed in a polytank at the well site, and about 100 gallons from KAFB-6241 that was placed in drums at the well site. Samples taken from KAFB-2625 and KAFB-2626 were analyzed for volatile organic compounds (VOCs), ammonia, nitrate, nitrite, TKN, and perchlorate. Samples taken from KAFB-6243 and KAFB-6241 were analyzed for VOCs, polynuclear aromatic hydrocarbons (PAHs), cations, and anions.

Table 1 (Attachment 1) presents a summary of the reportable concentrations from the analyses of the well water samples collected from KAFB-2625, KAFB-2626. Table 2 (Attachment 1) presents a data summary for KAFB-6241 and KAFB-6243. Low concentrations of 1,1,1-dichloroethane, 1,2dichlorobenzene, cis-1,2-dicloroethene, nitrate, and TKN were detected far below regulatory levels at KAFB-2625 and KAFB 2626. Trichloroethene was detected below the regulatory levels at KAFB-2626, however it was detected slightly above regulatory standards at (6.6 µg/L verses the standard at 5.0 µg/L) at KAFB-2625. Low concentrations of toluene, chloride, fluoride, calcium, magnesium, potassium, sodium, and sulfate were detected far below regulatory levels at KAFB-6243

Mr. Steve Kitt
377 MSG/CEANR
15 April 2009

and KAFB-6241. Nitrate was detected below the regulatory levels at KAFB-6241, however it was detected slightly above regulatory standards at (11,400 µg/L verses the standard at 10,000 µg/L) at KAFB-6243.

Please review the attached analytical data and determine if the purge water is suitable for disposal at the well locations and the Sewage Lagoon site. Upon receiving notification of Kirtland AFB's acceptance of the purge water, CH2M HILL will dispose of the water at the determined locations.

Should you have any questions regarding this request please feel free to contact me at 505-855-8244. Thank you for your assistance.

Sincerely,
CH2M HILL

Karen E. Jarocki, P.G.
Project Manager

Attachments:
Table 1: Summary of SWMU WP-26 Purge Water Results for Wells KAFB-2625 and KAFB-2626

Table 2: Summary of SWMU WP-16 Purge Water Results for Wells KAFB-6243 and KAFB-6241

Laboratory Analytical Report

cc: Mr. Wayne Bitner/377 MSG/CEANR

Table 1: Summary of SWMU WP-26 Purge Water Results for Wells KAFB-2625 and KAFB-2626

Analyte	Units	Location / Sample ID / Sample Date / NMWQCC Standards[D]	KAFB-2625 WP26-GW-2625-22042009 4/22/2009	KAFB-2626 WP26-GW-2625-22042009 4/22/2009
VOC				
1,1,1-trichloroethane	µg/L	60	*<0.2*	*<0.2*
1,1,2,2-tetrachloroethane	µg/L	10	*<0.2*	*<0.2*
1,1,2-trichloroethane	µg/L	10	*<0.2*	*<0.2*
1,1-dichloroethane	µg/L	5 [c]	2.7	*<0.2*
1,1-dichloroethene	µg/L	5	*<0.2*	*<0.2*
1,1-dichloropropene	µg/L	NA	*<0.2*	*<0.2*
1,2,3-trichlorobenzene	µg/L	NA	*<0.2*	*<0.2*
1,2,3-trichloropropane	µg/L	NA	*<0.5*	*<0.5*
1,2,4-trichlorobenzene	µg/L	70 [c]	*<0.2*	*<0.2*
1,2,4-trimethylbenzene	µg/L	NA	*<0.2*	*<0.2*
1,2-dibromo-3-chloropropane (dbcp)	µg/L	0.2[c]	*<0.5*	*<0.5*
1,2-dichlorobenzene	µg/L	75 [c]	*<0.2*	*<0.2*
1,2-dichloroethane	µg/L	10	*<0.2*	*<0.2*
1,2-dichloropropane	µg/L	5[c]	*<0.2*	*<0.2*
1,2-dibromoethane (edb)	µg/L	0.1	*<0.2*	*<0.2*
1,3,5-trimethylbenzene	µg/L	NA	*<0.2*	*<0.2*
1,3-dichlorobenzene	µg/L	NA	*<0.2*	*<0.2*
1,3-dichloropropane	µg/L	NA	*<0.2*	*<0.2*
1,4-dichlorobenzene	µg/L	75 [c]	0.44 J	*<0.2*
2,2-dichloropropane	µg/L	NA	*<0.2*	*<0.2*
2-chlorotoluene	µg/L	NA	*<0.2*	*<0.2*
4-chlorotoluene	µg/L	NA	*<0.2*	*<0.2*
benzene	µg/L	10	*<0.2*	*<0.2*
bromobenzene	µg/L	NA	*<0.2*	*<0.2*
bromochloromethane	µg/L	NA	*<0.2*	*<0.2*
bromodichloromethane	µg/L	NA	*<0.2*	*<0.2*
bromoform	µg/L	NA	*<0.3*	*<0.3*
bromomethane	µg/L	NA	*<0.2*	*<0.2*
carbon tetrachloride	µg/L	10	*<0.2*	*<0.2*
chlorobenzene	µg/L	100[c]	*<0.2*	*<0.2*
chloroethane	µg/L	NA	*<0.2*	*<0.2*
chloroform	µg/L	100	*<0.2*	*<0.2*
chloromethane	µg/L	NA	*<0.2*	*<0.2*
cis-1,2-dichloroethene	µg/L	70 [c]	0.32 J	*<0.2*
cis-1,3-dichloropropene	µg/L	NA	*<0.2*	*<0.2*
dibromochloromethane	µg/L	NA	*<0.2*	*<0.2*
dibromomethane	µg/L	NA	*<0.2*	*<0.2*
dichlorodifluoromethane	µg/L	NA	*<0.3*	*<0.3*
ethylbenzene	µg/L	750	*<0.2*	*<0.2*
hexachlorobutadiene	µg/L	NA	*<0.2*	*<0.2*
isopropylbenzene	µg/L	NA	*<0.2*	*<0.2*
m,p-xylene	µg/L	NA	*<0.5*	*<0.5*
methylene chloride	µg/L	100	*<0.5*	*<0.5*
n-butylbenzene	µg/L	NA	*<0.2*	*<0.2*
n-propylbenzene	µg/L	NA	*<0.2*	*<0.2*
naphthalene	µg/L	30 [c]	*<0.5*	*<0.5*
o-xylene	µg/L	NA	*<0.2*	*<0.2*
sec-butylbenzene	µg/L	NA	*<0.2*	*<0.2*
styrene	µg/L	100[c]	*<0.2*	*<0.2*
tert-butylbenzene	µg/L	NA	*<0.2*	*<0.2*
tetrachloroethene	µg/L	20	*<0.2*	*<0.2*

Table 1: Summary of SWMU WP-26 Purge Water Results for Wells KAFB-2625 and KAFB-2626

		Location	KAFB-2625	KAFB-2626
		Sample ID	WP26-GW-2625-22042009	WP26-GW-2625-22042009
		Sample Date	4/22/2009	4/22/2009
Analyte	**Units**	**NMWQCC Standards[b]**		
VOC				
toluene	µg/L	1000 [c]	*<0.2*	*<0.2*
trans-1,3-Dichloropropene	µg/L	100 [c]	*<0.2*	*<0.2*
trans-1,4-Dichloro-2-butene	µg/L	NA	*<0.2*	*<0.2*
trichloroethene	µg/L	5 [c]	**6.6**	0.28
vinyl chloride	µg/L	1	*<0.2*	*<0.2*
acetone	µg/L	10	*<5*	*<5*
2-butanone (mek)	µg/L	NA	*<5*	*<5*
methyl tert butyl ether (mtbe)	µg/L	NA	*<0.2*	*<0.2*
2-hexanone	µg/L	NA	*<5*	*<5*
4-methyl-2-pentanone (mibk)	µg/L	NA	*<5*	*<5*
1,2-dichloroethene (total)	µg/L	10	*<0.4*	*<0.4*
xylenes, total	µg/L	620	*<0.5*	*<0.5*
Ammonia- E350.2				
Ammonia	µg/L	NA	*<50*	*<50*
Nitrate/Nitrite- E300				
Nitrite	µg/L	1,000	*<50*	*<50*
Nitrate	µg/L	10,000	1960	2110
TKN- E351.3				
TKN	µg/L	10,000	184	173

Shaded cells - indicate positive detection

Cells in **bold** indicate concnetrations above regulatory limit

<value = not detected above the indicated reporting limit

[b] New Mexico Water Quality Control Commission Human Health Standards for Groundwater (2002).

[c] U.S. Environmental Protection Agency, National Primary Drinking Water Standard (EPA 816-F-03-016, June 2003).

UG/L - micrograms per liter

Table 2: Summary of SWMU WP-16 Purge Water Results for Wells KAFB-6243 and KAFB-6241

		Location	KAFB-6243	KAFB-6241
		Sample ID	WP26-GW-6243-20042009	WP26-GW-6241-23042009
		Sample Date	4/20/2009	4/23/2009
Analyte	**Units**	**NMWQCC Standards[n]**		
VOC- SW8260B				
1,1,1,2-tetrachloroethane	µg/L	NA	*<0.2*	*<0.2*
1,1,1-trichloroethane	µg/L	60	*<0.2*	*<0.2*
1,1,2,2-tetrachloroethane	µg/L	10	*<0.2*	*<0.2*
1,1,2-trichloroethane	µg/L	10	*<0.2*	*<0.2*
1,1-dichloroethane	µg/L	5 [c]	*<0.2*	*<0.2*
1,1-dichloroethene	µg/L	5	*<0.2*	*<0.2*
1,1-dichloropropene	µg/L	NA	*<0.2*	*<0.2*
1,2,3-trichlorobenzene	µg/L	NA	*<0.2*	*<0.2*
1,2,3-trichloropropane	µg/L	NA	*<0.5*	*<0.5*
1,2,4-trichlorobenzene	µg/L	70 [c]	*<0.2*	*<0.2*
1,2,4-trimethylbenzene	µg/L	NA	*<0.2*	*<0.2*
1,2-dibromo-3-chloropropane (dbcp)	µg/L	0.2[c]	*<0.5*	*<0.5*
1,2-dichlorobenzene	µg/L	75 [c]	*<0.2*	*<0.2*
1,2-dichloroethane	µg/L	10	*<0.2*	*<0.2*
1,2-dichloropropane	µg/L	5[c]	*<0.2*	*<0.2*
1,2-dibromoethane (edb)	µg/L	0.1	*<0.2*	*<0.2*
1,3,5-trimethylbenzene	µg/L	NA	*<0.2*	*<0.2*
1,3-dichlorobenzene	µg/L	NA	*<0.2*	*<0.2*
1,3-dichloropropane	µg/L	NA	*<0.2*	*<0.2*
1,4-dichlorobenzene	µg/L	75 [c]	*<0.2*	*<0.2*
2,2-dichloropropane	µg/L	NA	*<0.2*	*<0.2*
2-chlorotoluene	µg/L	NA	*<0.2*	*<0.2*
4-chlorotoluene	µg/L	NA	*<0.2*	*<0.2*
benzene	µg/L	10	*<0.2*	*<0.2*
bromobenzene	µg/L	NA	*<0.2*	*<0.2*
bromochloromethane	µg/L	NA	*<0.2*	*<0.2*
bromodichloromethane	µg/L	NA	*<0.2*	*<0.2*
bromoform	µg/L	NA	*<0.3*	*<0.3*
bromomethane	µg/L	NA	*<0.2*	*<0.2*
carbon tetrachloride	µg/L	10	*<0.2*	*<0.2*
chlorobenzene	µg/L	100[c]	*<0.2*	*<0.2*
chloroethane	µg/L	NA	*<0.2*	*<0.2*
chloroform	µg/L	100	*<0.2*	*<0.2*
chloromethane	µg/L	NA	*<0.2*	*<0.2*
cis-1,2-dichloroethene	µg/L	70 [c]	*<0.2*	*<0.2*
cis-1,3-dichloropropene	µg/L	NA	*<0.2*	*<0.2*
dibromochloromethane	µg/L	NA	*<0.2*	*<0.2*
dibromomethane	µg/L	NA	*<0.2*	*<0.2*
dichlorodifluoromethane	µg/L	NA	*<0.3*	*<0.3*
ethylbenzene	µg/L	750	*<0.2*	*<0.2*
hexachlorobutadiene	µg/L	NA	*<0.2*	*<0.2*
isopropylbenzene	µg/L	NA	*<0.2*	*<0.2*
m,p-xylene	µg/L	NA	*<0.5*	*<0.5*
methylene chloride	µg/L	100	*<0.5*	*<0.5*
n-butylbenzene	µg/L	NA	*<0.2*	*<0.2*
n-propylbenzene	µg/L	NA	*<0.2*	*<0.2*
naphthalene	µg/L	30 [c]	*<0.5*	*<0.5*
o-xylene	µg/L	NA	*<0.2*	*<0.2*
P-isopropyltoluene	µg/L	NA	*<0.2*	*<0.2*
sec-butylbenzene	µg/L	NA	*<0.2*	*<0.2*
styrene	µg/L	100[c]	*<0.2*	*<0.2*

Table 2: Summary of SWMU WP-16 Purge Water Results for Wells KAFB-6243 and KAFB-6241

Analyte	Units	Location / Sample ID / Sample Date / NMWQCC Standards[b]	KAFB-6243 WP26-GW-6243-20042009 4/20/2009	KAFB-6241 WP26-GW-6241-23042009 4/23/2009
VOC- SW8260B				
tert-Butylbenzene	µg/L	NA	*<0.2*	*<0.2*
tetrachloroethene	µg/L	20	*<0.2*	*<0.2*
toluene	µg/L	1000 [c]	8	39
trans-1,2-Dichloropropene	µg/L	100 [c]	*<0.2*	*<0.2*
trans-1,3-Dichloro-2-butene	µg/L	NA	*<0.2*	*<0.2*
trichloroethene	µg/L	5 [c]	*<0.2*	*<0.2*
trichlorofluoromethane	µg/L	NA	*<0.2*	*<0.2*
vinyl chloride	µg/L	1	*<0.2*	*<0.2*
acetone	µg/L	10	*<5*	*<5*
2-butanone (mek)	µg/L	NA	*<5*	*<5*
methyl tert butyl ether (mtbe)	µg/L	NA	*<0.2*	*<0.2*
2-hexanone	µg/L	NA	*<5*	*<5*
4-methyl-2-pentanone (mibk)	µg/L	NA	*<5*	*<5*
carbon disulfide	µg/L	NA	*<0.2*	*<0.2*
1,2-dichloroethene (total)	µg/L	10	*<0.4*	*<0.4*
xylenes, total	µg/L	620	*<0.5*	*<0.5*
Cations- SW9056				
Bromide	µg/L	NA	*<250*	*<250*
Chloride	µg/L	250,000	14000	9440
Fluoride	µg/L	1600	744 J	601 J
Anions- SW6010B				
Calcium	µg/L	NA	44400	42800
Magnesium	µg/L	NA	11500	7190
Potassium	µg/L	NA	2450	3090
Sodium	µg/L	NA	31800	31600
Nitrate/Nitrite- SW9056				
Nitrite	µg/L	1000 [c]	*<50*	*<50*
Nitrate	µg/L	10,000	**11400**	6310
Sulfate	µg/L	600,000	21200	28600
PAH				
Acenaphthene	µg/L	NA	*<0.0094*	*<0.0094*
Acenaphthylene	µg/L	NA	*<0.0094*	*<0.0094*
Anthracene	µg/L	NA	*<0.0094*	*<0.0094*
Benz(a)anthracene	µg/L	NA	*<0.0094*	*<0.0094*
Benzo(a)pyrene	µg/L	0.7	*<0.0094*	*<0.0094*
Benzo(b)fluoranthene	µg/L	NA	*<0.0094*	*<0.0094*
Benzo(g,h,i)perylene	µg/L	NA	*<0.0094*	*<0.0094*
Benzo(k)fluoranthene	µg/L	NA	*<0.0094*	*<0.0094*
Chrysene	µg/L	NA	*<0.0094*	*<0.0094*
Dibenz(a,h)anthracene	µg/L	NA	*<0.0094*	*<0.0094*
Fluoranthene	µg/L	NA	*<0.0094*	*<0.0094*
Fluorene	µg/L	NA	*<0.0094*	*<0.0094*
Indeno(1,2,3-cd)pyrene	µg/L	NA	*<0.0094*	*<0.0094*
Naphthalene	µg/L	NA	*<0.0094*	*<0.0094*
Phenanthrene	µg/L	NA	*<0.0094*	*<0.0094*
Pyrene	µg/L	NA	*<0.0094*	*<0.0094*

Shaded cells - indicate positive detection

Cells in **bold** indicate concnetrations above regulatory limit

<value = not detected above the indicated reporting limit

[b] New Mexico Water Quality Control Commission Human Health Standards for Groundwater (2002).

[c] U.S. Environmental Protection Agency, National Primary Drinking Water Standard (EPA 816-F-03-016, June 2003).

UG/L - micrograms per liter

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : CH2M HILL	Date Collected: 04/22/09
Project : KAFB-WP26	Date Received: 04/23/09
Batch No. : 09D233	Date Extracted: 04/30/09 22:58
Sample ID: WP26-GW-2626-22042009	Date Analyzed: 04/30/09 22:58
Lab Samp ID: D233-01R	Dilution Factor: 1
Lab File ID: RDQ908	Matrix : WATER
Ext Btch ID: V005D40	% Moisture : NA
Calib. Ref.: RDQ115	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	5.0	0.50
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2-DIBROMOETHANE (EDB)	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3-DICHLOROPROPANE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2,2-DICHLOROPROPANE	ND	1.0	0.20
2-CHLOROTOLUENE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMOCHLOROMETHANE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	1.0	0.30
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYLBENZENE	ND	1.0	0.20
M,P-XYLENE	ND	5.0	0.50
METHYLENE CHLORIDE	ND	1.0	0.50
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
NAPHTHALENE	ND	5.0	0.50
O-XYLENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	0.28J	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20
ACETONE	ND	10	5.0
2-BUTANONE (MEK)	ND	10	5.0
METHYL TERT BUTYL ETHER (MTBE)	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE (MIBK)	ND	10	5.0
1,2-DICHLOROETHENE (TOTAL)	ND	2.0	0.40
XYLENES, TOTAL	ND	2.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	50-150
4-BROMOFLUOROBENZENE	100	50-150
TOLUENE-D8	98	50-150

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : CH2M HILL	Date Collected: 04/22/09
Project : KAFB-WP26	Date Received: 04/23/09
Batch No. : 09D233	Date Extracted: 04/30/09 23:55
Sample ID: WP26-GW-2625-22042009	Date Analyzed: 04/30/09 23:55
Lab Samp ID: D233-03R	Dilution Factor: 1
Lab File ID: RDQ910	Matrix : WATER
Ext Btch ID: VO05D40	% Moisture : NA
Calib. Ref.: RDQ115	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	2.7	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	5.0	0.50
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2-DIBROMOETHANE (EDB)	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3-DICHLOROPROPANE	ND	1.0	0.20
1,4-DICHLOROBENZENE	0.44J	1.0	0.20
2,2-DICHLOROPROPANE	ND	1.0	0.20
2-CHLOROTOLUENE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMOCHLOROMETHANE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	0.32J	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	1.0	0.30
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYLBENZENE	ND	1.0	0.20
M,P-XYLENE	ND	5.0	0.50
METHYLENE CHLORIDE	ND	1.0	0.50
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
NAPHTHALENE	ND	5.0	0.50
O-XYLENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	6.6	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20
ACETONE	ND	10	5.0
2-BUTANONE (MEK)	ND	10	5.0
METHYL TERT BUTYL ETHER (MTBE)	ND	1.0	0.20
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE (MIBK)	ND	10	5.0
1,2-DICHLOROETHENE (TOTAL)	ND	2.0	0.40
XYLENES, TOTAL	ND	2.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	50-150
4-BROMOFLUOROBENZENE	99	50-150
TOLUENE-D8	99	50-150

METHOD E300.0
NITRATE-N

Client : CH2M HILL
Project : KAFB-WP26
Batch No. : 09D233

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD051WB	ND	1	NA	1.00	0.0500	04/23/0911:07	NA	AD31-03	AD31-01	ICD051W	NA	NA
LCS1W	ICD051WL	2.02	1	NA	1.00	0.0500	04/23/0911:22	NA	AD31-04	AD31-01	ICD051W	NA	NA
LCD1W	ICD051WC	2.03	1	NA	1.00	0.0500	04/23/0911:38	NA	AD31-05	AD31-01	ICD051W	NA	NA
WP26-GW-2626-22042009	D233-01	2.11	1	NA	1.00	0.0500	04/23/0912:25	NA	AD31-06	AD31-01	ICD051W	04/22/0915:41	04/23/09
WP26-GW-2626-22042009 FD	D233-02	2.13	1	NA	1.00	0.0500	04/23/0912:40	NA	AD31-07	AD31-01	ICD051W	04/22/0915:46	04/23/09
WP26-GW-2625-22042009	D233-03	1.96	1	NA	1.00	0.0500	04/23/0912:55	NA	AD31-08	AD31-01	ICD051W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009DUP	D233-03D	1.96	1	NA	1.00	0.0500	04/23/0913:11	NA	AD31-09	AD31-01	ICD051W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MS	D233-03M	4.03	1	NA	1.00	0.0500	04/23/0913:26	NA	AD31-10	AD31-01	ICD051W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MSD	D233-03S	4.03	1	NA	1.00	0.0500	04/23/0913:41	NA	AD31-11	AD31-01	ICD051W	04/22/0915:55	04/23/09

METHOD E300.0
NITRITE-N

Client : CH2M HILL
Project : KAFB-WP26
Batch No. : 09D233

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD051WB	ND	1	NA	0.100	0.0500	04/23/0911:07	NA	AD31-03	AD31-01	ICD051W	NA	NA
LCS1W	ICD051WL	2.15	1	NA	0.100	0.0500	04/23/0911:22	NA	AD31-04	AD31-01	ICD051W	NA	NA
LCD1W	ICD051WC	2.15	1	NA	0.100	0.0500	04/23/0911:38	NA	AD31-05	AD31-01	ICD051W	NA	NA
WP26-GW-2626-22042009	D233-01	ND	1	NA	0.100	0.0500	04/23/0912:25	NA	AD31-06	AD31-01	ICD051W	04/22/0915:41	04/23/09
WP26-GW-2626-22042009 FD	D233-02	ND	1	NA	0.100	0.0500	04/23/0912:40	NA	AD31-07	AD31-01	ICD051W	04/22/0915:46	04/23/09
WP26-GW-2625-22042009	D233-03	ND	1	NA	0.100	0.0500	04/23/0912:55	NA	AD31-08	AD31-01	ICD051W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009DUP	D233-03D	ND	1	NA	0.100	0.0500	04/23/0913:11	NA	AD31-09	AD31-01	ICD051W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MS	D233-03M	1.93	1	NA	0.100	0.0500	04/23/0913:26	NA	AD31-10	AD31-01	ICD051W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MSD	D233-03S	1.93	1	NA	0.100	0.0500	04/23/0913:41	NA	AD31-11	AD31-01	ICD051W	04/22/0915:55	04/23/09

METHOD E350.2
AMMONIA (NH3-N)

Client : CH2M HILL
Project : KAFB-WP26
Batch No. : 09D233

Matrix : WATER
Instrument ID : I70

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	NHE001WB	ND	1	NA	0.100	0.0500	05/04/0915:56	05/04/0912:55	NHE00113	NHE00109	NHE001W	NA	05/04/09
LCS1W	NHE001WL	0.533	1	NA	0.100	0.0500	05/04/0915:56	05/04/0912:55	NHE00114	NHE00109	NHE001W	NA	05/04/09
LCD1W	NHE001WC	0.553	1	NA	0.100	0.0500	05/04/0915:56	05/04/0912:55	NHE00115	NHE00109	NHE001W	NA	05/04/09
WP26-GW-2626-22042009	D233-01	ND	1	NA	0.100	0.0500	05/04/0915:57	05/04/0912:55	NHE00116	NHE00109	NHE001W	04/22/0915:41	04/23/09
WP26-GW-2626-22042009 FD	D233-02	ND	1	NA	0.100	0.0500	05/04/0915:57	05/04/0912:55	NHE00117	NHE00109	NHE001W	04/22/0915:46	04/23/09
WP26-GW-2625-22042009	D233-03	ND	1	NA	0.100	0.0500	05/04/0915:57	05/04/0912:55	NHE00118	NHE00109	NHE001W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MS	D233-03M	0.507	1	NA	0.100	0.0500	05/04/0915:57	05/04/0912:55	NHE00119	NHE00109	NHE001W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MSD	D233-03S	0.517	1	NA	0.100	0.0500	05/04/0915:57	05/04/0912:55	NHE00120	NHE00109	NHE001W	04/22/0915:55	04/23/09

METHOD E351.3
TKN

Client : CH2M HILL
Project : KAFB-WP26
Batch No. : 09D233

Matrix : WATER
Instrument ID : I70

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	KNE001WB	ND	1	NA	0.100	0.0500	05/05/0918:19	05/04/0911:00	KNE00113	KNE00109	KNE001W	NA	05/04/09
LCS1W	KNE001WL	1.10	1	NA	0.100	0.0500	05/05/0918:19	05/04/0911:00	KNE00114	KNE00109	KNE001W	NA	05/04/09
LCD1W	KNE001WC	1.11	1	NA	0.100	0.0500	05/05/0918:20	05/04/0911:00	KNE00115	KNE00109	KNE001W	NA	05/04/09
WP26-GW-2626-22042009	D233-01	0.173	1	NA	0.100	0.0500	05/05/0918:20	05/04/0911:00	KNE00116	KNE00109	KNE001W	04/22/0915:41	04/23/09
WP26-GW-2626-22042009 FD	D233-02	0.252	1	NA	0.100	0.0500	05/05/0918:20	05/04/0911:00	KNE00117	KNE00109	KNE001W	04/22/0915:46	04/23/09
WP26-GW-2625-22042009	D233-03	0.184	1	NA	0.100	0.0500	05/05/0918:20	05/04/0911:00	KNE00118	KNE00109	KNE001W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MS	D233-03M	1.19	1	NA	0.100	0.0500	05/05/0918:21	05/04/0911:00	KNE00119	KNE00109	KNE001W	04/22/0915:55	04/23/09
WP26-GW-2625-22042009MSD	D233-03S	1.13	1	NA	0.100	0.0500	05/05/0918:21	05/04/0911:00	KNE00120	KNE00109	KNE001W	04/22/0915:55	04/23/09

CH2M Hill Inc

Client Sample ID: WP26-GW-2625-22042009

HPLC

Lot-Sample #...:	D9D230340-001	**Work Order #...:**	LAMVQ1AA	**Matrix.....:**	WG
Date Sampled...:	04/22/09 15:55	**Date Received..:**	04/23/09		
Prep Date.....:	05/12/09	**Analysis Date..:**	05/15/09		
Prep Batch #...:	9132394	**Analysis Time..:**	21:05		
Dilution Factor:	10				
		Method.....:	SW846 6860		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Perchlorate	**1.4**	**0.50**	**ug/L**

CH2M Hill Inc

Client Sample ID: WP26-GW-2626-22042009

HPLC

Lot-Sample #...:	D9D230340-002	**Work Order #...:**	LAMWA1AA	**Matrix.....:**	WG
Date Sampled...:	04/22/09 15:41	**Date Received..:**	04/23/09		
Prep Date.....:	05/12/09	**Analysis Date..:**	05/15/09		
Prep Batch #...:	9132394	**Analysis Time..:**	22:33		
Dilution Factor:	10				
		Method.....:	SW846 6860		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Perchlorate	**1.5**	**0.50**	**ug/L**

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : CH2M HILL	Date Collected: 04/20/09
Project : KIRTLAND AFB-WP16	Date Received: 04/21/09
Batch No. : 09D197	Date Extracted: 04/30/09 22:30
Sample ID: KAFB-GW-6243-20042009	Date Analyzed: 04/30/09 22:30
Lab Samp ID: D197-01R	Dilution Factor: 1
Lab File ID: RDQ907	Matrix : WATER
Ext Btch ID: VO05D40	% Moisture : NA
Calib. Ref.: RDQ115	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	5.0	0.50
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2-DIBROMOETHANE (EDB)	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3-DICHLOROPROPANE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2,2-DICHLOROPROPANE	ND	1.0	0.20
2-CHLOROTOLUENE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMOCHLOROMETHANE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	1.0	0.30
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYLBENZENE	ND	1.0	0.20
M,P-XYLENE	ND	5.0	0.50
METHYLENE CHLORIDE	ND	1.0	0.50
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
NAPHTHALENE	ND	5.0	0.50
O-XYLENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	8.0	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	5.0	0.20
VINYL CHLORIDE	ND	1.0	0.20
ACETONE	ND	10	5.0
2-BUTANONE (MEK)	ND	10	5.0
METHYL TERT BUTYL ETHER (MTBE)	ND	1.0	0.20
2-HEXANONE	ND	10	0.20
4-METHYL-2-PENTANONE (MIBK)	ND	10	5.0
CARBON DISULFIDE	ND	5.0	0.20
1,2-DICHLOROETHENE (TOTAL)	ND	2.0	0.40
XYLENE (TOTAL)	ND	5.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-127
4-BROMOFLUOROBENZENE	100	78-118
TOLUENE-D8	98	83-125

METHOD 3520C/8270C SIM
PAH BY GC/MS SIM

Client	: CH2M HILL	Date Collected:	04/20/09
Project	: KIRTLAND AFB-WP16	Date Received:	04/21/09
Batch No.	: 09D197	Date Extracted:	04/27/09 17:00
Sample ID:	KAFB-GW-6243-20042009	Date Analyzed:	05/04/09 10:55
Lab Samp ID:	D197-01	Dilution Factor:	.94
Lab File ID:	REJ046	Matrix :	WATER
Ext Btch ID:	SVD044W	% Moisture :	NA
Calib. Ref.:	RCJ544	Instrument ID :	T-OE4

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ACENAPHTHENE	ND	0.094	0.0094
ACENAPHTHYLENE	ND	0.094	0.0094
ANTHRACENE	ND	0.094	0.0094
BENZO(A)ANTHRACENE	ND	0.094	0.0094
BENZO(A)PYRENE	ND	0.094	0.0094
BENZO(B)FLUORANTHENE	ND	0.094	0.0094
BENZO(K)FLUORANTHENE	ND	0.094	0.0094
BENZO(G,H,I)PERYLENE	ND	0.094	0.0094
CHRYSENE	ND	0.094	0.0094
DIBENZO(A,H)ANTHRACENE	ND	0.094	0.0094
FLUORANTHENE	ND	0.094	0.0094
FLUORENE	ND	0.094	0.0094
INDENO(1,2,3-CD)PYRENE	ND	0.094	0.0094
NAPHTHALENE	ND	0.094	0.0094
PHENANTHRENE	ND	0.094	0.0094
PYRENE	ND	0.094	0.0094

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TERPHENYL-D14	83	50-150

METHOD 3010A/6010B
CATIONS BY TRACE ICP

Client	: CH2M HILL	Date Collected:	04/20/09 16:59
Project	: KIRTLAND AFB-WP16	Date Received:	04/21/09
SDG NO.	: 09D197	Date Extracted:	04/22/09 10:00
Sample ID:	KAFB-GW-6243-20042009	Date Analyzed:	04/28/09 17:10
Lab Samp ID:	D197-01	Dilution Factor:	1
Lab File ID:	ID8D024021	Matrix :	WATER
Ext Btch ID:	IPD039W	% Moisture :	NA
Calib. Ref.:	ID8D024013	Instrument ID :	EMAXTID8

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
Calcium	44400	200	100
Magnesium	11500	200	100
Potassium	2450J	3000	1000
Sodium	31800	1000	100

METHOD 9056
BROMIDE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D197

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD036WB	ND	1	NA	1.00	0.250	04/21/0911:27	NA	AD24-03	AD24-01	ICD036W	NA	NA
LCS1W	ICD036WL	4.56	1	NA	1.00	0.250	04/21/0911:51	NA	AD24-04	AD24-01	ICD036W	NA	NA
LCD1W	ICD036WC	4.78	1	NA	1.00	0.250	04/21/0912:15	NA	AD24-05	AD24-01	ICD036W	NA	NA
KAFB-GW-6243-20042009	D197-01	ND	1	NA	1.00	0.250	04/21/0913:28	NA	AD24-08	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009DUP	D197-01D	ND	1	NA	1.00	0.250	04/21/0913:52	NA	AD24-09	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MS	D197-01M	4.89	1	NA	1.00	0.250	04/21/0914:17	NA	AD24-10	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MSD	D197-01S	4.84	1	NA	1.00	0.250	04/21/0914:41	NA	AD24-11	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009-FD	D197-02	ND	1	NA	1.00	0.250	04/21/0919:39	NA	AD24-23	AD24-13	ICD036W	04/20/0917:05	04/21/09

METHOD 9056
CHLORIDE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D197

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD036WB	ND	1	NA	1.00	0.100	04/21/0911:27	NA	AD24-03	AD24-01	ICD036W	NA	NA
LCS1W	ICD036WL	4.54	1	NA	1.00	0.100	04/21/0911:51	NA	AD24-04	AD24-01	ICD036W	NA	NA
LCD1W	ICD036WC	4.75	1	NA	1.00	0.100	04/21/0912:15	NA	AD24-05	AD24-01	ICD036W	NA	NA
KAFB-GW-6243-20042009	D197-01	14.0	1	NA	1.00	0.100	04/21/0913:28	NA	AD24-08	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009DUP	D197-01D	14.1	1	NA	1.00	0.100	04/21/0913:52	NA	AD24-09	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MS	D197-01M	18.6	1	NA	1.00	0.100	04/21/0914:17	NA	AD24-10	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MSD	D197-01S	18.4	1	NA	1.00	0.100	04/21/0914:41	NA	AD24-11	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009-FD	D197-02	13.9	1	NA	1.00	0.100	04/21/0919:39	NA	AD24-23	AD24-13	ICD036W	04/20/0917:05	04/21/09

METHOD 9056
FLUORIDE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D197

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD048WB	ND	1	NA	1.00	0.0500	04/29/0910:10	NA	AD34-03	AD34-01	ICD048W	NA	NA
LCS1W	ICD048WL	2.19	1	NA	1.00	0.0500	04/29/0910:33	NA	AD34-04	AD34-01	ICD048W	NA	NA
LCD1W	ICD048WC	2.19	1	NA	1.00	0.0500	04/29/0910:56	NA	AD34-05	AD34-01	ICD048W	NA	NA
KAFB-GW-6243-20042009	D197-01R	0.744J	1	NA	1.00	0.0500	04/29/0914:49	NA	AD34-15	AD34-13	ICD048W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009DUP	D197-01Z	0.753J	1	NA	1.00	0.0500	04/29/0915:13	NA	AD34-16	AD34-13	ICD048W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MS	D197-01G	2.91	1	NA	1.00	0.0500	04/29/0915:36	NA	AD34-17	AD34-13	ICD048W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MSD	D197-01H	2.92	1	NA	1.00	0.0500	04/29/0915:59	NA	AD34-18	AD34-13	ICD048W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009-FD	D197-02R	0.752J	1	NA	1.00	0.0500	04/29/0916:23	NA	AD34-19	AD34-13	ICD048W	04/20/0917:05	04/21/09

METHOD 9056
NITRATE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D197

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD036WB	ND	1	NA	1.00	0.0500	04/21/0911:27	NA	AD24-03	AD24-01	ICD036W	NA	NA
LCS1W	ICD036WL	1.84	1	NA	1.00	0.0500	04/21/0911:51	NA	AD24-04	AD24-01	ICD036W	NA	NA
LCD1W	ICD036WC	1.93	1	NA	1.00	0.0500	04/21/0912:15	NA	AD24-05	AD24-01	ICD036W	NA	NA
KAFB-GW-6243-20042009	D197-01	11.4	1	NA	1.00	0.0500	04/21/0913:28	NA	AD24-08	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009DUP	D197-01D	11.5	1	NA	1.00	0.0500	04/21/0913:52	NA	AD24-09	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MS	D197-01M	12.5	1	NA	1.00	0.0500	04/21/0914:17	NA	AD24-10	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MSD	D197-01S	12.4	1	NA	1.00	0.0500	04/21/0914:41	NA	AD24-11	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009-FD	D197-02	11.5	1	NA	1.00	0.0500	04/21/0919:39	NA	AD24-23	AD24-13	ICD036W	04/20/0917:05	04/21/09

METHOD 9056
NITRITE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D197

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD036WB	ND	1	NA	1.00	0.0500	04/21/0911:27	NA	AD24-03	AD24-01	ICD036W	NA	NA
LCS1W	ICD036WL	1.86	1	NA	1.00	0.0500	04/21/0911:51	NA	AD24-04	AD24-01	ICD036W	NA	NA
LCD1W	ICD036WC	1.94	1	NA	1.00	0.0500	04/21/0912:15	NA	AD24-05	AD24-01	ICD036W	NA	NA
KAFB-GW-6243-20042009	D197-01	ND	1	NA	1.00	0.0500	04/21/0913:28	NA	AD24-08	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009DUP	D197-01D	ND	1	NA	1.00	0.0500	04/21/0913:52	NA	AD24-09	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MS	D197-01M	1.89	1	NA	1.00	0.0500	04/21/0914:17	NA	AD24-10	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MSD	D197-01S	1.87	1	NA	1.00	0.0500	04/21/0914:41	NA	AD24-11	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009-FD	D197-02	ND	1	NA	1.00	0.0500	04/21/0919:39	NA	AD24-23	AD24-13	ICD036W	04/20/0917:05	04/21/09

METHOD 9056
SULFATE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D197

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD036WB	ND	1	NA	1.00	0.250	04/21/0911:27	NA	AD24-03	AD24-01	ICD036W	NA	NA
LCS1W	ICD036WL	4.66	1	NA	1.00	0.250	04/21/0911:51	NA	AD24-04	AD24-01	ICD036W	NA	NA
LCD1W	ICD036WC	4.87	1	NA	1.00	0.250	04/21/0912:15	NA	AD24-05	AD24-01	ICD036W	NA	NA
KAFB-GW-6243-20042009	D197-01	21.2	1	NA	1.00	0.250	04/21/0913:28	NA	AD24-08	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009DUP	D197-01D	21.4	1	NA	1.00	0.250	04/21/0913:52	NA	AD24-09	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MS	D197-01M	25.9	1	NA	1.00	0.250	04/21/0914:17	NA	AD24-10	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009MSD	D197-01S	25.9	1	NA	1.00	0.250	04/21/0914:41	NA	AD24-11	AD24-01	ICD036W	04/20/0916:59	04/21/09
KAFB-GW-6243-20042009-FD	D197-02	20.8	1	NA	1.00	0.250	04/21/0919:39	NA	AD24-23	AD24-13	ICD036W	04/20/0917:05	04/21/09

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: CH2M HILL	Date Collected:	04/23/09
Project	: KIRTLAND AFB-WP16	Date Received:	04/24/09
Batch No.	: 09D241	Date Extracted:	04/27/09 20:26
Sample ID:	WP16-GW-6241-23042009	Date Analyzed:	04/27/09 20:26
Lab Samp ID:	D241-01R	Dilution Factor:	1
Lab File ID:	RDQ772	Matrix	: WATER
Ext Btch ID:	VO05D33	% Moisture	: NA
Calib. Ref.:	RDQ115	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,1-DICHLOROPROPENE	ND	1.0	0.20
1,2,3-TRICHLOROBENZENE	ND	1.0	0.20
1,2,3-TRICHLOROPROPANE	ND	1.0	0.50
1,2,4-TRICHLOROBENZENE	ND	1.0	0.20
1,2,4-TRIMETHYLBENZENE	ND	1.0	0.20
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	5.0	0.50
1,2-DICHLOROBENZENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
1,2-DIBROMOETHANE (EDB)	ND	1.0	0.20
1,3,5-TRIMETHYLBENZENE	ND	1.0	0.20
1,3-DICHLOROBENZENE	ND	1.0	0.20
1,3-DICHLOROPROPANE	ND	1.0	0.20
1,4-DICHLOROBENZENE	ND	1.0	0.20
2,2-DICHLOROPROPANE	ND	1.0	0.20
2-CHLOROTOLUENE	ND	1.0	0.20
4-CHLOROTOLUENE	ND	1.0	0.20
BENZENE	ND	1.0	0.20
BROMOBENZENE	ND	1.0	0.20
BROMOCHLOROMETHANE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
DIBROMOMETHANE	ND	1.0	0.20
DICHLORODIFLUOROMETHANE	ND	1.0	0.30
ETHYLBENZENE	ND	1.0	0.20
HEXACHLOROBUTADIENE	ND	1.0	0.20
ISOPROPYLBENZENE	ND	1.0	0.20
M,P-XYLENE	ND	5.0	0.50
METHYLENE CHLORIDE	ND	1.0	0.50
N-BUTYLBENZENE	ND	1.0	0.20
N-PROPYLBENZENE	ND	1.0	0.20
NAPHTHALENE	ND	5.0	0.50
O-XYLENE	ND	1.0	0.20
P-ISOPROPYLTOLUENE	ND	1.0	0.20
SEC-BUTYLBENZENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TERT-BUTYLBENZENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	39	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
TRICHLOROFLUOROMETHANE	ND	5.0	0.20
VINYL CHLORIDE	ND	1.0	0.20
ACETONE	ND	10	5.0
2-BUTANONE (MEK)	ND	10	5.0
METHYL TERT BUTYL ETHER (MTBE)	ND	1.0	0.20
2-HEXANONE	ND	10	0.20
4-METHYL-2-PENTANONE (MIBK)	ND	10	5.0
CARBON DISULFIDE	ND	5.0	0.20
1,2-DICHLOROETHENE (TOTAL)	ND	2.0	0.40
XYLENE (TOTAL)	ND	5.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	70-127
4-BROMOFLUOROBENZENE	99	78-118
TOLUENE-D8	98	83-125

METHOD 3520C/8270C SIM
PAH BY GC/MS SIM

Client	: CH2M HILL	Date Collected:	04/23/09
Project	: KIRTLAND AFB-WP16	Date Received:	04/24/09
Batch No.	: 09D241	Date Extracted:	04/27/09 17:00
Sample ID:	WP16-GW-6241-23042009	Date Analyzed:	05/04/09 16:48
Lab Samp ID:	D241-01	Dilution Factor:	.94
Lab File ID:	REJ065	Matrix :	WATER
Ext Btch ID:	SVD044W	% Moisture :	NA
Calib. Ref.:	RCJ544	Instrument ID :	T-OE4

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
ACENAPHTHENE	ND	0.094	0.0094
ACENAPHTHYLENE	ND	0.094	0.0094
ANTHRACENE	ND	0.094	0.0094
BENZO(A)ANTHRACENE	ND	0.094	0.0094
BENZO(A)PYRENE	ND	0.094	0.0094
BENZO(B)FLUORANTHENE	ND	0.094	0.0094
BENZO(K)FLUORANTHENE	ND	0.094	0.0094
BENZO(G,H,I)PERYLENE	ND	0.094	0.0094
CHRYSENE	ND	0.094	0.0094
DIBENZO(A,H)ANTHRACENE	ND	0.094	0.0094
FLUORANTHENE	ND	0.094	0.0094
FLUORENE	ND	0.094	0.0094
INDENO(1,2,3-CD)PYRENE	ND	0.094	0.0094
NAPHTHALENE	ND	0.094	0.0094
PHENANTHRENE	ND	0.094	0.0094
PYRENE	ND	0.094	0.0094

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TERPHENYL-D14	56	50-150

METHOD 3010A/6010B
CATIONS BY TRACE ICP

Client	: CH2M HILL	Date Collected:	04/23/09 11:28
Project	: KIRTLAND AFB-WP16	Date Received:	04/24/09
SDG NO.	: 09D241	Date Extracted:	04/27/09 09:00
Sample ID:	WP16-GW-6241-23042009	Date Analyzed:	05/05/09 02:20
Lab Samp ID:	D241-01	Dilution Factor:	1
Lab File ID:	ID8E003106	Matrix :	WATER
Ext Btch ID:	IPD050W	% Moisture :	NA
Calib. Ref.:	ID8E003095	Instrument ID :	EMAXTID8

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
Calcium	42800	200	100
Magnesium	7190	200	100
Potassium	3090	3000	1000
Sodium	31600	1000	100

METHOD 9056
BROMIDE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D241

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD046WB	ND	1	NA	1.00	0.250	04/24/0911:04	NA	AD30-03	AD30-01	ICD046W	NA	NA
LCD1W	ICD046WC	5.07	1	NA	1.00	0.250	04/24/0911:54	NA	AD30-05	AD30-01	ICD046W	NA	NA
LCS1W	ICD046WX	5.09	1	NA	1.00	0.250	04/24/0912:18	NA	AD30-06	AD30-01	ICD046W	NA	NA
WP16-GW-6241-23042009	D241-01	ND	1	NA	1.00	0.250	04/24/0912:42	NA	AD30-07	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009DUP	D241-01D	ND	1	NA	1.00	0.250	04/24/0913:06	NA	AD30-08	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MS	D241-01M	5.34	1	NA	1.00	0.250	04/24/0913:31	NA	AD30-09	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MSD	D241-01S	5.35	1	NA	1.00	0.250	04/24/0913:55	NA	AD30-10	AD30-01	ICD046W	04/23/0911:28	04/24/09

METHOD 9056
CHLORIDE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D241

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD046WB	ND	1	NA	1.00	0.100	04/24/0911:04	NA	AD30-03	AD30-01	ICD046W	NA	NA
LCD1W	ICD046WC	4.98	1	NA	1.00	0.100	04/24/0911:54	NA	AD30-05	AD30-01	ICD046W	NA	NA
LCS1W	ICD046WX	5.00	1	NA	1.00	0.100	04/24/0912:18	NA	AD30-06	AD30-01	ICD046W	NA	NA
WP16-GW-6241-23042009	D241-01	9.44	1	NA	1.00	0.100	04/24/0912:42	NA	AD30-07	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009DUP	D241-01D	9.50	1	NA	1.00	0.100	04/24/0913:06	NA	AD30-08	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MS	D241-01M	14.3	1	NA	1.00	0.100	04/24/0913:31	NA	AD30-09	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MSD	D241-01S	14.3	1	NA	1.00	0.100	04/24/0913:55	NA	AD30-10	AD30-01	ICD046W	04/23/0911:28	04/24/09

METHOD 9056
FLUORIDE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D241

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD048WB	ND	1	NA	1.00	0.0500	04/29/0910:10	NA	AD34-03	AD34-01	ICD048W	NA	NA
LCS1W	ICD048WL	2.19	1	NA	1.00	0.0500	04/29/0910:33	NA	AD34-04	AD34-01	ICD048W	NA	NA
LCD1W	ICD048WC	2.19	1	NA	1.00	0.0500	04/29/0910:56	NA	AD34-05	AD34-01	ICD048W	NA	NA
WP16-GW-6241-23042009	D241-01R	0.601J	1	NA	1.00	0.0500	04/29/0911:43	NA	AD34-07	AD34-01	ICD048W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009DUP	D241-01Z	0.598J	1	NA	1.00	0.0500	04/29/0912:06	NA	AD34-08	AD34-01	ICD048W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MS	D241-01G	2.76	1	NA	1.00	0.0500	04/29/0912:30	NA	AD34-09	AD34-01	ICD048W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MSD	D241-01H	2.77	1	NA	1.00	0.0500	04/29/0912:53	NA	AD34-10	AD34-01	ICD048W	04/23/0911:28	04/24/09

METHOD 9056
NITRATE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D241

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD046WB	ND	1	NA	1.00	0.0500	04/24/0911:04	NA	AD30-03	AD30-01	ICD046W	NA	NA
LCD1W	ICD046WC	2.00	1	NA	1.00	0.0500	04/24/0911:54	NA	AD30-05	AD30-01	ICD046W	NA	NA
LCS1W	ICD046WX	2.01	1	NA	1.00	0.0500	04/24/0912:18	NA	AD30-06	AD30-01	ICD046W	NA	NA
WP16-GW-6241-23042009	D241-01	6.31	1	NA	1.00	0.0500	04/24/0912:42	NA	AD30-07	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009DUP	D241-01D	6.36	1	NA	1.00	0.0500	04/24/0913:06	NA	AD30-08	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MS	D241-01M	8.24	1	NA	1.00	0.0500	04/24/0913:31	NA	AD30-09	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MSD	D241-01S	8.25	1	NA	1.00	0.0500	04/24/0913:55	NA	AD30-10	AD30-01	ICD046W	04/23/0911:28	04/24/09

METHOD 9056
NITRITE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D241

Matrix : WATER
Instrument ID : I107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD046WB	ND	1	NA	1.00	0.0500	04/24/0911:04	NA	AD30-03	AD30-01	ICD046W	NA	NA
LCD1W	ICD046WC	2.02	1	NA	1.00	0.0500	04/24/0911:54	NA	AD30-05	AD30-01	ICD046W	NA	NA
LCS1W	ICD046WX	2.03	1	NA	1.00	0.0500	04/24/0912:18	NA	AD30-06	AD30-01	ICD046W	NA	NA
WP16-GW-6241-23042009	D241-01	ND	1	NA	1.00	0.0500	04/24/0912:42	NA	AD30-07	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009DUP	D241-01D	ND	1	NA	1.00	0.0500	04/24/0913:06	NA	AD30-08	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MS	D241-01M	1.90	1	NA	1.00	0.0500	04/24/0913:31	NA	AD30-09	AD30-01	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MSD	D241-01S	1.91	1	NA	1.00	0.0500	04/24/0913:55	NA	AD30-10	AD30-01	ICD046W	04/23/0911:28	04/24/09

METHOD 9056
SULFATE

Client : CH2M HILL
Project : KIRTLAND AFB-WP16
Batch No. : 09D241

Matrix : WATER
Instrument ID : 1107

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICD046WB	ND	1	NA	1.00	0.250	04/24/0911:04	NA	AD30-03	AD30-01	ICD046W	NA	NA
LCD1W	ICD046WC	5.21	1	NA	1.00	0.250	04/24/0911:54	NA	AD30-05	AD30-01	ICD046W	NA	NA
LCS1W	ICD046WX	5.22	1	NA	1.00	0.250	04/24/0912:18	NA	AD30-06	AD30-01	ICD046W	NA	NA
WP16-GW-6241-23042009	D241-01	28.6	2	NA	2.00	0.500	04/24/0917:09	NA	AD30-18	AD30-13	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009DUP	D241-01D	28.5	2	NA	2.00	0.500	04/24/0917:34	NA	AD30-19	AD30-13	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MS	D241-01M	38.1	2	NA	2.00	0.500	04/24/0917:58	NA	AD30-20	AD30-13	ICD046W	04/23/0911:28	04/24/09
WP16-GW-6241-23042009MSD	D241-01S	38.1	2	NA	2.00	0.500	04/24/0918:22	NA	AD30-21	AD30-13	ICD046W	04/23/0911:28	04/24/09

Jarocki, Karen/ABQ

From: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR [Mark.Holmes@kirtland.af.mil]
Sent: Friday, June 05, 2009 8:24 AM
To: Jarocki, Karen/ABQ; Brislen, Meredith/ABQ
Subject: FW: WP-26 and WP-16 disposal request, June 2009

Forwarding NMEDs approval to discharge the development/purge water for WP-26 and WP-16.

//Signed//
Mark Holmes
Project Manager
Environmental Management
Restoration Section
505 846-9005

-----Original Message-----
From: Schuman, George, NMENV [mailto:george.schuman@state.nm.us]
Sent: Friday, June 05, 2009 8:02 AM
To: Holmes, Mark D Civ USAF AFMC 377 MSG/CEANR
Subject: RE: WP-26 and WP-16 disposal request, June 2009

June 5, 2009

Mark,

I received your e-mail dated June 4, 2009 that contained analytical results from the analysis of ground water samples collected from monitoring wells associated with SWMU WP-26 (KAFB-2625 and 2626) and SWMU WP-16 (KAFB-6241 and 6243). Development and purge water from
KAFB-2625 and 2626 are stored in a single polytank at the WP-26 site (approximately 350 gallons). Development and purge water from KAFB-6243 is stored in a polytank at the well site (approximately 600 gallons).
Development and purge water from KAFB- 6241 is stored in drums at the well site (approximately 100 gallons).

My review of the lab results indicates that the standards of 20.6.2.3103 NMAC are not exceeded in the samples from KAFB-2625, KAFB-2626, or KAFB-6241. The ground water standard of 20.6.2.3103 NMAC for nitrate-nitrogen (10 mg/L) is exceeded in the ground water sample obtained from KAFB-6243 (11.4 mg/L). Given the modest nitrate-nitrogen concentration in the development/purge water and the appreciable depth to ground water (approximately 200 to 450 feet), it is unlikely discharge of the development/purge water associated with KAFB-6243 will result in the exceedance of 20.6.2.3103 standards in ground water beneath the discharge location. Therefore, a Discharge Permit is not required for the discharge of development and purge water associated with KAFB-2625, 2626, 6241, and 6243 to the ground surface at the storage locations. Discharge of the purge water must occur as described in your e-mail below. Please contact me if you have any questions or require additional information.

Sincerely,

George Schuman

Manager, Ground Water Pollution Prevention Section NMED-GWQB

Table D-1. Vapor Field Measurements Recorded During 2009 Soil Vapor Sampling, Solid Waste Management Unit WP-26, Sewage Lagoons

Sample Identification	Vapor Point/Well	Depth (ft bgs)	Sample Date	Soil Gas Purge Measurements				
				PID Reading (ppm)	Carbon Dioxide (percent)	Oxygen (percent)	Nitrogen (percent)	Methane (percent)
WP26-SV-0096-0025	SV-96	25	1/9/2009	NR	<0.01	19.0	balance	<0.01
WP26-SV-0096-0050		50	1/9/2009	NR	<0.01	18.0	balance	<0.01
WP26-SV-0096-0075		75	1/9/2009	NR	<0.01	18.0	balance	<0.01
WP26-SV-0097-0025	SV-97	25	1/11/2009	NR	0.06	19.4	balance	<0.01
WP26-SV-0097-0050		50	1/11/2009	NR	<0.01	19.0	balance	<0.01
WP26-SV-0097-0075		75	1/11/2009	NR	<0.01	18.7	balance	<0.01
WP26-SV-0097-0100		100	1/11/2009	NR	<0.01	18.2	balance	<0.01
WP26-SV-0098-0010	SV-98	10	2/2/2009	47.2	0.2	19.5	balance	<0.01
WP26-SV-0098-0025		25	1/13/2009	NR	0.03	19.5	balance	<0.01
WP26-SV-0098-0025-99		25	1/13/2009	NR	0.03	19.5	balance	<0.01
WP26-SV-0098-0050		50	1/13/2009	NR	0.02	18.8	balance	<0.01
WP26-SV-0098-0075		75	1/13/2009	NR	0.02	19.4	balance	<0.01
WP26-SV-0098-0100		100	1/13/2009	NR	0.01	19.1	balance	<0.01
WP26-SV-0099-0010	SV-99	10	2/2/2009	50.6	0.2	18.4	balance	<0.01
WP26-SV-0099-0025		25	1/11/2009	NR	0.06	19.6	balance	<0.01
WP26-SV-0099-0050		50	1/11/2009	NR	0.04	19.6	balance	<0.01
WP26-SV-0099-0075		75	1/11/2009	NR	<0.01	19.4	balance	<0.01
WP26-SV-0099-0100		100	1/11/2009	NR	0.02	19.5	balance	<0.01
WP26-SV-0099-0125		125	1/11/2009	NR	<0.01	19.2	balance	<0.01
WP26-SV-0099-0125-99		125	1/11/2009	NR	<0.01	19.2	balance	<0.01
WP26-SV-0100-0025	SV-100	25	1/12/2009	0.0	0.07	19.4	balance	<0.01
WP26-SV-0100-0050		50	1/12/2009	0.0	0.03	18.3	balance	<0.01
WP26-SV-0100-0075		75	1/12/2009	0.0	0.04	19.1	balance	<0.01
WP26-SV-0100-0100		100	1/12/2009	0.0	0.02	18.8	balance	<0.01
WP26-SV-0100-0111		111	1/12/2009	0.0	0.02	19.1	balance	<0.01
WP26-SV-0100-0111-99		111	1/12/2009	0.0	0.02	19.1	balance	<0.01
WP26-SV-0101-0010	SV-101	10	2/2/2009	0.0	<0.01	19.6	balance	<0.01
WP26-SV-0101-0025		25	1/14/2009	0.0	0.02	19.6	balance	<0.01
WP26-SV-0101-0050		50	1/14/2009	0.0	0.01	19.6	balance	<0.01
WP26-SV-0101-0075		75	1/14/2009	0.0	0.01	19.6	balance	<0.01
WP26-SV-0101-0100		100	1/14/2009	0.0	0.01	19.6	balance	<0.01
WP26-SV-0101-0127		127	1/14/2009	0.0	0.01	19.5	balance	<0.01
WP26-SV-0102-0025	SV-102	25	1/19/2009	0.9	0.5	19.9	balance	<0.01
WP26-SV-0102-0050		50	1/19/2009	0.5	0.3	19.7	balance	<0.01
WP26-SV-0102-0075		75	1/19/2009	0.0	0.2	19.7	balance	<0.01
WP26-SV-0102-0075-99		75	1/19/2009	0.0	0.2	19.7	balance	<0.01
WP26-SV-0102-0094		94	1/19/2009	1.3	0.1	19.4	balance	<0.01
WP26-SV-0103-0025	SV-103	25	1/19/2009	1.1	0.1	19.7	balance	<0.01
WP26-SV-0103-0050		50	1/19/2009	0.0	0.2	20.3	balance	<0.01
WP26-SV-0103-0075		75	1/19/2009	0.0	0.2	20.7	balance	<0.01
WP26-SV-0103-0106		106	1/19/2009	1.1	0.1	20.3	balance	<0.01
WP26-SV-0104-0025	SV-104	25	1/26/2009	2.1	0.4	18.4	balance	<0.01
WP26-SV-0104-0050		50	1/26/2009	0.3	0.4	18.8	balance	<0.01
WP26-SV-0104-0075		75	1/26/2009	0.1	0.2	19.2	balance	<0.01
WP26-SV-0104-0094		94	1/26/2009	0.1	0.1	19.2	balance	<0.01
WP26-SV-0104-0094-99		94	1/26/2009	0.1	0.1	19.2	balance	<0.01
WP26-SV-0105-0025	SV-105	25	2/2/2009	0.1	0.5	18.7	balance	<0.01
WP26-SV-0105-0050		50	2/2/2009	0.0	0.2	18.4	balance	<0.01
WP26-SV-0105-0075		75	2/2/2009	0.0	0.3	18.6	balance	<0.01
WP26-SV-0105-0100		103	2/2/2009	0.0	0.3	18.9	balance	<0.01
WP26-SV-0106-0025	SV-106	25	1/28/2009	0.0	0.2	19.3	balance	<0.01

Table D-1. Vapor Field Measurements Recorded During 2009 Soil Vapor Sampling, Solid Waste Management Unit WP-26, Sewage Lagoons

Sample Identification	Vapor Point/Well	Depth (ft bgs)	Sample Date	Soil Gas Purge Measurements				
				PID Reading (ppm)	Carbon Dioxide (percent)	Oxygen (percent)	Nitrogen (percent)	Methane (percent)
WP26-SV-0106-0050		50	1/28/2009	0.3	0.2	19.0	balance	<0.01
WP26-SV-0106-0075		75	1/28/2009	0.2	0.2	18.7	balance	<0.01
WP26-SV-0106-0100		100	1/26/2009	0.2	0.1	19.0	balance	<0.01
WP26-SV-0106-0127		127	1/26/2009	0.1	0.1	19.7	balance	<0.01
WP26-SV-0106-0127-99		127	1/26/2009	0.1	0.1	19.7	balance	<0.01
WP26-SV-0107-0025	SV-107	25	1/29/2009	0.0	<0.01	19.0	balance	<0.01
WP26-SV-0107-0050		50	1/29/2009	0.0	<0.01	19.0	balance	<0.01
WP26-SV-0107-0075		75	1/29/2009	0.0	<0.01	19.4	balance	<0.01
WP26-SV-0107-0100		100	1/29/2009	0.0	<0.01	19.4	balance	<0.01
WP26-SV-0107-0129		129	1/29/2009	0.0	0.1	19.2	balance	<0.01
WP26-SV-0108-0025	SV-108	25	2/2/2009	9.1	0.8	19.2	balance	<0.01
WP26-SV-0108-0050		50	2/2/2009	7.7	0.3	18.8	balance	<0.01
WP26-SV-0108-0075		75	2/2/2009	6.9	0.1	19.1	balance	<0.01
WP26-SV-0108-0100		100	2/2/2009	0.0	0.2	19.0	balance	<0.01
WP26-SV-0108-0114		114	2/2/2009	10.2	0.3	19.4	balance	<0.01
WP26-SV-0108-0114-99		114	2/2/2009	10.2	0.3	19.4	balance	<0.01
WP26-SV-0109-0025	SV-109	25	2/2/2009	12.5	0.3	19.4	balance	<0.01
WP26-SV-0109-0050		50	2/2/2009	12.2	0.2	18.8	balance	<0.01
WP26-SV-0109-0075		75	2/2/2009	9.8	0.2	18.7	balance	<0.01
WP26-SV-0109-0100		100	2/2/2009	5.0	0.3	18.6	balance	<0.01
WP26-SV-0110-0025	SV-110	25	2/2/2009	35.0	0.0	19.0	balance	<0.01
WP26-SV-0110-0050		50	2/2/2009	30.5	0.2	18.5	balance	<0.01
WP26-SV-0110-0075		75	2/2/2009	42.6	0.2	18.5	balance	<0.01
WP26-SV-0110-0100		100	2/2/2009	34.1	0.2	18.1	balance	<0.01
WP26-SV-0110-0125		125	2/2/2009	46.6	0.2	19.0	balance	<0.01
WP26-SV-0110-0125-99		125	2/2/2009	46.6	0.2	19.0	balance	<0.01
WP26-KAFB-2606-0010	KAFB-2606	10	2/2/2009	50.5	0.0	19.7	balance	<0.01
WP26-SV-0111-0150	SV-111	150	2/16/2009	0.0	0.1	18.3	balance	<0.01
WP26-SV-0111-0165		165	2/16/2009	0.0	0.2	18.7	balance	<0.01
WP26-SV-0111-0184		184	2/16/2009	0.0	0.4	18.1	balance	<0.01
WP26-SV-0111-0184-99		184	2/16/2009	0.0	0.4	18.1	balance	<0.01
WP26-SV-0112-0150	SV-112	150	2/16/2009	57.0	0.1	19.1	balance	<0.01
WP26-SV-0112-0175		175	2/16/2009	50.8	0.1	19.1	balance	<0.01
WP26-SV-0112-0205		205	2/16/2009	40.6	0.2	18.1	balance	<0.01
WP26-SV-2627-0215	KAFB-2627	215	4/14/2009	0.7	0.0	21.5	78.2	0.2
WP26-SV-2623-200-2	KAFB-2623	200	1/29/2009	0.1	0.2	19.1	balance	<0.01
WP26-SV-0504-0470-2	KAFB-0504	470	1/27/2009	0.0	<0.01	18.7	balance	<0.01

balance - 100 percent
ft bgs - feet below ground surface
KAFB - Kirtland Air Force Base
NR - not recorded
PID - photo ionization detector
ppm - parts per million
SV - soil vapor

Table D-2. Field Measurements Recorded During 2009 Groundwater Sampling
Solid Waste Management Unit WP-26, Sewage Lagoons

Sample Identifier	Well Identifier	Depth (ft bgs)	Sample Date	Purge Method	Volume Purged	Notes
WP26-GW-2625-22042009	KAFB-2625	205	4/22/2009	Bail	200 gallons	Well developed by bailing. Insufficient recharge to purge by pump. Water quality readings not stable due to bailing. Well bailed until clear and free of sand. Sampled the day after development.
WP26-GW-2626-22042009	KAFB-2626	205	4/22/2009	Bail	150 gallons	Well developed by bailing. Insufficient water present to purge by pump. Water quality readings not stable due to bailing. Well bailed until clear and free of sand. Sampled the day after development.
not applicable	KAFB-2627	210			0 gallons	Well is dry. No groundwater samples collected.

ft bgs - feet below ground surface

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APPENDIX E
Soil Vapor, Soil, and Groundwater Data Quality Evaluation Report

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ATTACHMENT 1

Data Validation Tables

ACRONYMS AND ABBREVIATIONS

AB	ambient blank
AFB	Air Force Base
CCV	continuing calibration verification
DQE	data quality evaluation
EB	equipment blank
EPA	U.S. Environmental Protection Agency
FD	field duplicate
LCS/LCSD	laboratory control spike/laboratory control spike duplicate
MS/MSD	matrix spike/matrix spike duplicate
NFG	national functional guidelines
PARCC	precision, accuracy, representativeness, comparability, and completeness
QAPP	quality assurance project plan
QC	quality control
%R	percent recovery
RL	reporting limit
RPD	relative percent difference
SDG	sample delivery group
SWMU	solid waste management unit
TB	trip blank
USAF	U.S. Air Force

E1.0 INTRODUCTION

This data quality evaluation (DQE) report presents the analytical results for soil, groundwater, and soil vapor samples collected from Solid Waste Management Unit (SWMU) WP-26, Former Sewage Lagoons, at Kirtland Air Force Base (AFB), New Mexico. Samples were collected January 6, 2009 through April 22, 2009. Guidance for this DQE report came from the *Resource Conservation and Recovery Act Facility Investigation Work Plan for Solid Waste Management Unit WP-26, Sewage Lagoons and Golf Course Main Pond Quality Assurance Project Pan (QAPP)* (U.S. Air Force [USAF], 2008), the *U.S. Environmental Protection Agency (EPA) Contract Laboratory National Functional Guidelines (NFG) for Inorganic Data Review* (EPA, 2004), the *EPA Contract Laboratory NFG for Organic Data Review* (EPA, 1999), and individual method requirements. The analytical results were evaluated using the criteria of precision, accuracy, representativeness, comparability, and completeness (PARCC).

E1.1 Analytical Data

This DQE report covers 81 normal soil vapor samples, 13 normal soil samples, 2 normal groundwater samples, one groundwater field duplicate sample (FD), 9 soil vapor FD samples, one soil FD sample, 2 ambient blank (AB) samples, 6 equipment blank (EB) samples, and 5 trip blank (TB) samples. The samples were reported as 25 sample delivery groups (SDG) listed in Table E-1. The samples were collected and delivered to EMAX Laboratories, Inc. in Torrance, California, TestAmerica in Denver, Colorado, and Hall Environmental Analysis Laboratory in Albuquerque, New Mexico. The samples were analyzed by one or more of the methods listed in Table E-2. Due to the size of some tables, all tables are located at the end of this document.

The analytical results were assessed by reviewing the following: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) calibration criteria; (4) method blanks and field blanks; (5) laboratory control spike (LCS)/laboratory control spike duplicate (LCSD) samples; (6) surrogate spike recoveries; (7) matrix spike (MS)/matrix spike duplicate (MSD) samples; (8) internal standard recoveries; and (9) the required quality control (QC) samples at the specified frequencies.

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

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

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

A summary of the qualified data is presented in Table E-3.

E2.0 DATA VERIFICATION RESULTS

E2.1 Completeness Evaluation

E2.1.1 Sampling Completeness

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

E2.1.2 Analytical Completeness

Analytical completeness was evaluated using the following equation:

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

Where:

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

All samples were analyzed according to the QAPP. Based on the results of the data verification, all data are considered valid as qualified. The analytical completeness goal of 95 percent was met for the project. The analytical results are listed in Table E-4.

E2.2 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.

E2.2.1 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 and preservation requirements. The sample holding times for this project are listed in Table E-5.

E2.2.2 Method Blank Samples

A method blank contains all the target analytes of interest and is carried through the same analytical procedures as the environmental samples. Method blanks were analyzed at the required frequency and were free of contamination with the following exceptions.
Methylene chloride was detected below the reporting limit (RL) in a method blank associated with the water SW8260B analysis. The associated sample results were not qualified because the samples did not contain reportable levels of methylene chloride. The results of the method blank analyses are presented in Table E-6.

E2.2.3 Field Blank Samples

The TB, EB, and AB samples were collected at the QAPP required frequency, analyzed, and were free of contamination with the following exceptions.

Acetone, methylene chloride, and 2-butanone were detected above the RL in the soil vapor AB samples and/or EB samples for method SW8260B. Sample results were qualified as not detected at the concentration measured and flagged "U" when the sample concentrations were less than 10 times the concentrations detected in the blanks. The results of the field blank analyses are presented in Table E-6.

E2.3 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, internal standard recoveries, MS/MSD recoveries, and surrogate spike recoveries.

E2.3.1 Calibration

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

The percent relative standard deviation of acetone was above the criterion in a soil vapor initial calibration for method SW8260B. One associated detected result was qualified as estimated and flagged "J".

Bromodichloromethane, 1-methylnaphthalene, bromomethane, and cis-1,3-dichloropropene were recovered below the lower control limits in the continuing calibration verifications (CCV) associated with the soil vapor SW8260B analysis, indicating associated results are possibly biased low. The associated data were qualified as estimated non-detected results and flagged "UJ".

Methylene chloride, acetone, and trichloroethene were recovered above the upper control limits in the CCVs associated with the soil vapor SW8260B analysis, indicating associated results are possibly biased high. The associated detected results were qualified as estimated and flagged "J". Non-detected results were not qualified.

E2.3.2 Laboratory Control Samples

The LCS/LCSD samples were analyzed to assess accuracy in the absence of matrix effects. The LCS/LCSD samples met accuracy criteria for this project with the following exceptions.

The recoveries of 12 analytes were below the lower control limits in the LCS samples associated with the soil vapor SW8260B analysis, indicating associated results are possibly biased low. The associated data were qualified as estimated detected and non-detected results and flagged "J" and "UJ", respectively.

The recoveries of four analytes were above the upper control limits in the LCS samples associated with the soil vapor SW8260B analysis, indicating associated results are possibly biased high. The associated detected results were qualified as estimated and flagged "J". Non-detected results were not qualified.

The recovery of hexachlorobutadiene was below the lower control limit in a LCS associated with the water SW8260B analysis, indicating associated results are possibly biased low. The associated data were qualified as estimated non-detected results and flagged "UJ".

E2.3.3 Internal Standards

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

The recovery of an internal standard was below the lower control limit in soil sample WP26-SO-2626-160 for method SW8260B, indicating associated sample results are possibly biased low. The associated data were qualified as estimated detected and non-detected results and flagged "J" and "UJ" respectively, in the sample.

E2.3.4 Matrix Spike Samples

Site specific MS/MSD samples were analyzed to assess accuracy and to identify possible matrix effects associated with the samples. Only the "parent" samples were qualified for MS issues, but data users should take into consideration low spike recoveries when evaluating other sites which may be similar to these sample locations. MS/MSD samples were analyzed as required and met all accuracy criteria with the following exceptions:

Hexachlorobutadiene and 1,2,3-trichlorobenzene were recovered below the lower control limits in the MS and MSD of soil sample WP26-SO-2625-0200 for method SW8260B, indicating the associated parent sample results are possibly biased low. The data were qualified as estimated and flagged "J" in the parent sample.

Styrene, hexachlorobutadiene and 1,2,4-trimethylbenzene were recovered below the lower control limits in the MSD of water sample WP26-GW-2625-22042009, indicating the associated parent sample results are possibly biased low. The data were qualified as estimated non-detected results and flagged "UJ" in the parent sample.
The recovery of cis-1,2-dichloroethene was greater than the upper control limit in the MS of water sample WP26-GW-2625-22042009, indicating the associated parent sample result is possibly biased high. The result was qualified as estimated and flagged "J" in the parent sample. Matrix spike results are presented in Table E-7.

E2.3.5 Surrogate Samples

Surrogate samples were added to the methods requiring their use and all QC criteria were met with the following exceptions:

One or more surrogates were recovered above the upper control limit in several soil samples for method SW8260B, indicating associated sample results are possibly biased high. The associated detected results were qualified as estimated and flagged "J". Non-detected results were not qualified.

E2.4 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 laboratory duplicate, FD, LCSD, and MSD RPD recoveries.

E2.4.1 Laboratory Duplicate Samples

Laboratory duplicates were analyzed for the methods requiring their use and all precision criteria were met with one exception.

The RPD of acetone was above the criterion in the laboratory duplicate analysis of soil vapor samples WP26-SV-0102-0050 and KAFB-2627-0215. The detected results in the samples were qualified as estimated and flagged "J".

E2.4.2 Field Duplicates Samples

FD samples were collected and analyzed as required and all precision criteria were met.

E2.4.3 Laboratory Control Sample Duplicates

LCSD samples were analyzed and met all precision criteria.

E2.4.4 Matrix Spike Duplicate Samples

MSD samples were analyzed as required and all acceptance criteria were met.

E2.5 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.

E3.0 OVERALL ASSESSMENTS

Review of laboratory control data and field QC indicators were used to assess the PARCC of vapor, soil, and groundwater samples collected by CH2M HILL at SWMU WP-26. 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), the project-specific QAPP (USAF, 2007), and individual method requirements.

Precision of the data was verified through the review of the field and laboratory data quality indicators that include laboratory duplicate, FD, LCSD, and MSD RPDs. Precision was generally acceptable with the exception one compound which was qualified as estimated due to laboratory duplicate RPD issues in two soil vapor samples. 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, internal standards, MS/MSD samples, and surrogate spike data. Accuracy was generally acceptable with a few compounds being qualified as estimated due to LCS, surrogate, calibration, internal standard and/or MS/MSD issues in all matrices. Data users should consider the impact to any result that is qualified as estimated as it may contain a bias which could affect the decision making process.

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

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

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

REFERENCES

EPA, 2004. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review.* U.S. Environmental Protection Agency. EPA540/R-04/004. October.

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

USAF, 2008. *Quality Assurance Project Plan for Kirtland Air Force Former Sewage Lagoon (WP-26).* U.S. Air Force, Kirtland Air Force Base, New Mexico. February.

ATTACHMENT 1
Data Validation Tables

Table E-1. Sample Delivery Groups for Solid Waste Management Unit WP-26, Vapor, Soil, and Groundwater Samples, January through April 2009

Sample Delivery Group	Laboratory
0901120	Hall Environmental Analysis Laboratory
0901125	Hall Environmental Analysis Laboratory
0901169	Hall Environmental Analysis Laboratory
0901187	Hall Environmental Analysis Laboratory
0901213	Hall Environmental Analysis Laboratory
0901252	Hall Environmental Analysis Laboratory
0901311	Hall Environmental Analysis Laboratory
0901349	Hall Environmental Analysis Laboratory
0901369	Hall Environmental Analysis Laboratory
0901374	Hall Environmental Analysis Laboratory
0901424	Hall Environmental Analysis Laboratory
0902004	Hall Environmental Analysis Laboratory
0902014	Hall Environmental Analysis Laboratory
0902146	Hall Environmental Analysis Laboratory
0904196	Hall Environmental Analysis Laboratory
09A110	EMAX Laboratory
09B019	EMAX Laboratory
09B237	EMAX Laboratory
09B285	EMAX Laboratory
09B318	EMAX Laboratory
09B319	EMAX Laboratory
09C012	EMAX Laboratory
09C085	EMAX Laboratory
09D233	EMAX Laboratory
D9D230340	TestAmerica

Table E-2. Summary of Analytical Parameters for Solid Waste Management Unit WP-26, Vapor, Soil, and Groundwater Samples, January through April 2009

Parameter	Method	Laboratory
Volatile Organic Compounds (VOCs)	SW8260B	EMAX Laboratories (soil and groundwater) Hall Environmental Analysis Laboratory (vapor)
Nitrate/Nitrite	E300	EMAX Laboratories
Ammonia	E350.2	EMAX Laboratories
Total Kjeldahl Nitrogen (TKN)	E351.3	EMAX Laboratories
Perchlorate	SW6860	TestAmerica

Table E-3. Summary of Data Qualification for Solid Waste Management Unit WP-26, Vapor, Soil, and Water Samples, January through April 2009 (Continued, Page 1 of 6)

Sample Identification	Method	Analyte	Final Result	Units	Final Flag	Validation Reason
KAFB-2627-0215	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
KAFB-2627-0215	SW8260B	ACETONE	0.21	UG/L	U	EB>RL, IC%RSD, CCV>UCL, Lab Dup RPD
KAFB-2627-0215	SW8260B	BENZENE	0.02	UG/L	UJ	LCS<LCL
KAFB-2627-0215	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
KAFB-2627-0215	SW8260B	CHLOROMETHANE	0.02	UG/L	UJ	LCS<LCL
KAFB-2627-0215	SW8260B	CIS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	CCV<LCL, LCS<LCL
KAFB-2627-0215	SW8260B	METHYLENE CHLORIDE	0.026	UG/L	U	EB>RL
KAFB-2627-0215	SW8260B	TOLUENE	0.02	UG/L	UJ	LCS<LCL
KAFB-2627-0215	SW8260B	TRANS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	LCS<LCL
KAFB-2627-0215	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-GW-2625-22042009	SW8260B	1,2,4-TRIMETHYLBENZENE	1	UG/L	UJ	SD<LCL
WP26-GW-2625-22042009	SW8260B	CIS-1,2-DICHLOROETHENE	0.32	UG/L	J	MS>UCL
WP26-GW-2625-22042009	SW8260B	HEXACHLOROBUTADIENE	1	UG/L	UJ	SD<LCL, LCS<LCL
WP26-GW-2625-22042009	SW8260B	STYRENE	1	UG/L	UJ	SD<LCL
WP26-GW-2626-22042009	SW8260B	HEXACHLOROBUTADIENE	1	UG/L	UJ	LCS<LCL
WP26-GW-2626-22042009FD	SW8260B	HEXACHLOROBUTADIENE	1	UG/L	UJ	LCS<LCL
WP26-KAFB-2606-0010	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SO-2625-0140	SW8260B	2-BUTANONE	4.9	UG/KG	J	Sur>UCL
WP26-SO-2625-0140	SW8260B	ACETONE	19	UG/KG	J	Sur>UCL
WP26-SO-2625-0160	SW8260B	ACETONE	15	UG/KG	J	Sur>UCL
WP26-SO-2625-0180	SW8260B	2-BUTANONE	11	UG/KG	J	Sur>UCL
WP26-SO-2625-0180	SW8260B	ACETONE	48	UG/KG	J	Sur>UCL
WP26-SO-2625-0180-99	SW8260B	2-BUTANONE	14	UG/KG	J	Sur>UCL
WP26-SO-2625-0180-99	SW8260B	ACETONE	59	UG/KG	J	Sur>UCL
WP26-SO-2625-0200	SW8260B	1,2,3-TRICHLOROBENZENE	5.2	UG/KG	UJ	MS<LCL, SD<LCL
WP26-SO-2625-0200	SW8260B	HEXACHLOROBUTADIENE	10	UG/KG	UJ	MS<LCL, SD<LCL
WP26-SO-2625-0220	SW8260B	ACETONE	5.3	UG/KG	J	Sur>UCL
WP26-SO-2626-100	SW8260B	2-HEXANONE	7	UG/KG	J	Sur>UCL
WP26-SO-2626-100	SW8260B	NAPHTHALENE	8	UG/KG	J	Sur>UCL
WP26-SO-2626-160	SW8260B	1,1,1-TRICHLOROETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,1,2,2-TETRACHLOROETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,1,2-TRICHLOROETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,1-DICHLOROETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,1-DICHLOROETHENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,1-DICHLOROPROPENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2,3-TRICHLOROBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2,3-TRICHLOROPROPANE	11	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2,4-TRICHLOROBENZENE	4	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	1,2,4-TRIMETHYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2-DIBROMO-3-CHLOROPROPANE	11	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2-DIBROMOETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2-DICHLOROBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2-DICHLOROETHANE	5.3	UG/KG	UJ	IS<LCL

Table E-3. Summary of Data Qualification for Solid Waste Management Unit WP-26, Vapor, Soil, and Water Samples, January through April 2009 (Continued, Page 2 of 6)

Sample Identification	Method	Analyte	Final Result	Units	Final Flag	Validation Reason
WP26-SO-2626-160	SW8260B	1,2-DICHLOROETHENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,2-DICHLOROPROPANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,3,5-TRIMETHYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,3-DICHLOROBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,3-DICHLOROPROPANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	1,4-DICHLOROBENZENE	2.4	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	2,2-DICHLOROPROPANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	2-BUTANONE	30	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	2-CHLOROTOLUENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	2-HEXANONE	14	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	4-CHLOROTOLUENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	4-METHYL-2-PENTANONE	5.3	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	ACETONE	21	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	BENZENE	3.2	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	BROMOBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	BROMOCHLOROMETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	BROMODICHLOROMETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	BROMOFORM	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	BROMOMETHANE	11	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	CARBON TETRACHLORIDE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	CHLOROBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	CHLOROETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	CHLOROFORM	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	CHLOROMETHANE	11	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	CIS-1,2-DICHLOROETHENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	CIS-1,3-DICHLOROPROPENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	DIBROMOCHLOROMETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	DIBROMOMETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	DICHLORODIFLUOROMETHANE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	ETHYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	HEXACHLOROBUTADIENE	11	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	ISOPROPYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	M,P-XYLENE	2.6	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	METHYL TERT BUTYL ETHER	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	METHYLENE CHLORIDE	11	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	NAPHTHALENE	46	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	N-BUTYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	N-PROPYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	O-XYLENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	SEC-BUTYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	STYRENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	TERT-BUTYLBENZENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	TETRACHLOROETHENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	TOLUENE	3.3	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-160	SW8260B	TRANS-1,2-DICHLOROETHENE	5.3	UG/KG	UJ	IS<LCL

Table E-3. Summary of Data Qualification for Solid Waste Management Unit WP-26, Vapor, Soil, and Water Samples, January through April 2009 (Continued, Page 3 of 6)

Sample Identification	Method	Analyte	Final Result	Units	Final Flag	Validation Reason
WP26-SO-2626-160	SW8260B	TRANS-1,3-DICHLOROPROPENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	TRICHLOROETHENE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	VINYL CHLORIDE	5.3	UG/KG	UJ	IS<LCL
WP26-SO-2626-160	SW8260B	XYLENE (TOTAL)	2.6	UG/KG	J	IS<LCL, Sur>UCL
WP26-SO-2626-180	SW8260B	2-BUTANONE	8.8	UG/KG	J	Sur>UCL
WP26-SO-2627-0140	SW8260B	2-BUTANONE	11	UG/KG	J	Sur>UCL
WP26-SO-2627-0140	SW8260B	ACETONE	50	UG/KG	J	Sur>UCL
WP26-SO-2627-0160	SW8260B	2-BUTANONE	7.4	UG/KG	J	Sur>UCL
WP26-SO-2627-0160	SW8260B	ACETONE	29	UG/KG	J	Sur>UCL
WP26-SO-2627-0160	SW8260B	METHYLENE CHLORIDE	2.9	UG/KG	J	Sur>UCL
WP26-SO-2627-0200	SW8260B	2-BUTANONE	7.4	UG/KG	J	Sur>UCL
WP26-SO-2627-0200	SW8260B	ACETONE	30	UG/KG	J	Sur>UCL
WP26-SV-0098-0010	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0098-0025	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	CCV<LCL, LCS<LCL
WP26-SV-0098-0025-99	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	CCV<LCL, LCS<LCL
WP26-SV-0098-0050	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	CCV<LCL, LCS<LCL
WP26-SV-0098-0075	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	CCV<LCL, LCS<LCL
WP26-SV-0098-0100	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	CCV<LCL, LCS<LCL
WP26-SV-0099-0010	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0025	SW8260B	1,2-DICHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0025	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0025	SW8260B	TRANS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0050	SW8260B	1,2-DICHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0050	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0050	SW8260B	TRANS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0075	SW8260B	1,2-DICHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0075	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0075	SW8260B	TRANS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0100	SW8260B	1,2-DICHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0100	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0100	SW8260B	TRANS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0111	SW8260B	1,2-DICHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0111	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0111	SW8260B	TRANS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0111-99	SW8260B	1,2-DICHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0111-99	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0100-0111-99	SW8260B	TRANS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0101-0010	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0101-0025	SW8260B	METHYLENE CHLORIDE	0.041	UG/L	J	CCV>UCL
WP26-SV-0101-0050	SW8260B	METHYLENE CHLORIDE	0.056	UG/L	J	CCV>UCL
WP26-SV-0101-0075	SW8260B	METHYLENE CHLORIDE	0.038	UG/L	J	CCV>UCL
WP26-SV-0101-0100	SW8260B	METHYLENE CHLORIDE	0.039	UG/L	J	CCV>UCL
WP26-SV-0101-0127	SW8260B	METHYLENE CHLORIDE	0.045	UG/L	J	CCV>UCL
WP26-SV-0102-0050	SW8260B	ACETONE	0.5	UG/L	J	Lab Dup RPD
WP26-SV-0104-0025	SW8260B	2-BUTANONE	1	UG/L	U	AB>RL

Table E-3. Summary of Data Qualification for Solid Waste Management Unit WP-26, Vapor, Soil, and Water Samples, January through April 2009 (Continued, Page 4 of 6)

Sample Identification	Method	Analyte	Final Result	Units	Final Flag	Validation Reason
WP26-SV-0104-0025	SW8260B	ACETONE	0.72	UG/L	U	AB>RL
WP26-SV-0104-0025	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0104-0025	SW8260B	CIS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0104-0025	SW8260B	METHYLENE CHLORIDE	0.09	UG/L	U	AB>RL, CCV>UCL
WP26-SV-0104-0050	SW8260B	ACETONE	0.84	UG/L	U	AB>RL
WP26-SV-0104-0050	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0104-0050	SW8260B	CIS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0104-0050	SW8260B	METHYLENE CHLORIDE	0.09	UG/L	U	AB>RL, CCV>UCL
WP26-SV-0105-0025	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0105-0025	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0105-0050	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0105-0050	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0105-0075	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0105-0075	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0105-0100	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0105-0100	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0106-0025	SW8260B	METHYLENE CHLORIDE	0.023	UG/L	J	CCV>UCL
WP26-SV-0106-0050	SW8260B	METHYLENE CHLORIDE	0.022	UG/L	J	CCV>UCL
WP26-SV-0106-0100	SW8260B	2-BUTANONE	0.14	UG/L	U	AB>RL
WP26-SV-0106-0100	SW8260B	ACETONE	0.56	UG/L	U	AB>RL
WP26-SV-0106-0100	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0106-0100	SW8260B	CIS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0106-0100	SW8260B	METHYLENE CHLORIDE	0.12	UG/L	U	AB>RL, CCV>UCL
WP26-SV-0106-0127	SW8260B	2-BUTANONE	0.13	UG/L	U	AB>RL
WP26-SV-0106-0127	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0106-0127	SW8260B	CIS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0106-0127	SW8260B	METHYLENE CHLORIDE	0.1	UG/L	U	AB>RL, CCV>UCL
WP26-SV-0106-0127-99	SW8260B	2-BUTANONE	0.15	UG/L	U	AB>RL
WP26-SV-0106-0127-99	SW8260B	ACETONE	0.55	UG/L	U	AB>RL
WP26-SV-0106-0127-99	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0106-0127-99	SW8260B	CIS-1,3-DICHLOROPROPENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0106-0127-99	SW8260B	METHYLENE CHLORIDE	0.096	UG/L	U	AB>RL, CCV>UCL
WP26-SV-0107-0025	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0107-0025	SW8260B	METHYLENE CHLORIDE	0.054	UG/L	J	CCV>UCL, LCS>UCL
WP26-SV-0107-0050	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0107-0050	SW8260B	METHYLENE CHLORIDE	0.067	UG/L	J	CCV>UCL, LCS>UCL
WP26-SV-0107-0075	SW8260B	BENZENE	0.024	UG/L	J	LCS>UCL
WP26-SV-0107-0075	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0107-0075	SW8260B	METHYLENE CHLORIDE	0.071	UG/L	J	CCV>UCL, LCS>UCL
WP26-SV-0107-0100	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0107-0100	SW8260B	METHYLENE CHLORIDE	0.045	UG/L	J	CCV>UCL, LCS>UCL
WP26-SV-0107-0129	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0107-0129	SW8260B	METHYLENE CHLORIDE	0.048	UG/L	J	CCV>UCL, LCS>UCL
WP26-SV-0107-0129	SW8260B	TRICHLOROETHENE	0.048	UG/L	J	CCV>UCL, LCS>UCL
WP26-SV-0108-0025	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL

Table E-3. Summary of Data Qualification for Solid Waste Management Unit WP-26, Vapor, Soil, and Water Samples, January through April 2009 (Continued, Page 5 of 6)

Sample Identification	Method	Analyte	Final Result	Units	Final Flag	Validation Reason
WP26-SV-0108-0025	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0108-0050	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0108-0050	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0108-0075	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0108-0075	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0108-0100	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0108-0100	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0108-0114	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0108-0114	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0108-0114-99	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0108-0114-99	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0109-0025	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0109-0025	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0109-0050	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0109-0050	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0109-0075	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0109-0075	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0109-0100	SW8260B	1-METHYLNAPHTHALENE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-0109-0100	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0110-0025	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0110-0050	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0110-0075	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0110-0100	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0110-0125	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0110-0125-99	SW8260B	BROMOMETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0150	SW8260B	1,2,4-TRICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0150	SW8260B	1,4-DICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0150	SW8260B	BENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0150	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0150	SW8260B	STYRENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0150	SW8260B	TOLUENE	1.1	UG/L	J	LCS<LCL
WP26-SV-0111-0150	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0165	SW8260B	1,2,4-TRICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0165	SW8260B	1,4-DICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0165	SW8260B	BENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0165	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0165	SW8260B	STYRENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0165	SW8260B	TOLUENE	0.84	UG/L	J	LCS<LCL
WP26-SV-0111-0165	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184	SW8260B	1,2,4-TRICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184	SW8260B	1,4-DICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184	SW8260B	BENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184	SW8260B	STYRENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184	SW8260B	TOLUENE	0.8	UG/L	J	LCS<LCL

Table E-3. Summary of Data Qualification for Solid Waste Management Unit WP-26, Vapor, Soil, and Water Samples, January through April 2009 (Continued, Page 6 of 6)

Sample Identification	Method	Analyte	Final Result	Units	Final Flag	Validation Reason
WP26-SV-0111-0184	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184-99	SW8260B	1,2,4-TRICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184-99	SW8260B	1,4-DICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184-99	SW8260B	BENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184-99	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184-99	SW8260B	STYRENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0111-0184-99	SW8260B	TOLUENE	0.81	UG/L	J	LCS<LCL
WP26-SV-0111-0184-99	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0150	SW8260B	1,2,4-TRICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0150	SW8260B	1,4-DICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0150	SW8260B	BENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0150	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0150	SW8260B	STYRENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0150	SW8260B	TOLUENE	31	UG/L	J	LCS<LCL
WP26-SV-0112-0150	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0175	SW8260B	1,2,4-TRICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0175	SW8260B	1,4-DICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0175	SW8260B	BENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0175	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0175	SW8260B	STYRENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0175	SW8260B	TOLUENE	28	UG/L	J	LCS<LCL
WP26-SV-0112-0175	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0205	SW8260B	1,2,4-TRICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0205	SW8260B	1,4-DICHLOROBENZENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0205	SW8260B	BENZENE	0.022	UG/L	J	LCS<LCL
WP26-SV-0112-0205	SW8260B	CHLOROETHANE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0205	SW8260B	STYRENE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0112-0205	SW8260B	TETRACHLOROETHENE	0.11	UG/L	J	LCS>UCL
WP26-SV-0112-0205	SW8260B	TOLUENE	26	UG/L	J	LCS<LCL
WP26-SV-0112-0205	SW8260B	VINYL CHLORIDE	0.02	UG/L	UJ	LCS<LCL
WP26-SV-0504-0470-2	SW8260B	METHYLENE CHLORIDE	0.049	UG/L	J	CCV>UCL
WP26-SV-2623-200-2	SW8260B	BROMODICHLOROMETHANE	0.02	UG/L	UJ	CCV<LCL
WP26-SV-2623-200-2	SW8260B	METHYLENE CHLORIDE	0.045	UG/L	J	CCV>UCL, LCS>UCL

AB>RL The analyte was detected in the ambient blank less than the reporting limit.
CCV<LCL Continuing calibration verification recovery below the lower control limit.
CCV>UCL Continuing calibration verification recovery above the upper control limit.
EB>RL The analyte was detected in the equipment blank greater than the reporting limit.
IC%RSD Initial calibration percent relative standard deviation exceeded the criterion.
IS<LCL Internal standard recovery below the lower control limit.
Lab Dup RPD The laboratory duplicate relative percent difference exceeded the criterion.
LCS<LCL Laboratory control sample recovery below the lower control limit.
LCS>UCL Laboratory control sample recovery above the upper control limit.
MS<LCL Matrix spike recovery less than the lower control limit.
MS>UCL Matrix spike recovery above the upper control limit.
SD<LCL Matrix spike duplicate recovery less than the lower control limit.
Sur>UCL Surrogate recovery above the upper control limit.
µg/L = microgram per liter
µg/kg= microgram per kilogram
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.
J= The analyte was positively identified; associated numerical value is the approximate concentration of the analyte in the sample

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	WP26-GW-2625-22042009	WATER	N	NITRATE	1.96	0.05	1	MG/L
	WP26-GW-2625-22042009	WATER	N	NITRITE	0.1 U	0.05	0.1	MG/L
	WP26-GW-2626-22042009	WATER	N	NITRATE	2.11	0.05	1	MG/L
	WP26-GW-2626-22042009	WATER	N	NITRITE	0.1 U	0.05	0.1	MG/L
	WP26-GW-2626-22042009FD	WATER	FD	NITRATE	2.13	0.05	1	MG/L
	WP26-GW-2626-22042009FD	WATER	FD	NITRITE	0.1 U	0.05	0.1	MG/L
	WP26-SO-2625-0140	SOIL	N	NITRATE	2.59	0.541	1.08	MG/KG
	WP26-SO-2625-0140	SOIL	N	NITRITE	1.08 U	0.541	1.08	MG/KG
	WP26-SO-2625-0160	SOIL	N	NITRATE	2.13	0.529	1.06	MG/KG
	WP26-SO-2625-0160	SOIL	N	NITRITE	1.06 U	0.529	1.06	MG/KG
	WP26-SO-2625-0180	SOIL	N	NITRATE	2.27	0.583	1.17	MG/KG
	WP26-SO-2625-0180	SOIL	N	NITRITE	1.17 U	0.583	1.17	MG/KG
	WP26-SO-2625-0180-99	SOIL	FD	NITRATE	2.13	0.577	1.15	MG/KG
	WP26-SO-2625-0180-99	SOIL	FD	NITRITE	1.15 U	0.577	1.15	MG/KG
	WP26-SO-2625-0200	SOIL	N	NITRATE	3.84	0.585	1.17	MG/KG
	WP26-SO-2625-0200	SOIL	N	NITRITE	0.925 J	0.585	1.17	MG/KG
	WP26-SO-2625-0220	SOIL	N	NITRATE	2.52	0.533	1.07	MG/KG
	WP26-SO-2625-0220	SOIL	N	NITRITE	1.07 U	0.533	1.07	MG/KG
	WP26-SO-2626-100	SOIL	N	NITRATE	0.928 J	0.511	1.02	MG/KG
	WP26-SO-2626-100	SOIL	N	NITRITE	1.02 U	0.511	1.02	MG/KG
	WP26-SO-2626-160	SOIL	N	NITRATE	1.3	0.529	1.06	MG/KG
	WP26-SO-2626-160	SOIL	N	NITRITE	1.06 U	0.529	1.06	MG/KG
	WP26-SO-2626-180	SOIL	N	NITRATE	1.6	0.628	1.26	MG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E300								
	WP26-SO-2626-180	SOIL	N	NITRITE	1.26 U	0.628	1.26	MG/KG
	WP26-SO-2626-200	SOIL	N	NITRATE	1.83	0.585	1.17	MG/KG
	WP26-SO-2626-200	SOIL	N	NITRITE	1.17 U	0.585	1.17	MG/KG
	WP26-SO-2627-0140	SOIL	N	NITRATE	1.83	0.525	1.05	MG/KG
	WP26-SO-2627-0140	SOIL	N	NITRITE	1.05 U	0.525	1.05	MG/KG
	WP26-SO-2627-0160	SOIL	N	NITRATE	0.982 J	0.545	1.09	MG/KG
	WP26-SO-2627-0160	SOIL	N	NITRITE	1.09 U	0.545	1.09	MG/KG
	WP26-SO-2627-0180	SOIL	N	NITRATE	1.07 J	0.539	1.08	MG/KG
	WP26-SO-2627-0180	SOIL	N	NITRITE	1.08 U	0.539	1.08	MG/KG
	WP26-SO-2627-0200	SOIL	N	NITRATE	2.51	0.577	1.15	MG/KG
	WP26-SO-2627-0200	SOIL	N	NITRITE	1.15 U	0.577	1.15	MG/KG
E350.2								
	WP26-GW-2625-22042009	WATER	N	AMMONIA (NH3-N)	0.1 U	0.05	0.1	MG/L
	WP26-GW-2626-22042009	WATER	N	AMMONIA (NH3-N)	0.1 U	0.05	0.1	MG/L
	WP26-GW-2626-22042009FD	WATER	FD	AMMONIA (NH3-N)	0.1 U	0.05	0.1	MG/L
	WP26-SO-2625-0140	SOIL	N	AMMONIA (NH3-N)	0.56 J	0.541	1.08	MG/KG
	WP26-SO-2625-0160	SOIL	N	AMMONIA (NH3-N)	0.76 J	0.529	1.06	MG/KG
	WP26-SO-2625-0180	SOIL	N	AMMONIA (NH3-N)	0.72 J	0.583	1.17	MG/KG
	WP26-SO-2625-0180-99	SOIL	FD	AMMONIA (NH3-N)	0.82 J	0.577	1.15	MG/KG
	WP26-SO-2625-0200	SOIL	N	AMMONIA (NH3-N)	0.72 J	0.585	1.17	MG/KG
	WP26-SO-2625-0220	SOIL	N	AMMONIA (NH3-N)	1.07 U	0.533	1.07	MG/KG
	WP26-SO-2626-100	SOIL	N	AMMONIA (NH3-N)	1.43	0.511	1.02	MG/KG
	WP26-SO-2626-160	SOIL	N	AMMONIA (NH3-N)	2.22	0.529	1.06	MG/KG
	WP26-SO-2626-180	SOIL	N	AMMONIA (NH3-N)	3.28	0.628	1.26	MG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
E350.2								
	WP26-SO-2626-200	SOIL	N	AMMONIA (NH3-N)	1.5	0.585	1.17	MG/KG
	WP26-SO-2627-0140	SOIL	N	AMMONIA (NH3-N)	1.33	0.525	1.05	MG/KG
	WP26-SO-2627-0160	SOIL	N	AMMONIA (NH3-N)	1.09 U	0.545	1.09	MG/KG
	WP26-SO-2627-0180	SOIL	N	AMMONIA (NH3-N)	1.08 U	0.539	1.08	MG/KG
	WP26-SO-2627-0200	SOIL	N	AMMONIA (NH3-N)	1.15 U	0.577	1.15	MG/KG
E351.3								
	WP26-GW-2625-22042009	WATER	N	TKN	0.184	0.05	0.1	MG/L
	WP26-GW-2626-22042009	WATER	N	TKN	0.173	0.05	0.1	MG/L
	WP26-GW-2626-22042009FD	WATER	FD	TKN	0.252	0.05	0.1	MG/L
	WP26-SO-2625-0140	SOIL	N	TKN	56	2.71	5.4	MG/KG
	WP26-SO-2625-0160	SOIL	N	TKN	44.7	2.65	5.3	MG/KG
	WP26-SO-2625-0180	SOIL	N	TKN	49	2.92	5.85	MG/KG
	WP26-SO-2625-0180-99	SOIL	FD	TKN	47.5	2.89	5.75	MG/KG
	WP26-SO-2625-0200	SOIL	N	TKN	40.8	2.93	5.85	MG/KG
	WP26-SO-2625-0220	SOIL	N	TKN	34.6	2.66	5.35	MG/KG
	WP26-SO-2626-100	SOIL	N	TKN	39.4	2.56	5.1	MG/KG
	WP26-SO-2626-160	SOIL	N	TKN	90.7	2.64	5.3	MG/KG
	WP26-SO-2626-180	SOIL	N	TKN	103	3.14	6.3	MG/KG
	WP26-SO-2626-200	SOIL	N	TKN	67.7	2.92	5.85	MG/KG
	WP26-SO-2627-0140	SOIL	N	TKN	42.3	2.63	5.25	MG/KG
	WP26-SO-2627-0160	SOIL	N	TKN	67.1	2.73	5.45	MG/KG
	WP26-SO-2627-0180	SOIL	N	TKN	50.2	2.7	5.4	MG/KG
	WP26-SO-2627-0200	SOIL	N	TKN	82.4	2.89	5.75	MG/KG
SW6860								

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW6860								
	WP26-GW-2625-22042009	WATER	N	Perchlorate	1.4	0.088	0.5	UG/L
	WP26-GW-2626-22042009	WATER	N	Perchlorate	1.5	0.088	0.5	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Perchlorate	1.5	0.088	0.5	UG/L
SW8260B								
	KAFB-2627-0215	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,1-Dichloroethane	0.023	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	KAFB-2627-0215	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	2-Butanone	0.055	0.04	0.04	UG/L
	KAFB-2627-0215	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	KAFB-2627-0215	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	KAFB-2627-0215	AIR	N	ACETONE	0.21 U	0.04	0.04	UG/L
	KAFB-2627-0215	AIR	N	Benzene	0.02 UJ	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	KAFB-2627-0215	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Chloromethane	0.02 UJ	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	cis-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	KAFB-2627-0215	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Methylene chloride	0.026 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	TCE	0.48	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Toluene	0.02 UJ	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	trans-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	KAFB-2627-0215	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-GW-2625-22042009	WATER	N	1,1,1-Trichloroethane	1 U	0.2	1	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2625-22042009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,1-Dichloroethane	2.7	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,1-Dichloroethene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,1-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2,3-Trichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2,3-Trichloropropane	1 U	0.5	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2,4-Trimethylbenzene	1 UJ	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	0.5	5	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2-dibromoethane (EDB)	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2-Dichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2-Dichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2-Dichloroethene (total)	2 U	0.4	2	UG/L
	WP26-GW-2625-22042009	WATER	N	1,2-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,3-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	1,4-Dichlorobenzene	0.44 J	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	2,2-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	2-Butanone	10 U	5	10	UG/L
	WP26-GW-2625-22042009	WATER	N	2-Chlorotoluene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	2-HEXANONE	10 U	5	10	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2625-22042009	WATER	N	4-Chlorotoluene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	4-Methyl-2-pentanone	10 U	5	10	UG/L
	WP26-GW-2625-22042009	WATER	N	ACETONE	10 U	5	10	UG/L
	WP26-GW-2625-22042009	WATER	N	Benzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Bromobenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Bromochloromethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Bromodichloromethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Bromoform	1 U	0.3	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Bromomethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Carbon tetrachloride	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Chlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Chloroethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Chloroform	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Chloromethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	cis-1,2-Dichloroethylene	0.32 J	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	cis-1,3-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Dibromochloromethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Dibromomethane	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Dichlorodifluoromethane	1 U	0.3	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Ethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Hexachlorobutadiene	1 UJ	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Isopropylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	M,P-XYLENE	5 U	0.5	5	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2625-22042009	WATER	N	Methyl tert-butyl ether	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Methylene chloride	1 U	0.5	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Naphthalene	5 U	0.5	5	UG/L
	WP26-GW-2625-22042009	WATER	N	n-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	n-Propylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	o-Xylene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Styrene	1 UJ	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	TCE	6.6	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Toluene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Trans-1,2-DCE	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	trans-1,3-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Vinyl chloride	1 U	0.2	1	UG/L
	WP26-GW-2625-22042009	WATER	N	Xylenes, Total	2 U	0.5	2	UG/L
	WP26-GW-2626-22042009	WATER	N	1,1,1-Trichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,1-Dichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,1-Dichloroethene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,1-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2,3-Trichlorobenzene	1 U	0.2	1	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2626-22042009	WATER	N	1,2,3-Trichloropropane	1 U	0.5	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2,4-Trichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2,4-Trimethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2-Dibromo-3-chloropropane	5 U	0.5	5	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2-dibromoethane (EDB)	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2-Dichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2-Dichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2-Dichloroethene (total)	2 U	0.4	2	UG/L
	WP26-GW-2626-22042009	WATER	N	1,2-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,3,5-Trimethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,3-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	1,4-Dichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	2,2-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	2-Butanone	10 U	5	10	UG/L
	WP26-GW-2626-22042009	WATER	N	2-Chlorotoluene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	2-HEXANONE	10 U	5	10	UG/L
	WP26-GW-2626-22042009	WATER	N	4-Chlorotoluene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	4-Methyl-2-pentanone	10 U	5	10	UG/L
	WP26-GW-2626-22042009	WATER	N	ACETONE	10 U	5	10	UG/L
	WP26-GW-2626-22042009	WATER	N	Benzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Bromobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Bromochloromethane	1 U	0.2	1	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2626-22042009	WATER	N	Bromodichloromethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Bromoform	1 U	0.3	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Bromomethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Carbon tetrachloride	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Chlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Chloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Chloroform	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Chloromethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	cis-1,2-Dichloroethylene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	cis-1,3-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Dibromochloromethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Dibromomethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Dichlorodifluoromethane	1 U	0.3	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Ethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Hexachlorobutadiene	1 UJ	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Isopropylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	M,P-XYLENE	5 U	0.5	5	UG/L
	WP26-GW-2626-22042009	WATER	N	Methyl tert-butyl ether	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Methylene chloride	1 U	0.5	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Naphthalene	5 U	0.5	5	UG/L
	WP26-GW-2626-22042009	WATER	N	n-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	n-Propylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	o-Xylene	1 U	0.2	1	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2626-22042009	WATER	N	sec-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Styrene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	TCE	0.28 J	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	tert-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Tetrachloroethene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Toluene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Trans-1,2-DCE	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	trans-1,3-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Vinyl chloride	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009	WATER	N	Xylenes, Total	2 U	0.5	2	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,1,1-Trichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,1,2,2-Tetrachloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,1,2-Trichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,1-Dichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,1-Dichloroethene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,1-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2,3-Trichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2,3-Trichloropropane	1 U	0.5	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2,4-Trichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2,4-Trimethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2-Dibromo-3-chloropropane	5 U	0.5	5	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2-dibromoethane (EDB)	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2-Dichlorobenzene	1 U	0.2	1	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2626-22042009FD	WATER	FD	1,2-Dichloroethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2-Dichloroethene (total)	2 U	0.4	2	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,2-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,3,5-Trimethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,3-Dichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,3-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	1,4-Dichlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	2,2-Dichloropropane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	2-Butanone	10 U	5	10	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	2-Chlorotoluene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	2-HEXANONE	10 U	5	10	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	4-Chlorotoluene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	4-Methyl-2-pentanone	10 U	5	10	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	ACETONE	10 U	5	10	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Benzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Bromobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Bromochloromethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Bromodichloromethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Bromoform	1 U	0.3	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Bromomethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Carbon tetrachloride	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Chlorobenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Chloroethane	1 U	0.2	1	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2626-22042009FD	WATER	FD	Chloroform	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Chloromethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	cis-1,2-Dichloroethylene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	cis-1,3-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Dibromochloromethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Dibromomethane	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Dichlorodifluoromethane	1 U	0.3	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Ethylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Hexachlorobutadiene	1 UJ	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Isopropylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	M,P-XYLENE	5 U	0.5	5	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Methyl tert-butyl ether	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Methylene chloride	1 U	0.5	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Naphthalene	5 U	0.5	5	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	n-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	n-Propylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	o-Xylene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	sec-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Styrene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	TCE	0.3 J	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	tert-Butylbenzene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Tetrachloroethene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Toluene	1 U	0.2	1	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-GW-2626-22042009FD	WATER	FD	Trans-1,2-DCE	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	trans-1,3-Dichloropropene	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Vinyl chloride	1 U	0.2	1	UG/L
	WP26-GW-2626-22042009FD	WATER	FD	Xylenes, Total	2 U	0.5	2	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-KAFB-2606-0010	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	2-Butanone	0.19	0.04	0.04	UG/L
	WP26-KAFB-2606-0010	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-KAFB-2606-0010	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-KAFB-2606-0010	AIR	N	ACETONE	0.2	0.04	0.04	UG/L
	WP26-KAFB-2606-0010	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-KAFB-2606-0010	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-KAFB-2606-0010	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Methylene chloride	0.052	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	TCE	0.031	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-KAFB-2606-0010	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0140	SOIL	N	1,1,1-Trichloroethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,1,2,2-Tetrachloroethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,1,2-Trichloroethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,1-Dichloroethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,1-Dichloroethene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,1-Dichloropropene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2,3-Trichlorobenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2,3-Trichloropropane	8.8 U	1.8	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2,4-Trichlorobenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2,4-Trimethylbenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2-Dibromo-3-chloropropane	8.8 U	1.8	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2-dibromoethane (EDB)	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2-Dichlorobenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2-Dichloroethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2-Dichloroethene (total)	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,2-Dichloropropane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,3,5-Trimethylbenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,3-Dichlorobenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,3-Dichloropropane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	1,4-Dichlorobenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	2,2-Dichloropropane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	2-Butanone	4.9 J	4.4	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	2-Chlorotoluene	4.4 U	1.8	4.4	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0140	SOIL	N	2-HEXANONE	8.8 U	4.4	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	4-Chlorotoluene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	4-Methyl-2-pentanone	8.8 U	4.4	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	ACETONE	19 J	4.4	18	UG/KG
	WP26-SO-2625-0140	SOIL	N	Benzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Bromobenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Bromochloromethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Bromodichloromethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Bromoform	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Bromomethane	8.8 U	1.8	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	Carbon tetrachloride	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Chlorobenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Chloroethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Chloroform	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Chloromethane	8.8 U	1.8	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	cis-1,2-Dichloroethylene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	cis-1,3-Dichloropropene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Dibromochloromethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Dibromomethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Dichlorodifluoromethane	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Ethylbenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Hexachlorobutadiene	8.8 U	1.8	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	Isopropylbenzene	4.4 U	1.8	4.4	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0140	SOIL	N	M,P-XYLENE	8.8 U	1.8	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	Methyl tert-butyl ether	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Methylene chloride	8.8 U	1.8	8.8	UG/KG
	WP26-SO-2625-0140	SOIL	N	Naphthalene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	n-Butylbenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	n-Propylbenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	o-Xylene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	sec-Butylbenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Styrene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	TCE	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	tert-Butylbenzene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Tetrachloroethene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Toluene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Trans-1,2-DCE	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	trans-1,3-Dichloropropene	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Vinyl chloride	4.4 U	1.8	4.4	UG/KG
	WP26-SO-2625-0140	SOIL	N	Xylenes, Total	13 U	1.8	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,1,1-Trichloroethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,1,2,2-Tetrachloroethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,1,2-Trichloroethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,1-Dichloroethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,1-Dichloroethene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,1-Dichloropropene	6.3 U	2.5	6.3	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0160	SOIL	N	1,2,3-Trichlorobenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2,3-Trichloropropane	13 U	2.5	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2,4-Trichlorobenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2,4-Trimethylbenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2-Dibromo-3-chloropropane	13 U	2.5	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2-dibromoethane (EDB)	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2-Dichlorobenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2-Dichloroethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2-Dichloroethene (total)	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,2-Dichloropropane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,3,5-Trimethylbenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,3-Dichlorobenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,3-Dichloropropane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	1,4-Dichlorobenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	2,2-Dichloropropane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	2-Butanone	13 U	6.3	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	2-Chlorotoluene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	2-HEXANONE	13 U	6.3	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	4-Chlorotoluene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	4-Methyl-2-pentanone	13 U	6.3	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	ACETONE	15 J	6.3	25	UG/KG
	WP26-SO-2625-0160	SOIL	N	Benzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Bromobenzene	6.3 U	2.5	6.3	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0160	SOIL	N	Bromochloromethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Bromodichloromethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Bromoform	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Bromomethane	13 U	2.5	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	Carbon tetrachloride	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Chlorobenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Chloroethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Chloroform	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Chloromethane	13 U	2.5	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	cis-1,2-Dichloroethylene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	cis-1,3-Dichloropropene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Dibromochloromethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Dibromomethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Dichlorodifluoromethane	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Ethylbenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Hexachlorobutadiene	13 U	2.5	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	Isopropylbenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	M,P-XYLENE	13 U	2.5	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	Methyl tert-butyl ether	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Methylene chloride	13 U	2.5	13	UG/KG
	WP26-SO-2625-0160	SOIL	N	Naphthalene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	n-Butylbenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	n-Propylbenzene	6.3 U	2.5	6.3	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0160	SOIL	N	o-Xylene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	sec-Butylbenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Styrene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	TCE	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	tert-Butylbenzene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Tetrachloroethene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Toluene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Trans-1,2-DCE	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	trans-1,3-Dichloropropene	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Vinyl chloride	6.3 U	2.5	6.3	UG/KG
	WP26-SO-2625-0160	SOIL	N	Xylenes, Total	19 U	2.5	19	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,1,1-Trichloroethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,1,2,2-Tetrachloroethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,1,2-Trichloroethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,1-Dichloroethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,1-Dichloroethene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,1-Dichloropropene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2,3-Trichlorobenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2,3-Trichloropropane	9.7 U	1.9	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2,4-Trichlorobenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2,4-Trimethylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2-Dibromo-3-chloropropane	9.7 U	1.9	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2-dibromoethane (EDB)	4.8 U	1.9	4.8	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0180	SOIL	N	1,2-Dichlorobenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2-Dichloroethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2-Dichloroethene (total)	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,2-Dichloropropane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,3,5-Trimethylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,3-Dichlorobenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,3-Dichloropropane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	1,4-Dichlorobenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	2,2-Dichloropropane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	2-Butanone	11 J	4.8	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	2-Chlorotoluene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	2-HEXANONE	9.7 U	4.8	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	4-Chlorotoluene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	4-Methyl-2-pentanone	9.7 U	4.8	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	ACETONE	48 J	4.8	19	UG/KG
	WP26-SO-2625-0180	SOIL	N	Benzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Bromobenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Bromochloromethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Bromodichloromethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Bromoform	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Bromomethane	9.7 U	1.9	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	Carbon tetrachloride	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Chlorobenzene	4.8 U	1.9	4.8	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0180	SOIL	N	Chloroethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Chloroform	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Chloromethane	9.7 U	1.9	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	cis-1,2-Dichloroethylene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	cis-1,3-Dichloropropene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Dibromochloromethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Dibromomethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Dichlorodifluoromethane	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Ethylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Hexachlorobutadiene	9.7 U	1.9	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	Isopropylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	M,P-XYLENE	9.7 U	1.9	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	Methyl tert-butyl ether	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Methylene chloride	9.7 U	1.9	9.7	UG/KG
	WP26-SO-2625-0180	SOIL	N	Naphthalene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	n-Butylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	n-Propylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	o-Xylene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	sec-Butylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Styrene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	TCE	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	tert-Butylbenzene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Tetrachloroethene	4.8 U	1.9	4.8	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0180	SOIL	N	Toluene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Trans-1,2-DCE	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	trans-1,3-Dichloropropene	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Vinyl chloride	4.8 U	1.9	4.8	UG/KG
	WP26-SO-2625-0180	SOIL	N	Xylenes, Total	15 U	1.9	15	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,1,1-Trichloroethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,1,2,2-Tetrachloroethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,1,2-Trichloroethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,1-Dichloroethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,1-Dichloroethene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,1-Dichloropropene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2,3-Trichlorobenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2,3-Trichloropropane	9.5 U	1.9	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2,4-Trichlorobenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2,4-Trimethylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2-Dibromo-3-chloropropane	9.5 U	1.9	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2-dibromoethane (EDB)	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2-Dichlorobenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2-Dichloroethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2-Dichloroethene (total)	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,2-Dichloropropane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,3,5-Trimethylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,3-Dichlorobenzene	4.7 U	1.9	4.7	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0180-99	SOIL	FD	1,3-Dichloropropane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	1,4-Dichlorobenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	2,2-Dichloropropane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	2-Butanone	14 J	4.7	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	2-Chlorotoluene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	2-HEXANONE	9.5 U	4.7	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	4-Chlorotoluene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	4-Methyl-2-pentanone	9.5 U	4.7	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	ACETONE	59 J	4.7	19	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Benzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Bromobenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Bromochloromethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Bromodichloromethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Bromoform	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Bromomethane	9.5 U	1.9	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Carbon tetrachloride	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Chlorobenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Chloroethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Chloroform	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Chloromethane	9.5 U	1.9	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	cis-1,2-Dichloroethylene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	cis-1,3-Dichloropropene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Dibromochloromethane	4.7 U	1.9	4.7	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0180-99	SOIL	FD	Dibromomethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Dichlorodifluoromethane	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Ethylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Hexachlorobutadiene	9.5 U	1.9	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Isopropylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	M,P-XYLENE	9.5 U	1.9	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Methyl tert-butyl ether	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Methylene chloride	9.5 U	1.9	9.5	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Naphthalene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	n-Butylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	n-Propylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	o-Xylene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	sec-Butylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Styrene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	TCE	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	tert-Butylbenzene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Tetrachloroethene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Toluene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Trans-1,2-DCE	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	trans-1,3-Dichloropropene	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Vinyl chloride	4.7 U	1.9	4.7	UG/KG
	WP26-SO-2625-0180-99	SOIL	FD	Xylenes, Total	14 U	1.9	14	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,1,1-Trichloroethane	5.2 U	2.1	5.2	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0200	SOIL	N	1,1,2,2-Tetrachloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,1,2-Trichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,1-Dichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,1-Dichloroethene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,1-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2,3-Trichlorobenzene	5.2 UJ	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2,3-Trichloropropane	10 U	2.1	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2,4-Trichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2,4-Trimethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2-Dibromo-3-chloropropane	10 U	2.1	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2-dibromoethane (EDB)	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2-Dichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2-Dichloroethene (total)	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,2-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,3,5-Trimethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,3-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,3-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	1,4-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	2,2-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	2-Butanone	10 U	5.2	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	2-Chlorotoluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	2-HEXANONE	10 U	5.2	10	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0200	SOIL	N	4-Chlorotoluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	4-Methyl-2-pentanone	10 U	5.2	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	ACETONE	21 U	5.2	21	UG/KG
	WP26-SO-2625-0200	SOIL	N	Benzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Bromobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Bromochloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Bromodichloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Bromoform	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Bromomethane	10 U	2.1	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	Carbon tetrachloride	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Chlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Chloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Chloroform	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Chloromethane	10 U	2.1	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	cis-1,2-Dichloroethylene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	cis-1,3-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Dibromochloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Dibromomethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Dichlorodifluoromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Ethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Hexachlorobutadiene	10 UJ	2.1	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	Isopropylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	M,P-XYLENE	10 U	2.1	10	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0200	SOIL	N	Methyl tert-butyl ether	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Methylene chloride	10 U	2.1	10	UG/KG
	WP26-SO-2625-0200	SOIL	N	Naphthalene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	n-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	n-Propylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	o-Xylene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	sec-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Styrene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	TCE	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	tert-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Tetrachloroethene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Toluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Trans-1,2-DCE	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	trans-1,3-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Vinyl chloride	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2625-0200	SOIL	N	Xylenes, Total	16 U	2.1	16	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,1,1-Trichloroethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,1,2,2-Tetrachloroethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,1,2-Trichloroethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,1-Dichloroethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,1-Dichloroethene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,1-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2,3-Trichlorobenzene	5 U	2	5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0220	SOIL	N	1,2,3-Trichloropropane	9.9 U	2	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2,4-Trichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2,4-Trimethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2-Dibromo-3-chloropropane	9.9 U	2	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2-dibromoethane (EDB)	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2-Dichloroethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2-Dichloroethene (total)	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,2-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,3,5-Trimethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,3-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,3-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	1,4-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	2,2-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	2-Butanone	9.9 U	5	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	2-Chlorotoluene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	2-HEXANONE	9.9 U	5	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	4-Chlorotoluene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	4-Methyl-2-pentanone	9.9 U	5	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	ACETONE	5.3 J	5	20	UG/KG
	WP26-SO-2625-0220	SOIL	N	Benzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Bromobenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Bromochloromethane	5 U	2	5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0220	SOIL	N	Bromodichloromethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Bromoform	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Bromomethane	9.9 U	2	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	Carbon tetrachloride	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Chlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Chloroethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Chloroform	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Chloromethane	9.9 U	2	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	cis-1,2-Dichloroethylene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	cis-1,3-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Dibromochloromethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Dibromomethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Dichlorodifluoromethane	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Ethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Hexachlorobutadiene	9.9 U	2	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	Isopropylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	M,P-XYLENE	9.9 U	2	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	Methyl tert-butyl ether	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Methylene chloride	9.9 U	2	9.9	UG/KG
	WP26-SO-2625-0220	SOIL	N	Naphthalene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	n-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	n-Propylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	o-Xylene	5 U	2	5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2625-0220	SOIL	N	sec-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Styrene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	TCE	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	tert-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Tetrachloroethene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Toluene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Trans-1,2-DCE	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	trans-1,3-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Vinyl chloride	5 U	2	5	UG/KG
	WP26-SO-2625-0220	SOIL	N	Xylenes, Total	15 U	2	15	UG/KG
	WP26-SO-2626-100	SOIL	N	1,1,1-Trichloroethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,1,2,2-Tetrachloroethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,1,2-Trichloroethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,1-Dichloroethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,1-Dichloroethene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,1-Dichloropropene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2,3-Trichlorobenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2,3-Trichloropropane	12 U	2.5	12	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2,4-Trichlorobenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2,4-Trimethylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2-Dibromo-3-chloropropane	12 U	2.5	12	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2-dibromoethane (EDB)	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2-Dichlorobenzene	6.1 U	2.5	6.1	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-100	SOIL	N	1,2-Dichloroethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2-Dichloroethene (total)	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,2-Dichloropropane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,3,5-Trimethylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,3-Dichlorobenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,3-Dichloropropane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	1,4-Dichlorobenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	2,2-Dichloropropane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	2-Butanone	12 U	6.1	12	UG/KG
	WP26-SO-2626-100	SOIL	N	2-Chlorotoluene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	2-HEXANONE	7 J	6.1	12	UG/KG
	WP26-SO-2626-100	SOIL	N	4-Chlorotoluene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	4-Methyl-2-pentanone	12 U	6.1	12	UG/KG
	WP26-SO-2626-100	SOIL	N	ACETONE	25 U	6.1	25	UG/KG
	WP26-SO-2626-100	SOIL	N	Benzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Bromobenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Bromochloromethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Bromodichloromethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Bromoform	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Bromomethane	12 U	2.5	12	UG/KG
	WP26-SO-2626-100	SOIL	N	Carbon tetrachloride	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Chlorobenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Chloroethane	6.1 U	2.5	6.1	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-100	SOIL	N	Chloroform	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Chloromethane	12 U	2.5	12	UG/KG
	WP26-SO-2626-100	SOIL	N	cis-1,2-Dichloroethylene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	cis-1,3-Dichloropropene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Dibromochloromethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Dibromomethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Dichlorodifluoromethane	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Ethylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Hexachlorobutadiene	12 U	2.5	12	UG/KG
	WP26-SO-2626-100	SOIL	N	Isopropylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	M,P-XYLENE	12 U	2.5	12	UG/KG
	WP26-SO-2626-100	SOIL	N	Methyl tert-butyl ether	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Methylene chloride	12 U	2.5	12	UG/KG
	WP26-SO-2626-100	SOIL	N	Naphthalene	8 J	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	n-Butylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	n-Propylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	o-Xylene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	sec-Butylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Styrene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	TCE	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	tert-Butylbenzene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Tetrachloroethene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Toluene	6.1 U	2.5	6.1	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-100	SOIL	N	Trans-1,2-DCE	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	trans-1,3-Dichloropropene	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Vinyl chloride	6.1 U	2.5	6.1	UG/KG
	WP26-SO-2626-100	SOIL	N	Xylenes, Total	18 U	2.5	18	UG/KG
	WP26-SO-2626-160	SOIL	N	1,1,1-Trichloroethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,1,2,2-Tetrachloroethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,1,2-Trichloroethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,1-Dichloroethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,1-Dichloroethene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,1-Dichloropropene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2,3-Trichlorobenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2,3-Trichloropropane	11 UJ	2.1	11	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2,4-Trichlorobenzene	4 J	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2,4-Trimethylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2-Dibromo-3-chloropropane	11 UJ	2.1	11	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2-dibromoethane (EDB)	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2-Dichlorobenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2-Dichloroethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2-Dichloroethene (total)	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,2-Dichloropropane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,3,5-Trimethylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,3-Dichlorobenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	1,3-Dichloropropane	5.3 UJ	2.1	5.3	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-160	SOIL	N	1,4-Dichlorobenzene	2.4 J	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	2,2-Dichloropropane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	2-Butanone	30 J	5.3	11	UG/KG
	WP26-SO-2626-160	SOIL	N	2-Chlorotoluene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	2-HEXANONE	14 J	5.3	11	UG/KG
	WP26-SO-2626-160	SOIL	N	4-Chlorotoluene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	4-Methyl-2-pentanone	5.3 J	5.3	11	UG/KG
	WP26-SO-2626-160	SOIL	N	ACETONE	21 UJ	5.3	21	UG/KG
	WP26-SO-2626-160	SOIL	N	Benzene	3.2 J	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Bromobenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Bromochloromethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Bromodichloromethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Bromoform	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Bromomethane	11 UJ	2.1	11	UG/KG
	WP26-SO-2626-160	SOIL	N	Carbon tetrachloride	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Chlorobenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Chloroethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Chloroform	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Chloromethane	11 UJ	2.1	11	UG/KG
	WP26-SO-2626-160	SOIL	N	cis-1,2-Dichloroethylene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	cis-1,3-Dichloropropene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Dibromochloromethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Dibromomethane	5.3 UJ	2.1	5.3	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-160	SOIL	N	Dichlorodifluoromethane	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Ethylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Hexachlorobutadiene	11 UJ	2.1	11	UG/KG
	WP26-SO-2626-160	SOIL	N	Isopropylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	M,P-XYLENE	2.6 J	2.1	11	UG/KG
	WP26-SO-2626-160	SOIL	N	Methyl tert-butyl ether	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Methylene chloride	11 UJ	2.1	11	UG/KG
	WP26-SO-2626-160	SOIL	N	Naphthalene	46 J	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	n-Butylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	n-Propylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	o-Xylene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	sec-Butylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Styrene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	TCE	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	tert-Butylbenzene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Tetrachloroethene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Toluene	3.3 J	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Trans-1,2-DCE	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	trans-1,3-Dichloropropene	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Vinyl chloride	5.3 UJ	2.1	5.3	UG/KG
	WP26-SO-2626-160	SOIL	N	Xylenes, Total	2.6 J	2.1	16	UG/KG
	WP26-SO-2626-180	SOIL	N	1,1,1-Trichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,1,2,2-Tetrachloroethane	5.5 U	2.2	5.5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-180	SOIL	N	1,1,2-Trichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,1-Dichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,1-Dichloroethene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,1-Dichloropropene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2,3-Trichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2,3-Trichloropropane	11 U	2.2	11	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2,4-Trichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2,4-Trimethylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2-Dibromo-3-chloropropane	11 U	2.2	11	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2-dibromoethane (EDB)	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2-Dichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2-Dichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2-Dichloroethene (total)	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,2-Dichloropropane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,3,5-Trimethylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,3-Dichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,3-Dichloropropane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	1,4-Dichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	2,2-Dichloropropane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	2-Butanone	8.8 J	5.5	11	UG/KG
	WP26-SO-2626-180	SOIL	N	2-Chlorotoluene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	2-HEXANONE	11 U	5.5	11	UG/KG
	WP26-SO-2626-180	SOIL	N	4-Chlorotoluene	5.5 U	2.2	5.5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-180	SOIL	N	4-Methyl-2-pentanone	11 U	5.5	11	UG/KG
	WP26-SO-2626-180	SOIL	N	ACETONE	22 U	5.5	22	UG/KG
	WP26-SO-2626-180	SOIL	N	Benzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Bromobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Bromochloromethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Bromodichloromethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Bromoform	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Bromomethane	11 U	2.2	11	UG/KG
	WP26-SO-2626-180	SOIL	N	Carbon tetrachloride	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Chlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Chloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Chloroform	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Chloromethane	11 U	2.2	11	UG/KG
	WP26-SO-2626-180	SOIL	N	cis-1,2-Dichloroethylene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	cis-1,3-Dichloropropene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Dibromochloromethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Dibromomethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Dichlorodifluoromethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Ethylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Hexachlorobutadiene	11 U	2.2	11	UG/KG
	WP26-SO-2626-180	SOIL	N	Isopropylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	M,P-XYLENE	11 U	2.2	11	UG/KG
	WP26-SO-2626-180	SOIL	N	Methyl tert-butyl ether	5.5 U	2.2	5.5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-180	SOIL	N	Methylene chloride	11 U	2.2	11	UG/KG
	WP26-SO-2626-180	SOIL	N	Naphthalene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	n-Butylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	n-Propylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	o-Xylene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	sec-Butylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Styrene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	TCE	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	tert-Butylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Tetrachloroethene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Toluene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Trans-1,2-DCE	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	trans-1,3-Dichloropropene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Vinyl chloride	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2626-180	SOIL	N	Xylenes, Total	17 U	2.2	17	UG/KG
	WP26-SO-2626-200	SOIL	N	1,1,1-Trichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,1,2,2-Tetrachloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,1,2-Trichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,1-Dichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,1-Dichloroethene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,1-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2,3-Trichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2,3-Trichloropropane	10 U	2.1	10	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-200	SOIL	N	1,2,4-Trichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2,4-Trimethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2-Dibromo-3-chloropropane	10 U	2.1	10	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2-dibromoethane (EDB)	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2-Dichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2-Dichloroethene (total)	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,2-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,3,5-Trimethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,3-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,3-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	1,4-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	2,2-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	2-Butanone	10 U	5.2	10	UG/KG
	WP26-SO-2626-200	SOIL	N	2-Chlorotoluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	2-HEXANONE	10 U	5.2	10	UG/KG
	WP26-SO-2626-200	SOIL	N	4-Chlorotoluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	4-Methyl-2-pentanone	10 U	5.2	10	UG/KG
	WP26-SO-2626-200	SOIL	N	ACETONE	21 U	5.2	21	UG/KG
	WP26-SO-2626-200	SOIL	N	Benzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Bromobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Bromochloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Bromodichloromethane	5.2 U	2.1	5.2	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-200	SOIL	N	Bromoform	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Bromomethane	10 U	2.1	10	UG/KG
	WP26-SO-2626-200	SOIL	N	Carbon tetrachloride	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Chlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Chloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Chloroform	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Chloromethane	10 U	2.1	10	UG/KG
	WP26-SO-2626-200	SOIL	N	cis-1,2-Dichloroethylene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	cis-1,3-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Dibromochloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Dibromomethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Dichlorodifluoromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Ethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Hexachlorobutadiene	10 U	2.1	10	UG/KG
	WP26-SO-2626-200	SOIL	N	Isopropylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	M,P-XYLENE	10 U	2.1	10	UG/KG
	WP26-SO-2626-200	SOIL	N	Methyl tert-butyl ether	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Methylene chloride	10 U	2.1	10	UG/KG
	WP26-SO-2626-200	SOIL	N	Naphthalene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	n-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	n-Propylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	o-Xylene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	sec-Butylbenzene	5.2 U	2.1	5.2	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2626-200	SOIL	N	Styrene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	TCE	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	tert-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Tetrachloroethene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Toluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Trans-1,2-DCE	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	trans-1,3-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Vinyl chloride	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2626-200	SOIL	N	Xylenes, Total	15 U	2.1	15	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,1,1-Trichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,1,2,2-Tetrachloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,1,2-Trichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,1-Dichloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,1-Dichloroethene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,1-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2,3-Trichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2,3-Trichloropropane	10 U	2.1	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2,4-Trichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2,4-Trimethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2-Dibromo-3-chloropropane	10 U	2.1	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2-dibromoethane (EDB)	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2-Dichloroethane	5.2 U	2.1	5.2	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0140	SOIL	N	1,2-Dichloroethene (total)	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,2-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,3,5-Trimethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,3-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,3-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	1,4-Dichlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	2,2-Dichloropropane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	2-Butanone	11 J	5.2	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	2-Chlorotoluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	2-HEXANONE	10 U	5.2	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	4-Chlorotoluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	4-Methyl-2-pentanone	10 U	5.2	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	ACETONE	50 J	5.2	21	UG/KG
	WP26-SO-2627-0140	SOIL	N	Benzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Bromobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Bromochloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Bromodichloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Bromoform	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Bromomethane	10 U	2.1	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	Carbon tetrachloride	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Chlorobenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Chloroethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Chloroform	5.2 U	2.1	5.2	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0140	SOIL	N	Chloromethane	10 U	2.1	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	cis-1,2-Dichloroethylene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	cis-1,3-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Dibromochloromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Dibromomethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Dichlorodifluoromethane	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Ethylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Hexachlorobutadiene	10 U	2.1	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	Isopropylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	M,P-XYLENE	10 U	2.1	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	Methyl tert-butyl ether	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Methylene chloride	10 U	2.1	10	UG/KG
	WP26-SO-2627-0140	SOIL	N	Naphthalene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	n-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	n-Propylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	o-Xylene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	sec-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Styrene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	TCE	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	tert-Butylbenzene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Tetrachloroethene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Toluene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Trans-1,2-DCE	5.2 U	2.1	5.2	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0140	SOIL	N	trans-1,3-Dichloropropene	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Vinyl chloride	5.2 U	2.1	5.2	UG/KG
	WP26-SO-2627-0140	SOIL	N	Xylenes, Total	16 U	2.1	16	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,1,1-Trichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,1,2,2-Tetrachloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,1,2-Trichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,1-Dichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,1-Dichloroethene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,1-Dichloropropene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2,3-Trichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2,3-Trichloropropane	11 U	2.2	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2,4-Trichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2,4-Trimethylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2-Dibromo-3-chloropropane	11 U	2.2	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2-dibromoethane (EDB)	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2-Dichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2-Dichloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2-Dichloroethene (total)	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,2-Dichloropropane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,3,5-Trimethylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,3-Dichlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,3-Dichloropropane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	1,4-Dichlorobenzene	5.5 U	2.2	5.5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0160	SOIL	N	2,2-Dichloropropane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	2-Butanone	7.4 J	5.5	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	2-Chlorotoluene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	2-HEXANONE	11 U	5.5	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	4-Chlorotoluene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	4-Methyl-2-pentanone	11 U	5.5	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	ACETONE	29 J	5.5	22	UG/KG
	WP26-SO-2627-0160	SOIL	N	Benzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Bromobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Bromochloromethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Bromodichloromethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Bromoform	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Bromomethane	11 U	2.2	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	Carbon tetrachloride	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Chlorobenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Chloroethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Chloroform	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Chloromethane	11 U	2.2	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	cis-1,2-Dichloroethylene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	cis-1,3-Dichloropropene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Dibromochloromethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Dibromomethane	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Dichlorodifluoromethane	5.5 U	2.2	5.5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0160	SOIL	N	Ethylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Hexachlorobutadiene	11 U	2.2	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	Isopropylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	M,P-XYLENE	11 U	2.2	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	Methyl tert-butyl ether	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Methylene chloride	2.9 J	2.2	11	UG/KG
	WP26-SO-2627-0160	SOIL	N	Naphthalene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	n-Butylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	n-Propylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	o-Xylene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	sec-Butylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Styrene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	TCE	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	tert-Butylbenzene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Tetrachloroethene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Toluene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Trans-1,2-DCE	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	trans-1,3-Dichloropropene	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Vinyl chloride	5.5 U	2.2	5.5	UG/KG
	WP26-SO-2627-0160	SOIL	N	Xylenes, Total	16 U	2.2	16	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,1,1-Trichloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,1,2,2-Tetrachloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,1,2-Trichloroethane	5 U	2	5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0180	SOIL	N	1,1-Dichloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,1-Dichloroethene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,1-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2,3-Trichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2,3-Trichloropropane	10 U	2	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2,4-Trichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2,4-Trimethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2-Dibromo-3-chloropropane	10 U	2	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2-dibromoethane (EDB)	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2-Dichloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2-Dichloroethene (total)	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,2-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,3,5-Trimethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,3-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,3-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	1,4-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	2,2-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	2-Butanone	10 U	5	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	2-Chlorotoluene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	2-HEXANONE	10 U	5	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	4-Chlorotoluene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	4-Methyl-2-pentanone	10 U	5	10	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0180	SOIL	N	ACETONE	20 U	5	20	UG/KG
	WP26-SO-2627-0180	SOIL	N	Benzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Bromobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Bromochloromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Bromodichloromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Bromoform	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Bromomethane	10 U	2	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	Carbon tetrachloride	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Chlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Chloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Chloroform	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Chloromethane	10 U	2	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	cis-1,2-Dichloroethylene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	cis-1,3-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Dibromochloromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Dibromomethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Dichlorodifluoromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Ethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Hexachlorobutadiene	10 U	2	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	Isopropylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	M,P-XYLENE	10 U	2	10	UG/KG
	WP26-SO-2627-0180	SOIL	N	Methyl tert-butyl ether	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Methylene chloride	10 U	2	10	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0180	SOIL	N	Naphthalene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	n-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	n-Propylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	o-Xylene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	sec-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Styrene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	TCE	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	tert-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Tetrachloroethene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Toluene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Trans-1,2-DCE	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	trans-1,3-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Vinyl chloride	5 U	2	5	UG/KG
	WP26-SO-2627-0180	SOIL	N	Xylenes, Total	15 U	2	15	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,1,1-Trichloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,1,2,2-Tetrachloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,1,2-Trichloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,1-Dichloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,1-Dichloroethene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,1-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2,3-Trichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2,3-Trichloropropane	9.9 U	2	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2,4-Trichlorobenzene	5 U	2	5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0200	SOIL	N	1,2,4-Trimethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2-Dibromo-3-chloropropane	9.9 U	2	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2-dibromoethane (EDB)	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2-Dichloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2-Dichloroethene (total)	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,2-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,3,5-Trimethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,3-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,3-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	1,4-Dichlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	2,2-Dichloropropane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	2-Butanone	7.4 J	5	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	2-Chlorotoluene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	2-HEXANONE	9.9 U	5	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	4-Chlorotoluene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	4-Methyl-2-pentanone	9.9 U	5	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	ACETONE	30 J	5	20	UG/KG
	WP26-SO-2627-0200	SOIL	N	Benzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Bromobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Bromochloromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Bromodichloromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Bromoform	5 U	2	5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0200	SOIL	N	Bromomethane	9.9 U	2	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	Carbon tetrachloride	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Chlorobenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Chloroethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Chloroform	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Chloromethane	9.9 U	2	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	cis-1,2-Dichloroethylene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	cis-1,3-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Dibromochloromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Dibromomethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Dichlorodifluoromethane	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Ethylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Hexachlorobutadiene	9.9 U	2	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	Isopropylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	M,P-XYLENE	9.9 U	2	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	Methyl tert-butyl ether	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Methylene chloride	9.9 U	2	9.9	UG/KG
	WP26-SO-2627-0200	SOIL	N	Naphthalene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	n-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	n-Propylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	o-Xylene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	sec-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Styrene	5 U	2	5	UG/KG

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SO-2627-0200	SOIL	N	TCE	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	tert-Butylbenzene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Tetrachloroethene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Toluene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Trans-1,2-DCE	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	trans-1,3-Dichloropropene	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Vinyl chloride	5 U	2	5	UG/KG
	WP26-SO-2627-0200	SOIL	N	Xylenes, Total	15 U	2	15	UG/KG
	WP26-SV-0096-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	2-Butanone	0.12	0.04	0.04	UG/L
	WP26-SV-0096-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0025	AIR	N	ACETONE	0.19	0.04	0.04	UG/L
	WP26-SV-0096-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0096-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	2-Butanone	0.11	0.04	0.04	UG/L
	WP26-SV-0096-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0050	AIR	N	ACETONE	0.13	0.04	0.04	UG/L
	WP26-SV-0096-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	2-Butanone	0.17	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0075	AIR	N	ACETONE	0.28	0.04	0.04	UG/L
	WP26-SV-0096-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0096-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0096-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Toluene	0.021	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0096-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0097-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	2-Butanone	0.23	0.04	0.04	UG/L
	WP26-SV-0097-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0025	AIR	N	ACETONE	0.22	0.04	0.04	UG/L
	WP26-SV-0097-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0025	AIR	N	Methylene chloride	0.031	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0097-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	2-Butanone	0.17	0.04	0.04	UG/L
	WP26-SV-0097-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0050	AIR	N	ACETONE	0.28	0.04	0.04	UG/L
	WP26-SV-0097-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Methylene chloride	0.022	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Toluene	0.023	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0097-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	2-Butanone	0.21	0.04	0.04	UG/L
	WP26-SV-0097-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0075	AIR	N	ACETONE	0.37	0.04	0.04	UG/L
	WP26-SV-0097-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Methylene chloride	0.024	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	TCE	0.028	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Toluene	0.023	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0097-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	2-Butanone	0.15	0.04	0.04	UG/L
	WP26-SV-0097-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0100	AIR	N	ACETONE	0.23	0.04	0.04	UG/L
	WP26-SV-0097-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0097-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Methylene chloride	0.023	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	TCE	0.048	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Toluene	0.021	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0097-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0097-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0098-0010	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0010	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	2-Butanone	0.19	0.04	0.04	UG/L
	WP26-SV-0098-0010	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0010	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0010	AIR	N	ACETONE	0.18	0.04	0.04	UG/L
	WP26-SV-0098-0010	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0010	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0010	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Methylene chloride	0.056	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0010	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0098-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	2-Butanone	0.2	0.04	0.04	UG/L
	WP26-SV-0098-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	4-Isopropyltoluene	0.02	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0025	AIR	N	ACETONE	0.19	0.04	0.04	UG/L
	WP26-SV-0098-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Ethylbenzene	0.023	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Methylene chloride	0.04	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Tetrachloroethene	0.032	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Toluene	0.076	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025	AIR	N	Xylenes, Total	0.088	0.06	0.06	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0025-99	AIR	FD	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	2-Butanone	0.18	0.04	0.04	UG/L
	WP26-SV-0098-0025-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0025-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	4-Isopropyltoluene	0.03	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0025-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0025-99	AIR	FD	ACETONE	0.14	0.04	0.04	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Ethylbenzene	0.028	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Methylene chloride	0.073	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0025-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Tetrachloroethene	0.035	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Toluene	0.089	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0025-99	AIR	FD	Xylenes, Total	0.13	0.06	0.06	UG/L
	WP26-SV-0098-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2,4-Trimethylbenzene	0.022	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	2-Butanone	0.25	0.04	0.04	UG/L
	WP26-SV-0098-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0050	AIR	N	ACETONE	0.46	0.04	0.04	UG/L
	WP26-SV-0098-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Ethylbenzene	0.023	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Methylene chloride	0.098	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	TCE	0.047	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Tetrachloroethene	0.035	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Toluene	0.06	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0050	AIR	N	Xylenes, Total	0.089	0.06	0.06	UG/L
	WP26-SV-0098-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	2-Butanone	0.26	0.04	0.04	UG/L
	WP26-SV-0098-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0075	AIR	N	ACETONE	0.45	0.04	0.04	UG/L
	WP26-SV-0098-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Methylene chloride	0.079	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	TCE	0.13	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Tetrachloroethene	0.029	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0075	AIR	N	Toluene	0.058	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0098-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2,4-Trimethylbenzene	0.031	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	2-Butanone	1.1	0.04	0.04	UG/L
	WP26-SV-0098-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	4-Methyl-2-pentanone	0.053	0.04	0.04	UG/L
	WP26-SV-0098-0100	AIR	N	ACETONE	2.4	0.04	0.04	UG/L
	WP26-SV-0098-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0098-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Methylene chloride	0.062	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	TCE	0.2	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Tetrachloroethene	0.029	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Toluene	0.044	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0098-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0098-0100	AIR	N	Xylenes, Total	0.081	0.06	0.06	UG/L
	WP26-SV-0099-0010	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0010	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	2-Butanone	0.23	0.04	0.04	UG/L
	WP26-SV-0099-0010	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0010	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0010	AIR	N	ACETONE	0.23	0.04	0.04	UG/L
	WP26-SV-0099-0010	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0010	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0010	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Methylene chloride	0.059	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0010	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0099-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	2-Butanone	0.15	0.04	0.04	UG/L
	WP26-SV-0099-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0025	AIR	N	ACETONE	0.25	0.04	0.04	UG/L
	WP26-SV-0099-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Methylene chloride	0.027	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0099-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	2-Butanone	0.2	0.04	0.04	UG/L
	WP26-SV-0099-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0050	AIR	N	ACETONE	0.25	0.04	0.04	UG/L
	WP26-SV-0099-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Methylene chloride	0.028	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	TCE	0.067	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0099-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	2-Butanone	0.18	0.04	0.04	UG/L
	WP26-SV-0099-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0075	AIR	N	ACETONE	0.28	0.04	0.04	UG/L
	WP26-SV-0099-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Methylene chloride	0.028	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0099-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	2-Butanone	0.23	0.04	0.04	UG/L
	WP26-SV-0099-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0100	AIR	N	ACETONE	0.49	0.04	0.04	UG/L
	WP26-SV-0099-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Methylene chloride	0.034	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	TCE	0.21	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0099-0125	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0125	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	2-Butanone	0.14	0.04	0.04	UG/L
	WP26-SV-0099-0125	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0125	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0125	AIR	N	ACETONE	0.17	0.04	0.04	UG/L
	WP26-SV-0099-0125	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0125	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0125	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Methylene chloride	0.024	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	TCE	0.33	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0125	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,1-Dichloroethene	0.022	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0125-99	AIR	FD	2-Butanone	0.14	0.04	0.04	UG/L
	WP26-SV-0099-0125-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0125-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0125-99	AIR	FD	ACETONE	0.17	0.04	0.04	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0099-0125-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Methylene chloride	0.03	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	TCE	0.39	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0099-0125-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0100-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2,4-Trimethylbenzene	0.024	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2-Dichloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	2-Butanone	0.28	0.04	0.04	UG/L
	WP26-SV-0100-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0025	AIR	N	ACETONE	0.44	0.04	0.04	UG/L
	WP26-SV-0100-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Chloroform	0.021	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Methylene chloride	0.044	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Toluene	0.038	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	trans-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0100-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2-Dichloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	2-Butanone	0.23	0.04	0.04	UG/L
	WP26-SV-0100-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0050	AIR	N	ACETONE	0.4	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0050	AIR	N	Benzene	0.039	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Carbon disulfide	0.15	0.04	0.04	UG/L
	WP26-SV-0100-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Ethylbenzene	0.03	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Methylene chloride	0.26	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Tetrachloroethene	0.056	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Toluene	0.16	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	trans-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0050	AIR	N	Xylenes, Total	0.13	0.06	0.06	UG/L
	WP26-SV-0100-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2-Dichloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	2-Butanone	0.24	0.04	0.04	UG/L
	WP26-SV-0100-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0075	AIR	N	ACETONE	0.4	0.04	0.04	UG/L
	WP26-SV-0100-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0075	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Chloroform	0.026	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Methylene chloride	0.042	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	trans-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0100-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,2-Dichloroethane	0.02 UJ	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	2-Butanone	0.3	0.04	0.04	UG/L
	WP26-SV-0100-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0100	AIR	N	ACETONE	0.39	0.04	0.04	UG/L
	WP26-SV-0100-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Carbon disulfide	0.056	0.04	0.04	UG/L
	WP26-SV-0100-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Chloroform	0.066	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Methylene chloride	0.069	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Toluene	0.057	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0100	AIR	N	trans-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0100	AIR	N	Xylenes, Total	0.06	0.06	0.06	UG/L
	WP26-SV-0100-0111	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2-Dichloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0111	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	2-Butanone	0.18	0.04	0.04	UG/L
	WP26-SV-0100-0111	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0111	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0111	AIR	N	ACETONE	0.34	0.04	0.04	UG/L
	WP26-SV-0100-0111	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0111	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Chloroform	0.024	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0111	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Methylene chloride	0.039	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Toluene	0.023	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	trans-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0111-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2-Dichloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	2-Butanone	0.21	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0111-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0111-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0111-99	AIR	FD	ACETONE	0.41	0.04	0.04	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Chloroform	0.027	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0100-0111-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Methylene chloride	0.039	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Toluene	0.023	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	trans-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0100-0111-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0101-0010	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0010	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	2-Butanone	0.21	0.04	0.04	UG/L
	WP26-SV-0101-0010	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0010	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0010	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0010	AIR	N	ACETONE	0.32	0.04	0.04	UG/L
	WP26-SV-0101-0010	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0010	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0010	AIR	N	Methylene chloride	0.06	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0010	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0101-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	2-Butanone	0.21	0.04	0.04	UG/L
	WP26-SV-0101-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0025	AIR	N	ACETONE	0.22	0.04	0.04	UG/L
	WP26-SV-0101-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Methylene chloride	0.041 J	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0101-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	2-Butanone	0.23	0.04	0.04	UG/L
	WP26-SV-0101-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0050	AIR	N	ACETONE	0.36	0.04	0.04	UG/L
	WP26-SV-0101-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Hexachlorobutadiene	0.023	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Methylene chloride	0.056 J	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Toluene	0.026	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0101-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	2-Butanone	0.25	0.04	0.04	UG/L
	WP26-SV-0101-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0075	AIR	N	ACETONE	0.36	0.04	0.04	UG/L
	WP26-SV-0101-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Methylene chloride	0.038 J	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0101-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	2-Butanone	0.2	0.04	0.04	UG/L
	WP26-SV-0101-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0100	AIR	N	ACETONE	0.24	0.04	0.04	UG/L
	WP26-SV-0101-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Methylene chloride	0.039 J	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	TCE	0.033	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0101-0127	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0127	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	2-Butanone	0.3	0.04	0.04	UG/L
	WP26-SV-0101-0127	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0127	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0127	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0127	AIR	N	ACETONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0127	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0101-0127	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0101-0127	AIR	N	Hexachlorobutadiene	0.031	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Methylene chloride	0.045 J	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	TCE	0.1	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0101-0127	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0102-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	2-Butanone	0.61	0.04	0.04	UG/L
	WP26-SV-0102-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0025	AIR	N	ACETONE	0.5	0.04	0.04	UG/L
	WP26-SV-0102-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Dichlorodifluoromethane	0.69	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0102-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	2-Butanone	0.73	0.04	0.04	UG/L
	WP26-SV-0102-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0050	AIR	N	ACETONE	0.5 J	0.04	0.04	UG/L
	WP26-SV-0102-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Dichlorodifluoromethane	1.5	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0102-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	2-Butanone	0.4	0.04	0.04	UG/L
	WP26-SV-0102-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0075	AIR	N	ACETONE	0.4	0.04	0.04	UG/L
	WP26-SV-0102-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Dichlorodifluoromethane	2.6	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	TCE	0.03	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0075-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	2-Butanone	0.27	0.04	0.04	UG/L
	WP26-SV-0102-0075-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0075-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0075-99	AIR	FD	ACETONE	0.31	0.04	0.04	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0075-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Dichlorodifluoromethane	2.7	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	TCE	0.028	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0075-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0075-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0102-0094	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0094	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	2-Butanone	0.44	0.04	0.04	UG/L
	WP26-SV-0102-0094	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0094	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0094	AIR	N	ACETONE	0.2	0.04	0.04	UG/L
	WP26-SV-0102-0094	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0102-0094	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0102-0094	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Dichlorodifluoromethane	3.5	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Methylene chloride	0.025	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	TCE	0.033	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0102-0094	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0103-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	2-Butanone	0.31	0.04	0.04	UG/L
	WP26-SV-0103-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0025	AIR	N	ACETONE	0.41	0.04	0.04	UG/L
	WP26-SV-0103-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Methylene chloride	0.025	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0103-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	2-Butanone	0.26	0.04	0.04	UG/L
	WP26-SV-0103-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0050	AIR	N	ACETONE	0.33	0.04	0.04	UG/L
	WP26-SV-0103-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Methylene chloride	0.025	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0103-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	2-Butanone	0.51	0.04	0.04	UG/L
	WP26-SV-0103-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0075	AIR	N	ACETONE	0.53	0.04	0.04	UG/L
	WP26-SV-0103-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Methylene chloride	0.031	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0075	AIR	N	TCE	0.047	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0103-0106	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0106	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	2-Butanone	0.41	0.04	0.04	UG/L
	WP26-SV-0103-0106	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0106	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0106	AIR	N	ACETONE	0.41	0.04	0.04	UG/L
	WP26-SV-0103-0106	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0103-0106	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0106	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Methylene chloride	0.027	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	TCE	0.11	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0103-0106	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0103-0106	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0104-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	2-Butanone	1 U	0.04	0.04	UG/L
	WP26-SV-0104-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0025	AIR	N	ACETONE	0.72 U	0.04	0.04	UG/L
	WP26-SV-0104-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	cis-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Methylene chloride	0.09 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0104-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0050	AIR	N	2-Butanone	1.2	0.04	0.04	UG/L
	WP26-SV-0104-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0050	AIR	N	ACETONE	0.84 U	0.04	0.04	UG/L
	WP26-SV-0104-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	cis-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Methylene chloride	0.09 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0104-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	2-Butanone	0.11	0.04	0.04	UG/L
	WP26-SV-0104-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0075	AIR	N	ACETONE	0.3	0.04	0.04	UG/L
	WP26-SV-0104-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Methylene chloride	0.08	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Toluene	0.027	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0104-0094	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0094	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	2-Butanone	0.1	0.04	0.04	UG/L
	WP26-SV-0104-0094	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0094	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0094	AIR	N	ACETONE	0.26	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0094	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0094	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Methylene chloride	0.066	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0094	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	TCE	0.029	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Toluene	0.022	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0094-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	2-Butanone	0.15	0.04	0.04	UG/L
	WP26-SV-0104-0094-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0094-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0094-99	AIR	FD	ACETONE	0.27	0.04	0.04	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0094-99	AIR	FD	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Methylene chloride	0.062	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	TCE	0.03	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0104-0094-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Toluene	0.026	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0104-0094-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0105-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	2-Butanone	1.9	0.04	0.04	UG/L
	WP26-SV-0105-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	2-HEXANONE	0.041	0.04	0.04	UG/L
	WP26-SV-0105-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0025	AIR	N	ACETONE	0.73	0.04	0.04	UG/L
	WP26-SV-0105-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Methylene chloride	0.059	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0105-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	2-Butanone	1.6	0.04	0.04	UG/L
	WP26-SV-0105-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0050	AIR	N	ACETONE	0.72	0.04	0.04	UG/L
	WP26-SV-0105-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Carbon disulfide	0.16	0.04	0.04	UG/L
	WP26-SV-0105-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Methylene chloride	0.05	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	TCE	0.043	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	2-Butanone	1	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0075	AIR	N	ACETONE	0.5	0.04	0.04	UG/L
	WP26-SV-0105-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Methylene chloride	0.024	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	TCE	0.14	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0105-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	2-Butanone	0.59	0.04	0.04	UG/L
	WP26-SV-0105-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0100	AIR	N	ACETONE	0.24	0.04	0.04	UG/L
	WP26-SV-0105-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0105-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0105-0100	AIR	N	Methylene chloride	0.046	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	TCE	0.22	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0105-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0106-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	2-Butanone	0.32	0.04	0.04	UG/L
	WP26-SV-0106-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0025	AIR	N	ACETONE	0.42	0.04	0.04	UG/L
	WP26-SV-0106-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Methylene chloride	0.023 J	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0106-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	2-Butanone	0.23	0.04	0.04	UG/L
	WP26-SV-0106-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0050	AIR	N	ACETONE	0.41	0.04	0.04	UG/L
	WP26-SV-0106-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Methylene chloride	0.022 J	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Toluene	0.29	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0106-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	2-Butanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0075	AIR	N	ACETONE	0.49	0.04	0.04	UG/L
	WP26-SV-0106-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0106-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	2-Butanone	0.14 U	0.04	0.04	UG/L
	WP26-SV-0106-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0100	AIR	N	ACETONE	0.56 U	0.04	0.04	UG/L
	WP26-SV-0106-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	cis-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Methylene chloride	0.12 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Toluene	0.021	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0106-0127	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0127	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	2-Butanone	0.13 U	0.04	0.04	UG/L
	WP26-SV-0106-0127	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0127	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0127	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0127	AIR	N	ACETONE	0.54	0.04	0.04	UG/L
	WP26-SV-0106-0127	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0127	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	cis-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0127	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Methylene chloride	0.1 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0127-99	AIR	FD	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	2-Butanone	0.15 U	0.04	0.04	UG/L
	WP26-SV-0106-0127-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0127-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0127-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0127-99	AIR	FD	ACETONE	0.55 U	0.04	0.04	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	cis-1,3-Dichloropropene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Methylene chloride	0.096 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0106-0127-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0106-0127-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0107-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	2-Butanone	0.23	0.04	0.04	UG/L
	WP26-SV-0107-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0025	AIR	N	ACETONE	0.33	0.04	0.04	UG/L
	WP26-SV-0107-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0025	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Methylene chloride	0.054 J	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0107-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	2-Butanone	0.27	0.04	0.04	UG/L
	WP26-SV-0107-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0050	AIR	N	ACETONE	0.7	0.04	0.04	UG/L
	WP26-SV-0107-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Methylene chloride	0.067 J	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0050	AIR	N	Toluene	0.021	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0107-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	2-Butanone	0.81	0.04	0.04	UG/L
	WP26-SV-0107-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0075	AIR	N	ACETONE	0.69	0.04	0.04	UG/L
	WP26-SV-0107-0075	AIR	N	Benzene	0.024 J	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Carbon disulfide	0.21	0.04	0.04	UG/L
	WP26-SV-0107-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Methylene chloride	0.071 J	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Toluene	0.043	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0107-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	2-Butanone	0.49	0.04	0.04	UG/L
	WP26-SV-0107-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0100	AIR	N	ACETONE	0.73	0.04	0.04	UG/L
	WP26-SV-0107-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Carbon disulfide	0.079	0.04	0.04	UG/L
	WP26-SV-0107-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Methylene chloride	0.045 J	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Toluene	0.063	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0107-0129	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0129	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	2-Butanone	0.58	0.04	0.04	UG/L
	WP26-SV-0107-0129	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0129	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0129	AIR	N	ACETONE	0.43	0.04	0.04	UG/L
	WP26-SV-0107-0129	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0107-0129	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0107-0129	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Methylene chloride	0.048 J	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	TCE	0.048 J	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0107-0129	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0108-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	2-Butanone	1.7	0.04	0.04	UG/L
	WP26-SV-0108-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	2-HEXANONE	0.056	0.04	0.04	UG/L
	WP26-SV-0108-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0025	AIR	N	ACETONE	0.56	0.04	0.04	UG/L
	WP26-SV-0108-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Methylene chloride	0.044	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0108-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	2-Butanone	2.2	0.04	0.04	UG/L
	WP26-SV-0108-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	2-HEXANONE	0.046	0.04	0.04	UG/L
	WP26-SV-0108-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0050	AIR	N	ACETONE	0.69	0.04	0.04	UG/L
	WP26-SV-0108-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Carbon disulfide	0.15	0.04	0.04	UG/L
	WP26-SV-0108-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Methylene chloride	0.043	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Toluene	0.026	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0108-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	2-Butanone	2.3	0.04	0.04	UG/L
	WP26-SV-0108-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	2-HEXANONE	0.063	0.04	0.04	UG/L
	WP26-SV-0108-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0075	AIR	N	ACETONE	0.84	0.04	0.04	UG/L
	WP26-SV-0108-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Carbon disulfide	0.086	0.04	0.04	UG/L
	WP26-SV-0108-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Methylene chloride	0.042	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Toluene	0.031	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0108-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	2-Butanone	2	0.04	0.04	UG/L
	WP26-SV-0108-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	2-HEXANONE	0.068	0.04	0.04	UG/L
	WP26-SV-0108-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0100	AIR	N	ACETONE	0.86	0.04	0.04	UG/L
	WP26-SV-0108-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Carbon disulfide	0.17	0.04	0.04	UG/L
	WP26-SV-0108-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Methylene chloride	0.049	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Toluene	0.031	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0108-0114	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0114	AIR	N	2-Butanone	0.73	0.04	0.04	UG/L
	WP26-SV-0108-0114	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0114	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0114	AIR	N	ACETONE	0.36	0.04	0.04	UG/L
	WP26-SV-0108-0114	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Carbon disulfide	0.063	0.04	0.04	UG/L
	WP26-SV-0108-0114	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0114	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Methylene chloride	0.045	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Toluene	0.021	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0114-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	2-Butanone	0.56	0.04	0.04	UG/L
	WP26-SV-0108-0114-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0114-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0114-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0108-0114-99	AIR	FD	ACETONE	0.33	0.04	0.04	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Carbon disulfide	0.086	0.04	0.04	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0108-0114-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Methylene chloride	0.021	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Toluene	0.022	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0108-0114-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0109-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	2-Butanone	1.6	0.04	0.04	UG/L
	WP26-SV-0109-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	2-HEXANONE	0.043	0.04	0.04	UG/L
	WP26-SV-0109-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0025	AIR	N	ACETONE	0.48	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Methylene chloride	0.051	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0109-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	2-Butanone	1.4	0.04	0.04	UG/L
	WP26-SV-0109-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	2-HEXANONE	0.043	0.04	0.04	UG/L
	WP26-SV-0109-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0050	AIR	N	ACETONE	0.72	0.04	0.04	UG/L
	WP26-SV-0109-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0050	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Methylene chloride	0.043	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0109-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	2-Butanone	0.98	0.04	0.04	UG/L
	WP26-SV-0109-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0075	AIR	N	ACETONE	0.67	0.04	0.04	UG/L
	WP26-SV-0109-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Methylene chloride	0.042	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Trichlorofluoromethane	0.053	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0109-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	1-Methylnaphthalene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	2-Butanone	1	0.04	0.04	UG/L
	WP26-SV-0109-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0100	AIR	N	ACETONE	0.49	0.04	0.04	UG/L
	WP26-SV-0109-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0109-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0109-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Methylene chloride	0.043	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0109-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0025	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	2-Butanone	0.089	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0025	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0025	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0025	AIR	N	ACETONE	0.14	0.04	0.04	UG/L
	WP26-SV-0110-0025	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0025	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0025	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Methylene chloride	0.057	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0025	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0110-0050	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0050	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	2-Butanone	0.59	0.04	0.04	UG/L
	WP26-SV-0110-0050	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0050	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0050	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0050	AIR	N	ACETONE	0.3	0.04	0.04	UG/L
	WP26-SV-0110-0050	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0050	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0050	AIR	N	Methylene chloride	0.056	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0050	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0110-0075	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0075	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	2-Butanone	0.55	0.04	0.04	UG/L
	WP26-SV-0110-0075	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0075	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0075	AIR	N	ACETONE	0.41	0.04	0.04	UG/L
	WP26-SV-0110-0075	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0075	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0075	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Methylene chloride	0.064	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0075	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0075	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0110-0100	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0100	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	2-Butanone	0.43	0.04	0.04	UG/L
	WP26-SV-0110-0100	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0100	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0100	AIR	N	ACETONE	0.19	0.04	0.04	UG/L
	WP26-SV-0110-0100	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0100	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0100	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Methylene chloride	0.06	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0100	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0100	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0110-0125	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0125	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	2-Butanone	0.41	0.04	0.04	UG/L
	WP26-SV-0110-0125	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0125	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0125	AIR	N	ACETONE	0.42	0.04	0.04	UG/L
	WP26-SV-0110-0125	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0125	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0125	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Methylene chloride	0.068	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0125	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0125-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	2-Butanone	0.34	0.04	0.04	UG/L
	WP26-SV-0110-0125-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0125-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0125-99	AIR	FD	ACETONE	0.36	0.04	0.04	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Bromomethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0110-0125-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Methylene chloride	0.035	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Toluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0110-0125-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0111-0150	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0150	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,1-Dichloroethane	0.025	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2,4-Trichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1,4-Dichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	2-Butanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0150	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0150	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0150	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0150	AIR	N	ACETONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0150	AIR	N	Benzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Carbon disulfide	0.18	0.04	0.04	UG/L
	WP26-SV-0111-0150	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Ethylbenzene	0.024	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0150	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Styrene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	TCE	0.13	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Toluene	1.1 J	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0150	AIR	N	Xylenes, Total	0.12	0.06	0.06	UG/L
	WP26-SV-0111-0165	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,1-Dichloroethane	0.096	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0165	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2,4-Trichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1,4-Dichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	2-Butanone	0.15	0.04	0.04	UG/L
	WP26-SV-0111-0165	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0165	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0165	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0165	AIR	N	ACETONE	0.33	0.04	0.04	UG/L
	WP26-SV-0111-0165	AIR	N	Benzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0165	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0165	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Styrene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	TCE	0.25	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Toluene	0.84 J	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0165	AIR	N	Xylenes, Total	0.061	0.06	0.06	UG/L
	WP26-SV-0111-0184	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,1-Dichloroethane	0.82	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,1-Dichloroethene	0.024	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0184	AIR	N	1,2,4-Trichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1,4-Dichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	2-Butanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0184	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0184	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0184	AIR	N	ACETONE	0.26	0.04	0.04	UG/L
	WP26-SV-0111-0184	AIR	N	Benzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0184	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Carbon disulfide	0.1	0.04	0.04	UG/L
	WP26-SV-0111-0184	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Methylene chloride	0.028	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0184	AIR	N	Styrene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	TCE	0.53	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Toluene	0.8 J	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,1-Dichloroethane	0.83	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,1-Dichloroethene	0.027	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2,4-Trichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0184-99	AIR	FD	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1,4-Dichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	2-Butanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0184-99	AIR	FD	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0184-99	AIR	FD	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0111-0184-99	AIR	FD	ACETONE	0.3	0.04	0.04	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Benzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Carbon disulfide	0.097	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0184-99	AIR	FD	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	cis-1,2-Dichloroethylene	0.021	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Styrene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	TCE	0.53	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Tetrachloroethene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0111-0184-99	AIR	FD	Toluene	0.81 J	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0111-0184-99	AIR	FD	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-0112-0150	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2,4-Trichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0150	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1,4-Dichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	2-Butanone	0.25	0.04	0.04	UG/L
	WP26-SV-0112-0150	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0112-0150	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0112-0150	AIR	N	ACETONE	2.3	0.04	0.04	UG/L
	WP26-SV-0112-0150	AIR	N	Benzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0112-0150	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0150	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Ethylbenzene	11	0.2	0.2	UG/L
	WP26-SV-0112-0150	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Isopropylbenzene	0.37	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	n-Propylbenzene	0.029	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Styrene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	TCE	0.076	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Toluene	31 J	0.2	0.2	UG/L
	WP26-SV-0112-0150	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0150	AIR	N	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0150	AIR	N	Xylenes, Total	65	0.6	0.6	UG/L
	WP26-SV-0112-0175	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2,4-Trichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2,4-Trimethylbenzene	0.04	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1,4-Dichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0175	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	2-Butanone	0.31	0.04	0.04	UG/L
	WP26-SV-0112-0175	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0112-0175	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0112-0175	AIR	N	ACETONE	3.4	0.04	0.04	UG/L
	WP26-SV-0112-0175	AIR	N	Benzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Carbon disulfide	0.065	0.04	0.04	UG/L
	WP26-SV-0112-0175	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0175	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Ethylbenzene	9.6	0.2	0.2	UG/L
	WP26-SV-0112-0175	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Isopropylbenzene	0.32	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Styrene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	TCE	0.095	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Toluene	28 J	0.2	0.2	UG/L
	WP26-SV-0112-0175	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0175	AIR	N	Xylenes, Total	58	0.6	0.6	UG/L
	WP26-SV-0112-0205	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0205	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,1-Dichloroethane	0.33	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,1-Dichloroethene	0.24	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2,4-Trichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2,4-Trimethylbenzene	0.024	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1,4-Dichlorobenzene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	2-Butanone	0.096	0.04	0.04	UG/L
	WP26-SV-0112-0205	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0205	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-0112-0205	AIR	N	ACETONE	2.6	0.04	0.04	UG/L
	WP26-SV-0112-0205	AIR	N	Benzene	0.022 J	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0112-0205	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Chloroethane	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	cis-1,2-Dichloroethylene	0.41	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Ethylbenzene	8.3	0.2	0.2	UG/L
	WP26-SV-0112-0205	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0112-0205	AIR	N	Isopropylbenzene	0.23	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Methylene chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Styrene	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	TCE	2.6	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Tetrachloroethene	0.11 J	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Toluene	26 J	0.2	0.2	UG/L
	WP26-SV-0112-0205	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Vinyl chloride	0.02 UJ	0.02	0.02	UG/L
	WP26-SV-0112-0205	AIR	N	Xylenes, Total	47	0.6	0.6	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0504-0470-2	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	2-Butanone	0.086	0.04	0.04	UG/L
	WP26-SV-0504-0470-2	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-0504-0470-2	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0504-0470-2	AIR	N	ACETONE	0.36	0.04	0.04	UG/L
	WP26-SV-0504-0470-2	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Bromodichloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-0504-0470-2	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Methylene chloride	0.049 J	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-0504-0470-2	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Toluene	0.073	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-0504-0470-2	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	UG/L
	WP26-SV-2623-200-2	AIR	N	1,1,1,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,1,1-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,1,2,2-Tetrachloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,1,2-Trichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,1-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,1-Dichloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,1-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2,3-Trichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2,3-Trichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2,4-Trichlorobenzene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-2623-200-2	AIR	N	1,2,4-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2-Dibromo-3-chloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2-dibromoethane (EDB)	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2-Dichloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,3,5-Trimethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,3-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,3-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1,4-Dichlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	1-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	2,2-Dichloropropane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	2-Butanone	0.062	0.04	0.04	UG/L
	WP26-SV-2623-200-2	AIR	N	2-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	2-HEXANONE	0.04 U	0.04	0.04	UG/L
	WP26-SV-2623-200-2	AIR	N	2-Methylnaphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	4-Chlorotoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	4-Isopropyltoluene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	4-Methyl-2-pentanone	0.04 U	0.04	0.04	UG/L
	WP26-SV-2623-200-2	AIR	N	ACETONE	0.3	0.04	0.04	UG/L
	WP26-SV-2623-200-2	AIR	N	Benzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Bromobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Bromodichloromethane	0.02 UJ	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-2623-200-2	AIR	N	Bromoform	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Bromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Carbon disulfide	0.04 U	0.04	0.04	UG/L
	WP26-SV-2623-200-2	AIR	N	Carbon tetrachloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Chlorobenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Chloroethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Chloroform	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Chloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	cis-1,2-Dichloroethylene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	cis-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Dibromochloromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Dibromomethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Dichlorodifluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Ethylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Hexachlorobutadiene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Isopropylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Methyl tert-butyl ether	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Methylene chloride	0.045 J	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Naphthalene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	n-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	n-Propylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	sec-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Styrene	0.02 U	0.02	0.02	UG/L

Table E-4. Summary of Analytical Results for Solid Waste Management Unit WP-26
Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Analyte	Result*	MDL	RL	Units
SW8260B								
	WP26-SV-2623-200-2	AIR	N	TCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	tert-Butylbenzene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Tetrachloroethene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Toluene	1	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Trans-1,2-DCE	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	trans-1,3-Dichloropropene	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Trichlorofluoromethane	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Vinyl chloride	0.02 U	0.02	0.02	UG/L
	WP26-SV-2623-200-2	AIR	N	Xylenes, Total	0.06 U	0.06	0.06	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 E-5. Summary of Holding Times for Solid Waste Management Unit WP-26, Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E300	WP26-GW-2625-22042009	WATER	N	1 Days - A	4/22/2009	4/23/2009	4/23/2009
	WP26-GW-2626-22042009	WATER	N	1 Days - A	4/22/2009	4/23/2009	4/23/2009
	WP26-GW-2626-22042009FD	WATER	FD	1 Days - A	4/22/2009	4/23/2009	4/23/2009
	WP26-SO-2625-0140	SOIL	N	5 Days - A	2/26/2009	3/3/2009	3/3/2009
	WP26-SO-2625-0160	SOIL	N	5 Days - A	2/26/2009	3/3/2009	3/3/2009
	WP26-SO-2625-0180	SOIL	N	5 Days - A	2/26/2009	3/3/2009	3/3/2009
	WP26-SO-2625-0180-99	SOIL	FD	5 Days - A	2/26/2009	3/3/2009	3/3/2009
	WP26-SO-2625-0200	SOIL	N	5 Days - A	2/26/2009	3/3/2009	3/3/2009
	WP26-SO-2625-0220	SOIL	N	4 Days - A	2/27/2009	3/3/2009	3/3/2009
	WP26-SO-2626-100	SOIL	N	4 Days - A	2/22/2009	2/26/2009	2/26/2009
	WP26-SO-2626-160	SOIL	N	4 Days - A	2/22/2009	2/26/2009	2/26/2009
	WP26-SO-2626-180	SOIL	N	4 Days - A	2/22/2009	2/26/2009	2/26/2009
	WP26-SO-2626-200	SOIL	N	4 Days - A	2/22/2009	2/26/2009	2/26/2009
	WP26-SO-2627-0140	SOIL	N	3 Days - A	3/1/2009	3/4/2009	3/4/2009
	WP26-SO-2627-0160	SOIL	N	3 Days - A	3/1/2009	3/4/2009	3/4/2009
	WP26-SO-2627-0180	SOIL	N	2 Days - A	3/1/2009	3/3/2009	3/3/2009
	WP26-SO-2627-0200	SOIL	N	3 Days - A	3/1/2009	3/4/2009	3/4/2009
E350.2	WP26-GW-2625-22042009	WATER	N	12 Days - A	4/22/2009	5/4/2009	5/4/2009
	WP26-GW-2626-22042009	WATER	N	12 Days - A	4/22/2009	5/4/2009	5/4/2009
	WP26-GW-2626-22042009FD	WATER	FD	12 Days - A	4/22/2009	5/4/2009	5/4/2009
	WP26-SO-2625-0140	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0160	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0180	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0180-99	SOIL	FD	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0200	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0220	SOIL	N	14 Days - A	2/27/2009	3/13/2009	3/13/2009
	WP26-SO-2626-100	SOIL	N	9 Days - A	2/22/2009	3/3/2009	3/3/2009
	WP26-SO-2626-160	SOIL	N	9 Days - A	2/22/2009	3/3/2009	3/3/2009
	WP26-SO-2626-180	SOIL	N	9 Days - A	2/22/2009	3/3/2009	3/3/2009
	WP26-SO-2626-200	SOIL	N	9 Days - A	2/22/2009	3/3/2009	3/3/2009
	WP26-SO-2627-0140	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
	WP26-SO-2627-0160	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
	WP26-SO-2627-0180	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
	WP26-SO-2627-0200	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
E351.3	WP26-GW-2625-22042009	WATER	N	13 Days - A	4/22/2009	5/5/2009	5/5/2009
	WP26-GW-2626-22042009	WATER	N	13 Days - A	4/22/2009	5/5/2009	5/5/2009
	WP26-GW-2626-22042009FD	WATER	FD	13 Days - A	4/22/2009	5/5/2009	5/5/2009
	WP26-SO-2625-0140	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0160	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009

Table E-5. Summary of Holding Times for Solid Waste Management Unit WP-26, Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
E351.3	WP26-SO-2625-0180	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0180-99	SOIL	FD	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0200	SOIL	N	15 Days - A	2/26/2009	3/13/2009	3/13/2009
	WP26-SO-2625-0220	SOIL	N	14 Days - A	2/27/2009	3/13/2009	3/13/2009
	WP26-SO-2626-100	SOIL	N	11 Days - A	2/22/2009	3/5/2009	3/5/2009
	WP26-SO-2626-160	SOIL	N	11 Days - A	2/22/2009	3/5/2009	3/5/2009
	WP26-SO-2626-180	SOIL	N	11 Days - A	2/22/2009	3/5/2009	3/5/2009
	WP26-SO-2626-200	SOIL	N	11 Days - A	2/22/2009	3/5/2009	3/5/2009
	WP26-SO-2627-0140	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
	WP26-SO-2627-0160	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
	WP26-SO-2627-0180	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
	WP26-SO-2627-0200	SOIL	N	12 Days - A	3/1/2009	3/13/2009	3/13/2009
SW6860	WP26-GW-2625-22042009	WATER	N	23 Days - A	4/22/2009	5/12/2009	5/15/2009
	WP26-GW-2626-22042009	WATER	N	23 Days - A	4/22/2009	5/12/2009	5/15/2009
	WP26-GW-2626-22042009FD	WATER	FD	23 Days - A	4/22/2009	5/12/2009	5/15/2009
SW8260B	KAFB-2627-0215	AIR	N	1 Days - A	4/14/2009		4/15/2009
	KAFB-SV-0504-0470	AIR	N	1 Days - A	1/6/2009		1/7/2009
	KAFB-SV-0504-0470-99	AIR	FD	1 Days - A	1/6/2009		1/7/2009
	KAFB-SV-2623-0200	AIR	N	1 Days - A	1/6/2009		1/7/2009
	WP26-GW-2625-22042009	WATER	N	8 Days - A	4/22/2009	4/30/2009	4/30/2009
	WP26-GW-2626-22042009	WATER	N	8 Days - A	4/22/2009	4/30/2009	4/30/2009
	WP26-GW-2626-22042009FD	WATER	FD	8 Days - A	4/22/2009	4/30/2009	4/30/2009
	WP26-KAFB-2606-0010	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SO-2625-0140	SOIL	N	11 Days - A	2/26/2009	3/9/2009	3/9/2009
	WP26-SO-2625-0160	SOIL	N	11 Days - A	2/26/2009	3/9/2009	3/9/2009
	WP26-SO-2625-0180	SOIL	N	11 Days - A	2/26/2009	3/9/2009	3/9/2009
	WP26-SO-2625-0180-99	SOIL	FD	11 Days - A	2/26/2009	3/9/2009	3/9/2009
	WP26-SO-2625-0200	SOIL	N	7 Days - A	2/26/2009	3/5/2009	3/5/2009
	WP26-SO-2625-0220	SOIL	N	10 Days - A	2/27/2009	3/9/2009	3/9/2009
	WP26-SO-2626-100	SOIL	N	3 Days - E	2/22/2009	2/25/2009	2/25/2009
	WP26-SO-2626-160	SOIL	N	4 Days - E	2/22/2009	2/26/2009	2/26/2009
	WP26-SO-2626-160	SOIL	N	3 Days - A	2/22/2009	2/25/2009	2/25/2009
	WP26-SO-2626-180	SOIL	N	3 Days - A	2/22/2009	2/25/2009	2/25/2009
	WP26-SO-2626-200	SOIL	N	3 Days - A	2/22/2009	2/25/2009	2/25/2009
	WP26-SO-2627-0140	SOIL	N	8 Days - A	3/1/2009	3/9/2009	3/9/2009
	WP26-SO-2627-0160	SOIL	N	8 Days - A	3/1/2009	3/9/2009	3/9/2009
	WP26-SO-2627-0180	SOIL	N	8 Days - A	3/1/2009	3/9/2009	3/9/2009
	WP26-SO-2627-0200	SOIL	N	8 Days - A	3/1/2009	3/9/2009	3/9/2009
	WP26-SV-0096-0025	AIR	N	0 Days - A	1/9/2009		1/9/2009

Table E-5. Summary of Holding Times for Solid Waste Management Unit WP-26, Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8260B	WP26-SV-0096-0050	AIR	N	0 Days - A	1/9/2009		1/9/2009
	WP26-SV-0096-0075	AIR	N	0 Days - A	1/9/2009		1/9/2009
	WP26-SV-0097-0025	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0097-0050	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0097-0075	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0097-0100	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0098-0010	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0098-0025	AIR	N	Days - E	1/13/2009		1/14/2009
	WP26-SV-0098-0025-99	AIR	FD	1 Days - A	1/13/2009		1/14/2009
	WP26-SV-0098-0050	AIR	N	1 Days - A	1/13/2009		1/14/2009
	WP26-SV-0098-0075	AIR	N	1 Days - A	1/13/2009		1/14/2009
	WP26-SV-0098-0100	AIR	N	Days - E	1/13/2009		1/14/2009
	WP26-SV-0099-0010	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0099-0025	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0099-0050	AIR	N	Days - E	1/11/2009		1/12/2009
	WP26-SV-0099-0075	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0099-0100	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0099-0125	AIR	N	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0099-0125-99	AIR	FD	1 Days - A	1/11/2009		1/12/2009
	WP26-SV-0100-0025	AIR	N	1 Days - A	1/12/2009		1/13/2009
	WP26-SV-0100-0050	AIR	N	1 Days - A	1/12/2009		1/13/2009
	WP26-SV-0100-0075	AIR	N	1 Days - A	1/12/2009		1/13/2009
	WP26-SV-0100-0100	AIR	N	Days - E	1/12/2009		1/13/2009
	WP26-SV-0100-0111	AIR	N	1 Days - A	1/12/2009		1/13/2009
	WP26-SV-0100-0111-99	AIR	FD	1 Days - A	1/12/2009		1/13/2009
	WP26-SV-0101-0010	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0101-0025	AIR	N	1 Days - A	1/14/2009		1/15/2009
	WP26-SV-0101-0050	AIR	N	1 Days - A	1/14/2009		1/15/2009
	WP26-SV-0101-0075	AIR	N	1 Days - A	1/14/2009		1/15/2009
	WP26-SV-0101-0100	AIR	N	Days - E	1/14/2009		1/15/2009
	WP26-SV-0101-0127	AIR	N	Days - E	1/14/2009		1/15/2009
	WP26-SV-0102-0025	AIR	N	0 Days - A	1/19/2009		1/19/2009
	WP26-SV-0102-0050	AIR	N	0 Days - A	1/19/2009		1/19/2009
	WP26-SV-0102-0075	AIR	N	Days - E	1/19/2009		1/19/2009
	WP26-SV-0102-0075-99	AIR	FD	0 Days - A	1/19/2009		1/19/2009
	WP26-SV-0102-0094	AIR	N	0 Days - A	1/19/2009		1/19/2009
	WP26-SV-0103-0025	AIR	N	0 Days - A	1/19/2009		1/19/2009
	WP26-SV-0103-0050	AIR	N	0 Days - A	1/19/2009		1/19/2009
	WP26-SV-0103-0075	AIR	N	0 Days - A	1/19/2009		1/19/2009

Table E-5. Summary of Holding Times for Solid Waste Management Unit WP-26, Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8260B	WP26-SV-0103-0106	AIR	N	0 Days - A	1/19/2009		1/19/2009
	WP26-SV-0104-0025	AIR	N	Days - E	1/26/2009		1/27/2009
	WP26-SV-0104-0050	AIR	N	Days - E	1/26/2009		1/27/2009
	WP26-SV-0104-0075	AIR	N	1 Days - A	1/22/2009		1/23/2009
	WP26-SV-0104-0094	AIR	N	Days - E	1/22/2009		1/23/2009
	WP26-SV-0104-0094-99	AIR	FD	1 Days - A	1/22/2009		1/23/2009
	WP26-SV-0105-0025	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0105-0050	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0105-0075	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0105-0100	AIR	N	1 Days - A	2/2/2009		2/3/2009
	WP26-SV-0106-0025	AIR	N	0 Days - A	1/28/2009		1/28/2009
	WP26-SV-0106-0050	AIR	N	0 Days - A	1/28/2009		1/28/2009
	WP26-SV-0106-0075	AIR	N	0 Days - A	1/28/2009		1/28/2009
	WP26-SV-0106-0100	AIR	N	1 Days - A	1/26/2009		1/27/2009
	WP26-SV-0106-0127	AIR	N	1 Days - A	1/26/2009		1/27/2009
	WP26-SV-0106-0127-99	AIR	FD	1 Days - A	1/26/2009		1/27/2009
	WP26-SV-0107-0025	AIR	N	1 Days - A	1/29/2009		1/30/2009
	WP26-SV-0107-0050	AIR	N	1 Days - A	1/29/2009		1/30/2009
	WP26-SV-0107-0075	AIR	N	1 Days - A	1/29/2009		1/30/2009
	WP26-SV-0107-0100	AIR	N	1 Days - A	1/29/2009		1/30/2009
	WP26-SV-0107-0129	AIR	N	1 Days - A	1/29/2009		1/30/2009
	WP26-SV-0108-0025	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0108-0050	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0108-0075	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0108-0100	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0108-0114	AIR	N	1 Days - A	2/2/2009		2/3/2009
	WP26-SV-0108-0114-99	AIR	FD	1 Days - A	2/2/2009		2/3/2009
	WP26-SV-0109-0025	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0109-0050	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0109-0075	AIR	N	1 Days - A	2/2/2009		2/3/2009
	WP26-SV-0109-0100	AIR	N	Days - E	2/2/2009		2/3/2009
	WP26-SV-0110-0025	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0110-0050	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0110-0075	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0110-0100	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0110-0125	AIR	N	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0110-0125-99	AIR	FD	2 Days - A	2/2/2009		2/4/2009
	WP26-SV-0111-0150	AIR	N	0 Days - A	2/16/2009		2/16/2009
	WP26-SV-0111-0165	AIR	N	0 Days - A	2/16/2009		2/16/2009

Table E-5. Summary of Holding Times for Solid Waste Management Unit WP-26, Soil Vapor, Soil, and Groundwater, January through April 2009

Method	Sample ID	Matrix	QA/QC Type	Holding time - Type*	Sample Date	Extract Date	Analysis Date
SW8260B	WP26-SV-0111-0184	AIR	N	0 Days - A	2/16/2009		2/16/2009
	WP26-SV-0111-0184-99	AIR	FD	0 Days - A	2/16/2009		2/16/2009
	WP26-SV-0112-0150	AIR	N	0 Days - A	2/16/2009		2/16/2009
	WP26-SV-0112-0175	AIR	N	0 Days - A	2/16/2009		2/16/2009
	WP26-SV-0112-0205	AIR	N	0 Days - A	2/16/2009		2/16/2009
	WP26-SV-0504-0470-2	AIR	N	1 Days - A	1/27/2009		1/28/2009
	WP26-SV-2623-200-2	AIR	N	1 Days - A	1/29/2009		1/30/2009

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

QA/QC Type

N = Normal Environmental Sample
FD = Field Duplicate

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901120										
	SW8260B	WATER	LB	5mL rb	1,1,1,2-Tetrachloroethane	1/9/2009	0.187	0.187	U	UG/L
			LB	5mL rb	1,1,1-Trichloroethane	1/9/2009	0.247	0.247	U	UG/L
			LB	5mL rb	1,1,2,2-Tetrachloroethane	1/9/2009	0.217	0.217	U	UG/L
			LB	5mL rb	1,1,2-Trichloroethane	1/9/2009	0.371	0.371	U	UG/L
			LB	5mL rb	1,1-Dichloroethane	1/9/2009	0.394	0.394	U	UG/L
			LB	5mL rb	1,1-Dichloroethene	1/9/2009	0.249	0.249	U	UG/L
			LB	5mL rb	1,1-Dichloropropene	1/9/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2,3-Trichlorobenzene	1/9/2009	0.278	0.278	U	UG/L
			LB	5mL rb	1,2,3-Trichloropropane	1/9/2009	0.243	0.243	U	UG/L
			LB	5mL rb	1,2,4-Trichlorobenzene	1/9/2009	0.241	0.241	U	UG/L
			LB	5mL rb	1,2,4-Trimethylbenzene	1/9/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2-Dibromo-3-chloropropane	1/9/2009	0.275	0.275	U	UG/L
			LB	5mL rb	1,2-Dibromoethane (EDB)	1/9/2009	0.178	0.178	U	UG/L
			LB	5mL rb	1,2-Dichlorobenzene	1/9/2009	0.256	0.256	U	UG/L
			LB	5mL rb	1,2-Dichloroethane (EDC)	1/9/2009	0.422	0.422	U	UG/L
			LB	5mL rb	1,2-Dichloropropane	1/9/2009	0.289	0.289	U	UG/L
			LB	5mL rb	1,3,5-Trimethylbenzene	1/9/2009	0.235	0.235	U	UG/L
			LB	5mL rb	1,3-Dichlorobenzene	1/9/2009	0.251	0.251	U	UG/L
			LB	5mL rb	1,3-Dichloropropane	1/9/2009	0.141	0.141	U	UG/L
			LB	5mL rb	1,4-Dichlorobenzene	1/9/2009	0.27	0.27	U	UG/L
			LB	5mL rb	1-Methylnaphthalene	1/9/2009	0.494	0.494	U	UG/L
			LB	5mL rb	2,2-Dichloropropane	1/9/2009	0.243	0.243	U	UG/L
			LB	5mL rb	2-Butanone	1/9/2009	0.502	0.502	U	UG/L
			LB	5mL rb	2-Chlorotoluene	1/9/2009	0.259	0.259	U	UG/L
			LB	5mL rb	2-Hexanone	1/9/2009	0.642	0.642	U	UG/L
			LB	5mL rb	2-Methylnaphthalene	1/9/2009	0.572	0.572	U	UG/L
			LB	5mL rb	4-Chlorotoluene	1/9/2009	0.222	0.222	U	UG/L
			LB	5mL rb	4-Isopropyltoluene	1/9/2009	0.226	0.226	U	UG/L
			LB	5mL rb	4-Methyl-2-pentanone	1/9/2009	0.608	0.608	U	UG/L
			LB	5mL rb	Acetone	1/9/2009	6.47	6.47	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901120										
	SW8260B	WATER	LB	5mL rb	Benzene	1/9/2009	0.214	0.214	U	UG/L
			LB	5mL rb	Bromobenzene	1/9/2009	0.264	0.264	U	UG/L
			LB	5mL rb	Bromodichloromethane	1/9/2009	0.176	0.176	U	UG/L
			LB	5mL rb	Bromoform	1/9/2009	0.226	0.226	U	UG/L
			LB	5mL rb	Bromomethane	1/9/2009	0.407	0.407	U	UG/L
			LB	5mL rb	Carbon disulfide	1/9/2009	0.465	0.465	U	UG/L
			LB	5mL rb	Carbon Tetrachloride	1/9/2009	0.306	0.306	U	UG/L
			LB	5mL rb	Chlorobenzene	1/9/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Chloroethane	1/9/2009	0.42	0.42	U	UG/L
			LB	5mL rb	Chloroform	1/9/2009	0.257	0.257	U	UG/L
			LB	5mL rb	Chloromethane	1/9/2009	0.436	0.436	U	UG/L
			LB	5mL rb	cis-1,2-DCE	1/9/2009	0.252	0.252	U	UG/L
			LB	5mL rb	cis-1,3-Dichloropropene	1/9/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Dibromochloromethane	1/9/2009	0.327	0.327	U	UG/L
			LB	5mL rb	Dibromomethane	1/9/2009	0.199	0.199	U	UG/L
			LB	5mL rb	Dichlorodifluoromethane	1/9/2009	0.429	0.429	U	UG/L
			LB	5mL rb	Ethylbenzene	1/9/2009	0.155	0.155	U	UG/L
			LB	5mL rb	Hexachlorobutadiene	1/9/2009	0.307	0.307	U	UG/L
			LB	5mL rb	Isopropylbenzene	1/9/2009	0.178	0.178	U	UG/L
			LB	5mL rb	Methyl tert-butyl ether (MTBE)	1/9/2009	0.412	0.412	U	UG/L
			LB	5mL rb	Methylene Chloride	1/9/2009	0.422	0.422	U	UG/L
			LB	5mL rb	Naphthalene	1/9/2009	0.225	0.225	U	UG/L
			LB	5mL rb	n-Butylbenzene	1/9/2009	0.218	0.218	U	UG/L
			LB	5mL rb	n-Propylbenzene	1/9/2009	0.199	0.199	U	UG/L
			LB	5mL rb	sec-Butylbenzene	1/9/2009	0.633	0.633	U	UG/L
			LB	5mL rb	Styrene	1/9/2009	0.149	0.149	U	UG/L
			LB	5mL rb	tert-Butylbenzene	1/9/2009	0.196	0.196	U	UG/L
			LB	5mL rb	Tetrachloroethene (PCE)	1/9/2009	0.206	0.206	U	UG/L
			LB	5mL rb	Toluene	1/9/2009	0.153	0.153	U	UG/L
			LB	5mL rb	trans-1,2-DCE	1/9/2009	0.23	0.23	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901120										
	SW8260B	WATER	LB	5mL rb	trans-1,3-Dichloropropene	1/9/2009	0.179	0.179	U	UG/L
			LB	5mL rb	Trichloroethene (TCE)	1/9/2009	0.281	0.281	U	UG/L
			LB	5mL rb	Trichlorofluoromethane	1/9/2009	0.23	0.23	U	UG/L
			LB	5mL rb	Vinyl chloride	1/9/2009	0.345	0.345	U	UG/L
			LB	5mL rb	Xylenes, Total	1/9/2009	0.601	0.601	U	UG/L
0901125										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/12/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/12/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/12/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/12/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	1/12/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/12/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	1/12/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/12/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/12/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/12/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	1/12/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/12/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/12/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/12/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/12/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/12/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	1/12/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/12/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/12/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/12/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/12/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/12/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/12/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/12/2009	0.259	0.259	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901125										
	SW8260B	WATER	LB	5ml rb	2-Hexanone	1/12/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/12/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/12/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/12/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	1/12/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/12/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	1/12/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/12/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/12/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/12/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	1/12/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/12/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	1/12/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/12/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/12/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/12/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	1/12/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/12/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/12/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/12/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/12/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/12/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	1/12/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/12/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/12/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/12/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/12/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/12/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/12/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/12/2009	0.199	0.199	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901125										
	SW8260B	WATER	LB	5ml rb	sec-Butylbenzene	1/12/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/12/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/12/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/12/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	1/12/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/12/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	1/12/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/12/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/12/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/12/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	1/12/2009	0.601	0.601	U	UG/L
0901169										
	SW8260B	WATER	LB	5mL rb	1,1,1,2-Tetrachloroethane	1/13/2009	0.187	0.187	U	UG/L
			LB	5mL rb	1,1,1-Trichloroethane	1/13/2009	0.247	0.247	U	UG/L
			LB	5mL rb	1,1,2,2-Tetrachloroethane	1/13/2009	0.217	0.217	U	UG/L
			LB	5mL rb	1,1,2-Trichloroethane	1/13/2009	0.371	0.371	U	UG/L
			LB	5mL rb	1,1-Dichloroethane	1/13/2009	0.394	0.394	U	UG/L
			LB	5mL rb	1,1-Dichloroethene	1/13/2009	0.249	0.249	U	UG/L
			LB	5mL rb	1,1-Dichloropropene	1/13/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2,3-Trichlorobenzene	1/13/2009	0.278	0.278	U	UG/L
			LB	5mL rb	1,2,3-Trichloropropane	1/13/2009	0.243	0.243	U	UG/L
			LB	5mL rb	1,2,4-Trichlorobenzene	1/13/2009	0.241	0.241	U	UG/L
			LB	5mL rb	1,2,4-Trimethylbenzene	1/13/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2-Dibromo-3-chloropropane	1/13/2009	0.275	0.275	U	UG/L
			LB	5mL rb	1,2-Dibromoethane (EDB)	1/13/2009	0.178	0.178	U	UG/L
			LB	5mL rb	1,2-Dichlorobenzene	1/13/2009	0.256	0.256	U	UG/L
			LB	5mL rb	1,2-Dichloroethane (EDC)	1/13/2009	0.422	0.422	U	UG/L
			LB	5mL rb	1,2-Dichloropropane	1/13/2009	0.289	0.289	U	UG/L
			LB	5mL rb	1,3,5-Trimethylbenzene	1/13/2009	0.235	0.235	U	UG/L
			LB	5mL rb	1,3-Dichlorobenzene	1/13/2009	0.251	0.251	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901169										
	SW8260B	WATER	LB	5mL rb	1,3-Dichloropropane	1/13/2009	0.141	0.141	U	UG/L
			LB	5mL rb	1,4-Dichlorobenzene	1/13/2009	0.27	0.27	U	UG/L
			LB	5mL rb	1-Methylnaphthalene	1/13/2009	0.494	0.494	U	UG/L
			LB	5mL rb	2,2-Dichloropropane	1/13/2009	0.243	0.243	U	UG/L
			LB	5mL rb	2-Butanone	1/13/2009	0.502	0.502	U	UG/L
			LB	5mL rb	2-Chlorotoluene	1/13/2009	0.259	0.259	U	UG/L
			LB	5mL rb	2-Hexanone	1/13/2009	0.642	0.642	U	UG/L
			LB	5mL rb	2-Methylnaphthalene	1/13/2009	0.572	0.572	U	UG/L
			LB	5mL rb	4-Chlorotoluene	1/13/2009	0.222	0.222	U	UG/L
			LB	5mL rb	4-Isopropyltoluene	1/13/2009	0.226	0.226	U	UG/L
			LB	5mL rb	4-Methyl-2-pentanone	1/13/2009	0.608	0.608	U	UG/L
			LB	5mL rb	Acetone	1/13/2009	6.47	6.47	U	UG/L
			LB	5mL rb	Benzene	1/13/2009	0.214	0.214	U	UG/L
			LB	5mL rb	Bromobenzene	1/13/2009	0.264	0.264	U	UG/L
			LB	5mL rb	Bromodichloromethane	1/13/2009	0.176	0.176	U	UG/L
			LB	5mL rb	Bromoform	1/13/2009	0.226	0.226	U	UG/L
			LB	5mL rb	Bromomethane	1/13/2009	0.407	0.407	U	UG/L
			LB	5mL rb	Carbon disulfide	1/13/2009	0.465	0.465	U	UG/L
			LB	5mL rb	Carbon Tetrachloride	1/13/2009	0.306	0.306	U	UG/L
			LB	5mL rb	Chlorobenzene	1/13/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Chloroethane	1/13/2009	0.42	0.42	U	UG/L
			LB	5mL rb	Chloroform	1/13/2009	0.257	0.257	U	UG/L
			LB	5mL rb	Chloromethane	1/13/2009	0.436	0.436	U	UG/L
			LB	5mL rb	cis-1,2-DCE	1/13/2009	0.252	0.252	U	UG/L
			LB	5mL rb	cis-1,3-Dichloropropene	1/13/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Dibromochloromethane	1/13/2009	0.327	0.327	U	UG/L
			LB	5mL rb	Dibromomethane	1/13/2009	0.199	0.199	U	UG/L
			LB	5mL rb	Dichlorodifluoromethane	1/13/2009	0.429	0.429	U	UG/L
			LB	5mL rb	Ethylbenzene	1/13/2009	0.155	0.155	U	UG/L
			LB	5mL rb	Hexachlorobutadiene	1/13/2009	0.307	0.307	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901169										
	SW8260B	WATER	LB	5mL rb	Isopropylbenzene	1/13/2009	0.178	0.178	U	UG/L
			LB	5mL rb	Methyl tert-butyl ether (MTBE)	1/13/2009	0.412	0.412	U	UG/L
			LB	5mL rb	Methylene Chloride	1/13/2009	0.422	0.422	U	UG/L
			LB	5mL rb	Naphthalene	1/13/2009	0.225	0.225	U	UG/L
			LB	5mL rb	n-Butylbenzene	1/13/2009	0.218	0.218	U	UG/L
			LB	5mL rb	n-Propylbenzene	1/13/2009	0.199	0.199	U	UG/L
			LB	5mL rb	sec-Butylbenzene	1/13/2009	0.633	0.633	U	UG/L
			LB	5mL rb	Styrene	1/13/2009	0.149	0.149	U	UG/L
			LB	5mL rb	tert-Butylbenzene	1/13/2009	0.196	0.196	U	UG/L
			LB	5mL rb	Tetrachloroethene (PCE)	1/13/2009	0.206	0.206	U	UG/L
			LB	5mL rb	Toluene	1/13/2009	0.153	0.153	U	UG/L
			LB	5mL rb	trans-1,2-DCE	1/13/2009	0.23	0.23	U	UG/L
			LB	5mL rb	trans-1,3-Dichloropropene	1/13/2009	0.179	0.179	U	UG/L
			LB	5mL rb	Trichloroethene (TCE)	1/13/2009	0.281	0.281	U	UG/L
			LB	5mL rb	Trichlorofluoromethane	1/13/2009	0.23	0.23	U	UG/L
			LB	5mL rb	Vinyl chloride	1/13/2009	0.345	0.345	U	UG/L
			LB	5mL rb	Xylenes, Total	1/13/2009	0.601	0.601	U	UG/L
0901187										
	SW8260B	WATER	LB	5mL rb	1,1,1,2-Tetrachloroethane	1/14/2009	0.187	0.187	U	UG/L
			LB	5mL rb	1,1,1-Trichloroethane	1/14/2009	0.247	0.247	U	UG/L
			LB	5mL rb	1,1,2,2-Tetrachloroethane	1/14/2009	0.217	0.217	U	UG/L
			LB	5mL rb	1,1,2-Trichloroethane	1/14/2009	0.371	0.371	U	UG/L
			LB	5mL rb	1,1-Dichloroethane	1/14/2009	0.394	0.394	U	UG/L
			LB	5mL rb	1,1-Dichloroethene	1/14/2009	0.249	0.249	U	UG/L
			LB	5mL rb	1,1-Dichloropropene	1/14/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2,3-Trichlorobenzene	1/14/2009	0.278	0.278	U	UG/L
			LB	5mL rb	1,2,3-Trichloropropane	1/14/2009	0.243	0.243	U	UG/L
			LB	5mL rb	1,2,4-Trichlorobenzene	1/14/2009	0.241	0.241	U	UG/L
			LB	5mL rb	1,2,4-Trimethylbenzene	1/14/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2-Dibromo-3-chloropropane	1/14/2009	0.275	0.275	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901187										
	SW8260B	WATER	LB	5mL rb	1,2-Dibromoethane (EDB)	1/14/2009	0.178	0.178	U	UG/L
			LB	5mL rb	1,2-Dichlorobenzene	1/14/2009	0.256	0.256	U	UG/L
			LB	5mL rb	1,2-Dichloroethane (EDC)	1/14/2009	0.422	0.422	U	UG/L
			LB	5mL rb	1,2-Dichloropropane	1/14/2009	0.289	0.289	U	UG/L
			LB	5mL rb	1,3,5-Trimethylbenzene	1/14/2009	0.235	0.235	U	UG/L
			LB	5mL rb	1,3-Dichlorobenzene	1/14/2009	0.251	0.251	U	UG/L
			LB	5mL rb	1,3-Dichloropropane	1/14/2009	0.141	0.141	U	UG/L
			LB	5mL rb	1,4-Dichlorobenzene	1/14/2009	0.27	0.27	U	UG/L
			LB	5mL rb	1-Methylnaphthalene	1/14/2009	0.494	0.494	U	UG/L
			LB	5mL rb	2,2-Dichloropropane	1/14/2009	0.243	0.243	U	UG/L
			LB	5mL rb	2-Butanone	1/14/2009	0.502	0.502	U	UG/L
			LB	5mL rb	2-Chlorotoluene	1/14/2009	0.259	0.259	U	UG/L
			LB	5mL rb	2-Hexanone	1/14/2009	0.642	0.642	U	UG/L
			LB	5mL rb	2-Methylnaphthalene	1/14/2009	0.572	0.572	U	UG/L
			LB	5mL rb	4-Chlorotoluene	1/14/2009	0.222	0.222	U	UG/L
			LB	5mL rb	4-Isopropyltoluene	1/14/2009	0.226	0.226	U	UG/L
			LB	5mL rb	4-Methyl-2-pentanone	1/14/2009	0.608	0.608	U	UG/L
			LB	5mL rb	Acetone	1/14/2009	6.47	6.47	U	UG/L
			LB	5mL rb	Benzene	1/14/2009	0.214	0.214	U	UG/L
			LB	5mL rb	Bromobenzene	1/14/2009	0.264	0.264	U	UG/L
			LB	5mL rb	Bromodichloromethane	1/14/2009	0.176	0.176	U	UG/L
			LB	5mL rb	Bromoform	1/14/2009	0.226	0.226	U	UG/L
			LB	5mL rb	Bromomethane	1/14/2009	0.407	0.407	U	UG/L
			LB	5mL rb	Carbon disulfide	1/14/2009	0.465	0.465	U	UG/L
			LB	5mL rb	Carbon Tetrachloride	1/14/2009	0.306	0.306	U	UG/L
			LB	5mL rb	Chlorobenzene	1/14/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Chloroethane	1/14/2009	0.42	0.42	U	UG/L
			LB	5mL rb	Chloroform	1/14/2009	0.257	0.257	U	UG/L
			LB	5mL rb	Chloromethane	1/14/2009	0.436	0.436	U	UG/L
			LB	5mL rb	cis-1,2-DCE	1/14/2009	0.252	0.252	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901187										
	SW8260B	WATER	LB	5mL rb	cis-1,3-Dichloropropene	1/14/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Dibromochloromethane	1/14/2009	0.327	0.327	U	UG/L
			LB	5mL rb	Dibromomethane	1/14/2009	0.199	0.199	U	UG/L
			LB	5mL rb	Dichlorodifluoromethane	1/14/2009	0.429	0.429	U	UG/L
			LB	5mL rb	Ethylbenzene	1/14/2009	0.155	0.155	U	UG/L
			LB	5mL rb	Hexachlorobutadiene	1/14/2009	0.307	0.307	U	UG/L
			LB	5mL rb	Isopropylbenzene	1/14/2009	0.178	0.178	U	UG/L
			LB	5mL rb	Methyl tert-butyl ether (MTBE)	1/14/2009	0.412	0.412	U	UG/L
			LB	5mL rb	Methylene Chloride	1/14/2009	0.422	0.422	U	UG/L
			LB	5mL rb	Naphthalene	1/14/2009	0.225	0.225	U	UG/L
			LB	5mL rb	n-Butylbenzene	1/14/2009	0.218	0.218	U	UG/L
			LB	5mL rb	n-Propylbenzene	1/14/2009	0.199	0.199	U	UG/L
			LB	5mL rb	sec-Butylbenzene	1/14/2009	0.633	0.633	U	UG/L
			LB	5mL rb	Styrene	1/14/2009	0.149	0.149	U	UG/L
			LB	5mL rb	tert-Butylbenzene	1/14/2009	0.196	0.196	U	UG/L
			LB	5mL rb	Tetrachloroethene (PCE)	1/14/2009	0.206	0.206	U	UG/L
			LB	5mL rb	Toluene	1/14/2009	0.153	0.153	U	UG/L
			LB	5mL rb	trans-1,2-DCE	1/14/2009	0.23	0.23	U	UG/L
			LB	5mL rb	trans-1,3-Dichloropropene	1/14/2009	0.179	0.179	U	UG/L
			LB	5mL rb	Trichloroethene (TCE)	1/14/2009	0.281	0.281	U	UG/L
			LB	5mL rb	Trichlorofluoromethane	1/14/2009	0.23	0.23	U	UG/L
			LB	5mL rb	Vinyl chloride	1/14/2009	0.345	0.345	U	UG/L
			LB	5mL rb	Xylenes, Total	1/14/2009	0.601	0.601	U	UG/L
0901213										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/15/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/15/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/15/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/15/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	1/15/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/15/2009	0.249	0.249	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901213										
	SW8260B	WATER	LB	5ml rb	1,1-Dichloropropene	1/15/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/15/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/15/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/15/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	1/15/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/15/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/15/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/15/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/15/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/15/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	1/15/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/15/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/15/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/15/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/15/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/15/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/15/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/15/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	1/15/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/15/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/15/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/15/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	1/15/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/15/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	1/15/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/15/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/15/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/15/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	1/15/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/15/2009	0.465	0.465	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901213										
	SW8260B	WATER	LB	5ml rb	Carbon Tetrachloride	1/15/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/15/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/15/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/15/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	1/15/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/15/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/15/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/15/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/15/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/15/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	1/15/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/15/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/15/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/15/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/15/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/15/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/15/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/15/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	1/15/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/15/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/15/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/15/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	1/15/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/15/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	1/15/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/15/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/15/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/15/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	1/15/2009	0.601	0.601	U	UG/L
0901252										

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901252										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/19/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/19/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/19/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/19/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	1/19/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/19/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	1/19/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/19/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/19/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/19/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	1/19/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/19/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/19/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/19/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/19/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/19/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	1/19/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/19/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/19/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/19/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/19/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/19/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/19/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/19/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	1/19/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/19/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/19/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/19/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	1/19/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/19/2009	6.47	6.47	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901252										
	SW8260B	WATER	LB	5ml rb	Benzene	1/19/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/19/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/19/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/19/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	1/19/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/19/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	1/19/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/19/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/19/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/19/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	1/19/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/19/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/19/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/19/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/19/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/19/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	1/19/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/19/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/19/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/19/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/19/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/19/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/19/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/19/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	1/19/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/19/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/19/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/19/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	1/19/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/19/2009	0.23	0.23	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901252										
	SW8260B	WATER	LB	5ml rb	trans-1,3-Dichloropropene	1/19/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/19/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/19/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/19/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	1/19/2009	0.601	0.601	U	UG/L
0901311										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/23/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/23/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/23/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/23/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	1/23/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/23/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	1/23/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/23/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/23/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/23/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	1/23/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/23/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/23/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/23/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/23/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/23/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	1/23/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/23/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/23/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/23/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/23/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/23/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/23/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/23/2009	0.259	0.259	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901311										
	SW8260B	WATER	LB	5ml rb	2-Hexanone	1/23/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/23/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/23/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/23/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	1/23/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/23/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	1/23/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/23/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/23/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/23/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	1/23/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/23/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	1/23/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/23/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/23/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/23/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	1/23/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/23/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/23/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/23/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/23/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/23/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	1/23/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/23/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/23/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/23/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/23/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/23/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/23/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/23/2009	0.199	0.199	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901311										
	SW8260B	WATER	LB	5ml rb	sec-Butylbenzene	1/23/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/23/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/23/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/23/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	1/23/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/23/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	1/23/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/23/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/23/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/23/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	1/23/2009	0.601	0.601	U	UG/L
0901349										
	SW8260B	AIR	AB	WP26-AB-260109	1,1,1,2-Tetrachloroethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,1,1-Trichloroethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,1,2,2-Tetrachloroethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,1,2-Trichloroethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,1-Dichloroethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,1-Dichloroethene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,1-Dichloropropene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2,3-Trichlorobenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2,3-Trichloropropane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2,4-Trichlorobenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2,4-Trimethylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2-Dibromo-3-chloropropane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2-Dibromoethane (EDB)	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2-Dichlorobenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2-Dichloroethane (EDC)	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,2-Dichloropropane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,3,5-Trimethylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,3-Dichlorobenzene	1/27/2009	0.02	0.02	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901349										
	SW8260B	AIR	AB	WP26-AB-260109	1,3-Dichloropropane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1,4-Dichlorobenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	1-Methylnaphthalene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	2,2-Dichloropropane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	2-Chlorotoluene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	2-Hexanone	1/27/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-260109	2-Methylnaphthalene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	4-Chlorotoluene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	4-Isopropyltoluene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	4-Methyl-2-pentanone	1/27/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-260109	Benzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Bromobenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Bromodichloromethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Bromoform	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Bromomethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Carbon disulfide	1/27/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-260109	Carbon tetrachloride	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Chlorobenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Chloroethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Chloroform	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Chloromethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	cis-1,2-DCE	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	cis-1,3-Dichloropropene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Dibromochloromethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Dibromomethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Dichlorodifluoromethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Ethylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Hexachlorobutadiene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Isopropylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Methyl tert-butyl ether (MTBE)	1/27/2009	0.02	0.02	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901349										
	SW8260B	AIR	AB	WP26-AB-260109	Naphthalene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	n-Butylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	n-Propylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	sec-Butylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Styrene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	tert-Butylbenzene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Tetrachloroethene (PCE)	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Toluene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	trans-1,2-DCE	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	trans-1,3-Dichloropropene	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Trichloroethene (TCE)	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Trichlorofluoromethane	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Vinyl chloride	1/27/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-260109	Xylenes, Total	1/27/2009	0.06	0.06	U	UG/L
		WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/27/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/27/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/27/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/27/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	1/27/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/27/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	1/27/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/27/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/27/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/27/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	1/27/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/27/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/27/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/27/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/27/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/27/2009	0.289	0.289	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901349										
	SW8260B	WATER	LB	5ml rb	1,3,5-Trimethylbenzene	1/27/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/27/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/27/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/27/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/27/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/27/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/27/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/27/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	1/27/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/27/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/27/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/27/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	1/27/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/27/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	1/27/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/27/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/27/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/27/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	1/27/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/27/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	1/27/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/27/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/27/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/27/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	1/27/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/27/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/27/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/27/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/27/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/27/2009	0.429	0.429	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901349										
	SW8260B	WATER	LB	5ml rb	Ethylbenzene	1/27/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/27/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/27/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/27/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/27/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/27/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/27/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/27/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	1/27/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/27/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/27/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/27/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	1/27/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/27/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	1/27/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/27/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/27/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/27/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	1/27/2009	0.601	0.601	U	UG/L
0901369										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/28/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/28/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/28/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/28/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	1/28/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/28/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	1/28/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/28/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/28/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/28/2009	0.241	0.241	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901369										
	SW8260B	WATER	LB	5ml rb	1,2,4-Trimethylbenzene	1/28/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/28/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/28/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/28/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/28/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/28/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	1/28/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/28/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/28/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/28/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/28/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/28/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/28/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/28/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	1/28/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/28/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/28/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/28/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	1/28/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/28/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	1/28/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/28/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/28/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/28/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	1/28/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/28/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	1/28/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/28/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/28/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/28/2009	0.257	0.257	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901369										
	SW8260B	WATER	LB	5ml rb	Chloromethane	1/28/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/28/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/28/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/28/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/28/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/28/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	1/28/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/28/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/28/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/28/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/28/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/28/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/28/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/28/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	1/28/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/28/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/28/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/28/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	1/28/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/28/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	1/28/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/28/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/28/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/28/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	1/28/2009	0.601	0.601	U	UG/L
0901374										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/28/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/28/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/28/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/28/2009	0.371	0.371	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901374										
	SW8260B	WATER	LB	5ml rb	1,1-Dichloroethane	1/28/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/28/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	1/28/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/28/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/28/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/28/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	1/28/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/28/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/28/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/28/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/28/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/28/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	1/28/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/28/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/28/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/28/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/28/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/28/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/28/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/28/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	1/28/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/28/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/28/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/28/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	1/28/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/28/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	1/28/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/28/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/28/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/28/2009	0.226	0.226	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901374										
	SW8260B	WATER	LB	5ml rb	Bromomethane	1/28/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/28/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	1/28/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/28/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/28/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/28/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	1/28/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/28/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/28/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/28/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/28/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/28/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	1/28/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/28/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/28/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/28/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/28/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/28/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/28/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/28/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	1/28/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/28/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/28/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/28/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	1/28/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/28/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	1/28/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/28/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/28/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/28/2009	0.345	0.345	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901374										
	SW8260B	WATER	LB	5ml rb	Xylenes, Total	1/28/2009	0.601	0.601	U	UG/L
0901424										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	1/30/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	1/30/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	1/30/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	1/30/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	1/30/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	1/30/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	1/30/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	1/30/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	1/30/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	1/30/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	1/30/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	1/30/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	1/30/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	1/30/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	1/30/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	1/30/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	1/30/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	1/30/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	1/30/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	1/30/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	1/30/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	1/30/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	1/30/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	1/30/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	1/30/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	1/30/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	1/30/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	1/30/2009	0.226	0.226	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901424										
	SW8260B	WATER	LB	5ml rb	4-Methyl-2-pentanone	1/30/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	1/30/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	1/30/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	1/30/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	1/30/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	1/30/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	1/30/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	1/30/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	1/30/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	1/30/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	1/30/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	1/30/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	1/30/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	1/30/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	1/30/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	1/30/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	1/30/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	1/30/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	1/30/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	1/30/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	1/30/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	1/30/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	1/30/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	1/30/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	1/30/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	1/30/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	1/30/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	1/30/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	1/30/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	1/30/2009	0.206	0.206	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0901424										
	SW8260B	WATER	LB	5ml rb	Toluene	1/30/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	1/30/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	1/30/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	1/30/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	1/30/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	1/30/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	1/30/2009	0.601	0.601	U	UG/L
0902004										
	SW8260B	WATER	LB	5mL rb	1,1,1,2-Tetrachloroethane	2/3/2009	0.187	0.187	U	UG/L
			LB	5mL rb	1,1,1-Trichloroethane	2/3/2009	0.247	0.247	U	UG/L
			LB	5mL rb	1,1,2,2-Tetrachloroethane	2/3/2009	0.217	0.217	U	UG/L
			LB	5mL rb	1,1,2-Trichloroethane	2/3/2009	0.371	0.371	U	UG/L
			LB	5mL rb	1,1-Dichloroethane	2/3/2009	0.394	0.394	U	UG/L
			LB	5mL rb	1,1-Dichloroethene	2/3/2009	0.249	0.249	U	UG/L
			LB	5mL rb	1,1-Dichloropropene	2/3/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2,3-Trichlorobenzene	2/3/2009	0.278	0.278	U	UG/L
			LB	5mL rb	1,2,3-Trichloropropane	2/3/2009	0.243	0.243	U	UG/L
			LB	5mL rb	1,2,4-Trichlorobenzene	2/3/2009	0.241	0.241	U	UG/L
			LB	5mL rb	1,2,4-Trimethylbenzene	2/3/2009	0.212	0.212	U	UG/L
			LB	5mL rb	1,2-Dibromo-3-chloropropane	2/3/2009	0.275	0.275	U	UG/L
			LB	5mL rb	1,2-Dibromoethane (EDB)	2/3/2009	0.178	0.178	U	UG/L
			LB	5mL rb	1,2-Dichlorobenzene	2/3/2009	0.256	0.256	U	UG/L
			LB	5mL rb	1,2-Dichloroethane (EDC)	2/3/2009	0.422	0.422	U	UG/L
			LB	5mL rb	1,2-Dichloropropane	2/3/2009	0.289	0.289	U	UG/L
			LB	5mL rb	1,3,5-Trimethylbenzene	2/3/2009	0.235	0.235	U	UG/L
			LB	5mL rb	1,3-Dichlorobenzene	2/3/2009	0.251	0.251	U	UG/L
			LB	5mL rb	1,3-Dichloropropane	2/3/2009	0.141	0.141	U	UG/L
			LB	5mL rb	1,4-Dichlorobenzene	2/3/2009	0.27	0.27	U	UG/L
			LB	5mL rb	1-Methylnaphthalene	2/3/2009	0.494	0.494	U	UG/L
			LB	5mL rb	2,2-Dichloropropane	2/3/2009	0.243	0.243	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902004										
	SW8260B	WATER	LB	5mL rb	2-Butanone	2/3/2009	0.502	0.502	U	UG/L
			LB	5mL rb	2-Chlorotoluene	2/3/2009	0.259	0.259	U	UG/L
			LB	5mL rb	2-Hexanone	2/3/2009	0.642	0.642	U	UG/L
			LB	5mL rb	2-Methylnaphthalene	2/3/2009	0.572	0.572	U	UG/L
			LB	5mL rb	4-Chlorotoluene	2/3/2009	0.222	0.222	U	UG/L
			LB	5mL rb	4-Isopropyltoluene	2/3/2009	0.226	0.226	U	UG/L
			LB	5mL rb	4-Methyl-2-pentanone	2/3/2009	0.608	0.608	U	UG/L
			LB	5mL rb	Acetone	2/3/2009	6.47	6.47	U	UG/L
			LB	5mL rb	Benzene	2/3/2009	0.214	0.214	U	UG/L
			LB	5mL rb	Bromobenzene	2/3/2009	0.264	0.264	U	UG/L
			LB	5mL rb	Bromodichloromethane	2/3/2009	0.176	0.176	U	UG/L
			LB	5mL rb	Bromoform	2/3/2009	0.226	0.226	U	UG/L
			LB	5mL rb	Bromomethane	2/3/2009	0.407	0.407	U	UG/L
			LB	5mL rb	Carbon disulfide	2/3/2009	0.465	0.465	U	UG/L
			LB	5mL rb	Carbon Tetrachloride	2/3/2009	0.306	0.306	U	UG/L
			LB	5mL rb	Chlorobenzene	2/3/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Chloroethane	2/3/2009	0.42	0.42	U	UG/L
			LB	5mL rb	Chloroform	2/3/2009	0.257	0.257	U	UG/L
			LB	5mL rb	Chloromethane	2/3/2009	0.436	0.436	U	UG/L
			LB	5mL rb	cis-1,2-DCE	2/3/2009	0.252	0.252	U	UG/L
			LB	5mL rb	cis-1,3-Dichloropropene	2/3/2009	0.169	0.169	U	UG/L
			LB	5mL rb	Dibromochloromethane	2/3/2009	0.327	0.327	U	UG/L
			LB	5mL rb	Dibromomethane	2/3/2009	0.199	0.199	U	UG/L
			LB	5mL rb	Dichlorodifluoromethane	2/3/2009	0.429	0.429	U	UG/L
			LB	5mL rb	Ethylbenzene	2/3/2009	0.155	0.155	U	UG/L
			LB	5mL rb	Hexachlorobutadiene	2/3/2009	0.307	0.307	U	UG/L
			LB	5mL rb	Isopropylbenzene	2/3/2009	0.178	0.178	U	UG/L
			LB	5mL rb	Methyl tert-butyl ether (MTBE)	2/3/2009	0.412	0.412	U	UG/L
			LB	5mL rb	Methylene Chloride	2/3/2009	0.422	0.422	U	UG/L
			LB	5mL rb	Naphthalene	2/3/2009	0.225	0.225	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902004										
	SW8260B	WATER	LB	5mL rb	n-Butylbenzene	2/3/2009	0.218	0.218	U	UG/L
			LB	5mL rb	n-Propylbenzene	2/3/2009	0.199	0.199	U	UG/L
			LB	5mL rb	sec-Butylbenzene	2/3/2009	0.633	0.633	U	UG/L
			LB	5mL rb	Styrene	2/3/2009	0.149	0.149	U	UG/L
			LB	5mL rb	tert-Butylbenzene	2/3/2009	0.196	0.196	U	UG/L
			LB	5mL rb	Tetrachloroethene (PCE)	2/3/2009	0.206	0.206	U	UG/L
			LB	5mL rb	Toluene	2/3/2009	0.153	0.153	U	UG/L
			LB	5mL rb	trans-1,2-DCE	2/3/2009	0.23	0.23	U	UG/L
			LB	5mL rb	trans-1,3-Dichloropropene	2/3/2009	0.179	0.179	U	UG/L
			LB	5mL rb	Trichloroethene (TCE)	2/3/2009	0.281	0.281	U	UG/L
			LB	5mL rb	Trichlorofluoromethane	2/3/2009	0.23	0.23	U	UG/L
			LB	5mL rb	Vinyl chloride	2/3/2009	0.345	0.345	U	UG/L
			LB	5mL rb	Xylenes, Total	2/3/2009	0.601	0.601	U	UG/L
0902014										
	SW8260B	WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	2/4/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	2/4/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	2/4/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	2/4/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	2/4/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	2/4/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	2/4/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	2/4/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	2/4/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	2/4/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	2/4/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	2/4/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	2/4/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	2/4/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	2/4/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	2/4/2009	0.289	0.289	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902014										
	SW8260B	WATER	LB	5ml rb	1,3,5-Trimethylbenzene	2/4/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	2/4/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	2/4/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	2/4/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	2/4/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	2/4/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	2/4/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	2/4/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	2/4/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	2/4/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	2/4/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	2/4/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	2/4/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	2/4/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	2/4/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	2/4/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	2/4/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	2/4/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	2/4/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	2/4/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	2/4/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	2/4/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	2/4/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	2/4/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	2/4/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	2/4/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	2/4/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	2/4/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	2/4/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	2/4/2009	0.429	0.429	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902014										
	SW8260B	WATER	LB	5ml rb	Ethylbenzene	2/4/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	2/4/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	2/4/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	2/4/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	2/4/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	2/4/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	2/4/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	2/4/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	2/4/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	2/4/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	2/4/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	2/4/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	2/4/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	2/4/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	2/4/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	2/4/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	2/4/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	2/4/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	2/4/2009	0.601	0.601	U	UG/L
0902146										
	SW8260B	AIR	AB	WP26-AB-021609	1,1,1,2-Tetrachloroethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,1,1-Trichloroethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,1,2,2-Tetrachloroethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,1,2-Trichloroethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,1-Dichloroethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,1-Dichloroethene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,1-Dichloropropene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2,3-Trichlorobenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2,3-Trichloropropane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2,4-Trichlorobenzene	2/16/2009	0.02	0.02	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902146										
	SW8260B	AIR	AB	WP26-AB-021609	1,2,4-Trimethylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2-Dibromo-3-chloropropane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2-Dibromoethane (EDB)	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2-Dichlorobenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2-Dichloroethane (EDC)	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,2-Dichloropropane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,3,5-Trimethylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,3-Dichlorobenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,3-Dichloropropane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1,4-Dichlorobenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	1-Methylnaphthalene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	2,2-Dichloropropane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	2-Butanone	2/16/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-021609	2-Chlorotoluene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	2-Hexanone	2/16/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-021609	2-Methylnaphthalene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	4-Chlorotoluene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	4-Isopropyltoluene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	4-Methyl-2-pentanone	2/16/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-021609	Acetone	2/16/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-021609	Benzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Bromobenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Bromodichloromethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Bromoform	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Bromomethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Carbon disulfide	2/16/2009	0.04	0.04	U	UG/L
			AB	WP26-AB-021609	Carbon tetrachloride	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Chlorobenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Chloroethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Chloroform	2/16/2009	0.02	0.02	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902146										
	SW8260B	AIR	AB	WP26-AB-021609	Chloromethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	cis-1,2-DCE	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	cis-1,3-Dichloropropene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Dibromochloromethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Dibromomethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Dichlorodifluoromethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Ethylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Hexachlorobutadiene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Isopropylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Methyl tert-butyl ether (MTBE)	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Methylene chloride	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Naphthalene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	n-Butylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	n-Propylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	sec-Butylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Styrene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	tert-Butylbenzene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Tetrachloroethene (PCE)	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Toluene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	trans-1,2-DCE	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	trans-1,3-Dichloropropene	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Trichloroethene (TCE)	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Trichlorofluoromethane	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Vinyl chloride	2/16/2009	0.02	0.02	U	UG/L
			AB	WP26-AB-021609	Xylenes, Total	2/16/2009	0.06	0.06	U	UG/L
		WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	2/16/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	2/16/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	2/16/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	2/16/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	2/16/2009	0.394	0.394	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902146										
	SW8260B	WATER	LB	5ml rb	1,1-Dichloroethene	2/16/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	2/16/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	2/16/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	2/16/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	2/16/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	2/16/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	2/16/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	2/16/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	2/16/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	2/16/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	2/16/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	2/16/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	2/16/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	2/16/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	2/16/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	2/16/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	2/16/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	2/16/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	2/16/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	2/16/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	2/16/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	2/16/2009	0.222	0.222	U	UG/L
			LB	5ml rb	4-Isopropyltoluene	2/16/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	2/16/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	2/16/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	2/16/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	2/16/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	2/16/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	2/16/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	2/16/2009	0.407	0.407	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0902146										
	SW8260B	WATER	LB	5ml rb	Carbon disulfide	2/16/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	2/16/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	2/16/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	2/16/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	2/16/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	2/16/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	2/16/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	2/16/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	2/16/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	2/16/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	2/16/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	2/16/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	2/16/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	2/16/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	2/16/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	2/16/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	2/16/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	2/16/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	2/16/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	2/16/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	2/16/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	2/16/2009	0.196	0.196	U	UG/L
			LB	5ml rb	Tetrachloroethene (PCE)	2/16/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	2/16/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	2/16/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	2/16/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	2/16/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	2/16/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	2/16/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	2/16/2009	0.601	0.601	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0904196										
	SW8260B	AIR	EB	WP26-SV-EB-140409	1,1,1,2-Tetrachloroethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,1,1-Trichloroethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,1,2,2-Tetrachloroethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,1,2-Trichloroethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,1-Dichloroethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,1-Dichloroethene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,1-Dichloropropene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2,3-Trichlorobenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2,3-Trichloropropane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2,4-Trichlorobenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2,4-Trimethylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2-Dibromo-3-chloropropane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2-Dibromoethane (EDB)	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2-Dichlorobenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2-Dichloroethane (EDC)	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,2-Dichloropropane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,3,5-Trimethylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,3-Dichlorobenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,3-Dichloropropane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1,4-Dichlorobenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	1-Methylnaphthalene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	2,2-Dichloropropane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	2-Butanone	4/15/2009	0.04	0.04	U	UG/L
			EB	WP26-SV-EB-140409	2-Chlorotoluene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	2-Hexanone	4/15/2009	0.04	0.04	U	UG/L
			EB	WP26-SV-EB-140409	2-Methylnaphthalene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	4-Chlorotoluene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	4-Isopropyltoluene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	4-Methyl-2-pentanone	4/15/2009	0.04	0.04	U	UG/L
			EB	WP26-SV-EB-140409	Benzene	4/15/2009	0.02	0.02	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0904196										
	SW8260B	AIR	EB	WP26-SV-EB-140409	Bromobenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Bromodichloromethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Bromoform	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Bromomethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Carbon disulfide	4/15/2009	0.04	0.04	U	UG/L
			EB	WP26-SV-EB-140409	Carbon tetrachloride	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Chlorobenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Chloroethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Chloroform	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Chloromethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	cis-1,2-DCE	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	cis-1,3-Dichloropropene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Dibromochloromethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Dibromomethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Dichlorodifluoromethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Ethylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Hexachlorobutadiene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Isopropylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Methyl tert-butyl ether (MTBE)	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Naphthalene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	n-Butylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	n-Propylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	sec-Butylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Styrene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	tert-Butylbenzene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Tetrachloroethene (PCE)	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Toluene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	trans-1,2-DCE	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	trans-1,3-Dichloropropene	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Trichloroethene (TCE)	4/15/2009	0.02	0.02	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0904196										
	SW8260B	AIR	EB	WP26-SV-EB-140409	Trichlorofluoromethane	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Vinyl chloride	4/15/2009	0.02	0.02	U	UG/L
			EB	WP26-SV-EB-140409	Xylenes, Total	4/15/2009	0.06	0.06	U	UG/L
		WATER	LB	5ml rb	1,1,1,2-Tetrachloroethane	4/15/2009	0.187	0.187	U	UG/L
			LB	5ml rb	1,1,1-Trichloroethane	4/15/2009	0.247	0.247	U	UG/L
			LB	5ml rb	1,1,2,2-Tetrachloroethane	4/15/2009	0.217	0.217	U	UG/L
			LB	5ml rb	1,1,2-Trichloroethane	4/15/2009	0.371	0.371	U	UG/L
			LB	5ml rb	1,1-Dichloroethane	4/15/2009	0.394	0.394	U	UG/L
			LB	5ml rb	1,1-Dichloroethene	4/15/2009	0.249	0.249	U	UG/L
			LB	5ml rb	1,1-Dichloropropene	4/15/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2,3-Trichlorobenzene	4/15/2009	0.278	0.278	U	UG/L
			LB	5ml rb	1,2,3-Trichloropropane	4/15/2009	0.243	0.243	U	UG/L
			LB	5ml rb	1,2,4-Trichlorobenzene	4/15/2009	0.241	0.241	U	UG/L
			LB	5ml rb	1,2,4-Trimethylbenzene	4/15/2009	0.212	0.212	U	UG/L
			LB	5ml rb	1,2-Dibromo-3-chloropropane	4/15/2009	0.275	0.275	U	UG/L
			LB	5ml rb	1,2-Dibromoethane (EDB)	4/15/2009	0.178	0.178	U	UG/L
			LB	5ml rb	1,2-Dichlorobenzene	4/15/2009	0.256	0.256	U	UG/L
			LB	5ml rb	1,2-Dichloroethane (EDC)	4/15/2009	0.422	0.422	U	UG/L
			LB	5ml rb	1,2-Dichloropropane	4/15/2009	0.289	0.289	U	UG/L
			LB	5ml rb	1,3,5-Trimethylbenzene	4/15/2009	0.235	0.235	U	UG/L
			LB	5ml rb	1,3-Dichlorobenzene	4/15/2009	0.251	0.251	U	UG/L
			LB	5ml rb	1,3-Dichloropropane	4/15/2009	0.141	0.141	U	UG/L
			LB	5ml rb	1,4-Dichlorobenzene	4/15/2009	0.27	0.27	U	UG/L
			LB	5ml rb	1-Methylnaphthalene	4/15/2009	0.494	0.494	U	UG/L
			LB	5ml rb	2,2-Dichloropropane	4/15/2009	0.243	0.243	U	UG/L
			LB	5ml rb	2-Butanone	4/15/2009	0.502	0.502	U	UG/L
			LB	5ml rb	2-Chlorotoluene	4/15/2009	0.259	0.259	U	UG/L
			LB	5ml rb	2-Hexanone	4/15/2009	0.642	0.642	U	UG/L
			LB	5ml rb	2-Methylnaphthalene	4/15/2009	0.572	0.572	U	UG/L
			LB	5ml rb	4-Chlorotoluene	4/15/2009	0.222	0.222	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0904196										
	SW8260B	WATER	LB	5ml rb	4-Isopropyltoluene	4/15/2009	0.226	0.226	U	UG/L
			LB	5ml rb	4-Methyl-2-pentanone	4/15/2009	0.608	0.608	U	UG/L
			LB	5ml rb	Acetone	4/15/2009	6.47	6.47	U	UG/L
			LB	5ml rb	Benzene	4/15/2009	0.214	0.214	U	UG/L
			LB	5ml rb	Bromobenzene	4/15/2009	0.264	0.264	U	UG/L
			LB	5ml rb	Bromodichloromethane	4/15/2009	0.176	0.176	U	UG/L
			LB	5ml rb	Bromoform	4/15/2009	0.226	0.226	U	UG/L
			LB	5ml rb	Bromomethane	4/15/2009	0.407	0.407	U	UG/L
			LB	5ml rb	Carbon disulfide	4/15/2009	0.465	0.465	U	UG/L
			LB	5ml rb	Carbon Tetrachloride	4/15/2009	0.306	0.306	U	UG/L
			LB	5ml rb	Chlorobenzene	4/15/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Chloroethane	4/15/2009	0.42	0.42	U	UG/L
			LB	5ml rb	Chloroform	4/15/2009	0.257	0.257	U	UG/L
			LB	5ml rb	Chloromethane	4/15/2009	0.436	0.436	U	UG/L
			LB	5ml rb	cis-1,2-DCE	4/15/2009	0.252	0.252	U	UG/L
			LB	5ml rb	cis-1,3-Dichloropropene	4/15/2009	0.169	0.169	U	UG/L
			LB	5ml rb	Dibromochloromethane	4/15/2009	0.327	0.327	U	UG/L
			LB	5ml rb	Dibromomethane	4/15/2009	0.199	0.199	U	UG/L
			LB	5ml rb	Dichlorodifluoromethane	4/15/2009	0.429	0.429	U	UG/L
			LB	5ml rb	Ethylbenzene	4/15/2009	0.155	0.155	U	UG/L
			LB	5ml rb	Hexachlorobutadiene	4/15/2009	0.307	0.307	U	UG/L
			LB	5ml rb	Isopropylbenzene	4/15/2009	0.178	0.178	U	UG/L
			LB	5ml rb	Methyl tert-butyl ether (MTBE)	4/15/2009	0.412	0.412	U	UG/L
			LB	5ml rb	Methylene Chloride	4/15/2009	0.422	0.422	U	UG/L
			LB	5ml rb	Naphthalene	4/15/2009	0.225	0.225	U	UG/L
			LB	5ml rb	n-Butylbenzene	4/15/2009	0.218	0.218	U	UG/L
			LB	5ml rb	n-Propylbenzene	4/15/2009	0.199	0.199	U	UG/L
			LB	5ml rb	sec-Butylbenzene	4/15/2009	0.633	0.633	U	UG/L
			LB	5ml rb	Styrene	4/15/2009	0.149	0.149	U	UG/L
			LB	5ml rb	tert-Butylbenzene	4/15/2009	0.196	0.196	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
0904196										
	SW8260B	WATER	LB	5ml rb	Tetrachloroethene (PCE)	4/15/2009	0.206	0.206	U	UG/L
			LB	5ml rb	Toluene	4/15/2009	0.153	0.153	U	UG/L
			LB	5ml rb	trans-1,2-DCE	4/15/2009	0.23	0.23	U	UG/L
			LB	5ml rb	trans-1,3-Dichloropropene	4/15/2009	0.179	0.179	U	UG/L
			LB	5ml rb	Trichloroethene (TCE)	4/15/2009	0.281	0.281	U	UG/L
			LB	5ml rb	Trichlorofluoromethane	4/15/2009	0.23	0.23	U	UG/L
			LB	5ml rb	Vinyl chloride	4/15/2009	0.345	0.345	U	UG/L
			LB	5ml rb	Xylenes, Total	4/15/2009	0.601	0.601	U	UG/L
09A110										
	SW8260B	WATER	EB	WP26-SV-101-EB	1,1,1-TRICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,1,2,2-TETRACHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,1,2-TRICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,1-DICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,1-DICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,1-DICHLOROPROPENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,2,3-TRICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,2,3-TRICHLOROPROPANE	1/16/2009	1	0.5	U	UG/L
			EB	WP26-SV-101-EB	1,2,4-TRICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,2,4-TRIMETHYLBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,2-DIBROMO-3-CHLOROPROPA	1/16/2009	5	0.5	U	UG/L
			EB	WP26-SV-101-EB	1,2-DIBROMOETHANE (EDB)	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,2-DICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,2-DICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,2-DICHLOROETHENE (TOTAL)	1/16/2009	2	0.4	U	UG/L
			EB	WP26-SV-101-EB	1,2-DICHLOROPROPANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,3,5-TRIMETHYLBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,3-DICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,3-DICHLOROPROPANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	1,4-DICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	2,2-DICHLOROPROPANE	1/16/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09A110										
	SW8260B	WATER	EB	WP26-SV-101-EB	2-BUTANONE (MEK)	1/16/2009	10	5	U	UG/L
			EB	WP26-SV-101-EB	2-CHLOROTOLUENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	2-HEXANONE	1/16/2009	10	5	U	UG/L
			EB	WP26-SV-101-EB	4-CHLOROTOLUENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	4-METHYL-2-PENTANONE (MIBK)	1/16/2009	10	5	U	UG/L
			EB	WP26-SV-101-EB	ACETONE	1/16/2009	10	5	U	UG/L
			EB	WP26-SV-101-EB	BENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	BROMOBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	BROMOCHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	BROMODICHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	BROMOFORM	1/16/2009	1	0.3	U	UG/L
			EB	WP26-SV-101-EB	BROMOMETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	CARBON TETRACHLORIDE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	CHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	CHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	CHLOROFORM	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	CHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	CIS-1,2-DICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	CIS-1,3-DICHLOROPROPENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	DIBROMOCHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	DIBROMOMETHANE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	DICHLORODIFLUOROMETHANE	1/16/2009	1	0.3	U	UG/L
			EB	WP26-SV-101-EB	ETHYLBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	HEXACHLOROBUTADIENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	ISOPROPYLBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	M,P-XYLENE	1/16/2009	5	0.5	U	UG/L
			EB	WP26-SV-101-EB	METHYL TERT BUTYL ETHER (M	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	METHYLENE CHLORIDE	1/16/2009	1	0.5	U	UG/L
			EB	WP26-SV-101-EB	NAPHTHALENE	1/16/2009	5	0.5	U	UG/L
			EB	WP26-SV-101-EB	N-BUTYLBENZENE	1/16/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09A110										
	SW8260B	WATER	EB	WP26-SV-101-EB	N-PROPYLBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	O-XYLENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	SEC-BUTYLBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	STYRENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	TERT-BUTYLBENZENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	TETRACHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	TOLUENE	1/16/2009	0.79	0.2	J	UG/L
			EB	WP26-SV-101-EB	TRANS-1,2-DICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	TRANS-1,3-DICHLOROPROPENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	TRICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	VINYL CHLORIDE	1/16/2009	1	0.2	U	UG/L
			EB	WP26-SV-101-EB	XYLENES,TOTAL	1/16/2009	2	0.5	U	UG/L
			LB	MBLK1W	1,1,1-TRICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2-TRICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROPROPENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROPROPANE	1/16/2009	1	0.5	U	UG/L
			LB	MBLK1W	1,2,4-TRICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	1/16/2009	5	0.5	U	UG/L
			LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	1/16/2009	2	0.4	U	UG/L
			LB	MBLK1W	1,2-DICHLOROPROPANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09A110										
	SW8260B	WATER	LB	MBLK1W	1,3-DICHLOROPROPANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,4-DICHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	2,2-DICHLOROPROPANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-BUTANONE (MEK)	1/16/2009	10	5	U	UG/L
			LB	MBLK1W	2-CHLOROTOLUENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-HEXANONE	1/16/2009	10	5	U	UG/L
			LB	MBLK1W	4-CHLOROTOLUENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	1/16/2009	10	5	U	UG/L
			LB	MBLK1W	ACETONE	1/16/2009	10	5	U	UG/L
			LB	MBLK1W	BENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOCHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMODICHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOFORM	1/16/2009	1	0.3	U	UG/L
			LB	MBLK1W	BROMOMETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	CARBON TETRACHLORIDE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROFORM	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,2-DICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOCHLOROMETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOMETHANE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	DICHLORODIFLUOROMETHANE	1/16/2009	1	0.3	U	UG/L
			LB	MBLK1W	ETHYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	HEXACHLOROBUTADIENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	ISOPROPYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	M,P-XYLENE	1/16/2009	5	0.5	U	UG/L
			LB	MBLK1W	METHYL TERT BUTYL ETHER (M	1/16/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09A110										
	SW8260B	WATER	LB	MBLK1W	METHYLENE CHLORIDE	1/16/2009	1	0.5	U	UG/L
			LB	MBLK1W	NAPHTHALENE	1/16/2009	5	0.5	U	UG/L
			LB	MBLK1W	N-BUTYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	N-PROPYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	O-XYLENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	SEC-BUTYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	STYRENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	TERT-BUTYLBENZENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	TETRACHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	TOLUENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRICHLOROETHENE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	VINYL CHLORIDE	1/16/2009	1	0.2	U	UG/L
			LB	MBLK1W	XYLENES,TOTAL	1/16/2009	2	0.5	U	UG/L
09B019										
	SW8260B	WATER	EB	WP26-SV-0110-EB	1,1,1-TRICHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,1,2,2-TETRACHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,1,2-TRICHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,1-DICHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,1-DICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,1-DICHLOROPROPENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,2,3-TRICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,2,3-TRICHLOROPROPANE	2/6/2009	1	0.5	U	UG/L
			EB	WP26-SV-0110-EB	1,2,4-TRICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,2,4-TRIMETHYLBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,2-DIBROMO-3-CHLOROPROPA	2/6/2009	5	0.5	U	UG/L
			EB	WP26-SV-0110-EB	1,2-DIBROMOETHANE (EDB)	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,2-DICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,2-DICHLOROETHANE	2/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B019										
	SW8260B	WATER	EB	WP26-SV-0110-EB	1,2-DICHLOROETHENE (TOTAL)	2/6/2009	2	0.4	U	UG/L
			EB	WP26-SV-0110-EB	1,2-DICHLOROPROPANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,3,5-TRIMETHYLBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,3-DICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,3-DICHLOROPROPANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	1,4-DICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	2,2-DICHLOROPROPANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	2-BUTANONE (MEK)	2/6/2009	10	5	U	UG/L
			EB	WP26-SV-0110-EB	2-CHLOROTOLUENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	2-HEXANONE	2/6/2009	10	5	U	UG/L
			EB	WP26-SV-0110-EB	4-CHLOROTOLUENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	4-METHYL-2-PENTANONE (MIBK)	2/6/2009	10	5	U	UG/L
			EB	WP26-SV-0110-EB	ACETONE	2/6/2009	10	5	U	UG/L
			EB	WP26-SV-0110-EB	BENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	BROMOBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	BROMOCHLOROMETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	BROMODICHLOROMETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	BROMOFORM	2/6/2009	1	0.3	U	UG/L
			EB	WP26-SV-0110-EB	BROMOMETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	CARBON TETRACHLORIDE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	CHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	CHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	CHLOROFORM	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	CHLOROMETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	CIS-1,2-DICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	CIS-1,3-DICHLOROPROPENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	DIBROMOCHLOROMETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	DIBROMOMETHANE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	DICHLORODIFLUOROMETHANE	2/6/2009	1	0.3	U	UG/L
			EB	WP26-SV-0110-EB	ETHYLBENZENE	2/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B019										
	SW8260B	WATER	EB	WP26-SV-0110-EB	HEXACHLOROBUTADIENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	ISOPROPYLBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	M,P-XYLENE	2/6/2009	5	0.5	U	UG/L
			EB	WP26-SV-0110-EB	METHYL TERT BUTYL ETHER (M	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	METHYLENE CHLORIDE	2/6/2009	1	0.5	U	UG/L
			EB	WP26-SV-0110-EB	NAPHTHALENE	2/6/2009	5	0.5	U	UG/L
			EB	WP26-SV-0110-EB	N-BUTYLBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	N-PROPYLBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	O-XYLENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	SEC-BUTYLBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	STYRENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	TERT-BUTYLBENZENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	TETRACHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	TOLUENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	TRANS-1,2-DICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	TRANS-1,3-DICHLOROPROPENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	TRICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	VINYL CHLORIDE	2/6/2009	1	0.2	U	UG/L
			EB	WP26-SV-0110-EB	XYLENES, TOTAL	2/6/2009	2	0.5	U	UG/L
			LB	MBLK1W	1,1,1-TRICHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2-TRICHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROPROPENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROPROPANE	2/6/2009	1	0.5	U	UG/L
			LB	MBLK1W	1,2,4-TRICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	2/6/2009	5	0.5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B019										
	SW8260B	WATER	LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	2/6/2009	2	0.4	U	UG/L
			LB	MBLK1W	1,2-DICHLOROPROPANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROPROPANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,4-DICHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	2,2-DICHLOROPROPANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-BUTANONE (MEK)	2/6/2009	10	5	U	UG/L
			LB	MBLK1W	2-CHLOROTOLUENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-HEXANONE	2/6/2009	10	5	U	UG/L
			LB	MBLK1W	4-CHLOROTOLUENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	2/6/2009	10	5	U	UG/L
			LB	MBLK1W	ACETONE	2/6/2009	10	5	U	UG/L
			LB	MBLK1W	BENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOCHLOROMETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMODICHLOROMETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOFORM	2/6/2009	1	0.3	U	UG/L
			LB	MBLK1W	BROMOMETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CARBON TETRACHLORIDE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROFORM	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROMETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,2-DICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOCHLOROMETHANE	2/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B019										
	SW8260B	WATER	LB	MBLK1W	DIBROMOMETHANE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	DICHLORODIFLUOROMETHANE	2/6/2009	1	0.3	U	UG/L
			LB	MBLK1W	ETHYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	HEXACHLOROBUTADIENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	ISOPROPYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	M,P-XYLENE	2/6/2009	5	0.5	U	UG/L
			LB	MBLK1W	METHYL TERT BUTYL ETHER (M	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	METHYLENE CHLORIDE	2/6/2009	1	0.5	U	UG/L
			LB	MBLK1W	NAPHTHALENE	2/6/2009	5	0.5	U	UG/L
			LB	MBLK1W	N-BUTYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	N-PROPYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	O-XYLENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	SEC-BUTYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	STYRENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TERT-BUTYLBENZENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TETRACHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TOLUENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRICHLOROETHENE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	VINYL CHLORIDE	2/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	XYLENES, TOTAL	2/6/2009	2	0.5	U	UG/L
09B237										
	E300	SOIL	LB	MBLK1S	NITRATE	2/26/2009	1	0.5	U	MG/KG
			LB	MBLK1S	NITRITE	2/26/2009	1	0.5	U	MG/KG
	E350.2		LB	MBLK1S	AMMONIA (NH3-N)	3/3/2009	1	0.5	U	MG/KG
	E351.3		LB	MBLK1S	TKN	3/5/2009	1	0.5	U	MG/KG
	SW8260B		LB	MBLK2S	1,1,1-TRICHLOROETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1,1-TRICHLOROETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,1-TRICHLOROETHANE	2/25/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	WATER	LB	MBLK1W	1,1,1-TRICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,1,2,2-TETRACHLOROETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1,2,2-TETRACHLOROETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1,2,2-TETRACHLOROETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1,2-TRICHLOROETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1,2-TRICHLOROETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,2-TRICHLOROETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,2-TRICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,1-DICHLOROETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1-DICHLOROETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1-DICHLOROETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1-DICHLOROETHENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1-DICHLOROETHENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,1-DICHLOROETHENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROPROPENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1-DICHLOROPROPENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROPROPENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1-DICHLOROPROPENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,3-TRICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,2,3-TRICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,3-TRICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2,3-TRICHLOROBENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,3-TRICHLOROPROPANE	2/26/2009	1	0.5	U	UG/L
		SOIL	LB	MBLK3S	1,2,3-TRICHLOROPROPANE	2/26/2009	10	2	U	UG/KG
			LB	MBLK1S	1,2,3-TRICHLOROPROPANE	2/25/2009	10	2	U	UG/KG
			LB	MBLK2S	1,2,3-TRICHLOROPROPANE	2/25/2009	10	2	U	UG/KG
			LB	MBLK3S	1,2,4-TRICHLOROBENZENE	2/26/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	WATER	LB	MBLK1W	1,2,4-TRICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,2,4-TRICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,4-TRICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2,4-TRIMETHYLBENZENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,4-TRIMETHYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,4-TRIMETHYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DIBROMO-3-CHLOROPROPA	2/25/2009	10	2	U	UG/KG
			LB	MBLK3S	1,2-DIBROMO-3-CHLOROPROPA	2/26/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	2/26/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK1S	1,2-DIBROMO-3-CHLOROPROPA	2/25/2009	10	2	U	UG/KG
			LB	MBLK3S	1,2-DIBROMOETHANE (EDB)	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DIBROMOETHANE (EDB)	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DIBROMOETHANE (EDB)	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	2/26/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2-DICHLOROBENZENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2-DICHLOROETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROETHENE (TOTAL)	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROETHENE (TOTAL)	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROETHENE (TOTAL)	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	2/26/2009	2	0.4	U	UG/L
		SOIL	LB	MBLK1S	1,2-DICHLOROPROPANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROPROPANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROPROPANE	2/26/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	WATER	LB	MBLK1W	1,2-DICHLOROPROPANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,3,5-TRIMETHYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,3,5-TRIMETHYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,3,5-TRIMETHYLBENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,3-DICHLOROBENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3-DICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,3-DICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,3-DICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3-DICHLOROPROPANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,3-DICHLOROPROPANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,3-DICHLOROPROPANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3-DICHLOROPROPANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	1,4-DICHLOROBENZENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	1,4-DICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	1,4-DICHLOROBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,4-DICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	2,2-DICHLOROPROPANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	2,2-DICHLOROPROPANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	2,2-DICHLOROPROPANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	2,2-DICHLOROPROPANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	2-BUTANONE (MEK)	2/25/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-BUTANONE (MEK)	2/26/2009	10	5	U	UG/L
		SOIL	LB	MBLK3S	2-BUTANONE (MEK)	2/26/2009	10	5	U	UG/KG
			LB	MBLK2S	2-BUTANONE (MEK)	2/25/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-CHLOROTOLUENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	2-CHLOROTOLUENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	2-CHLOROTOLUENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	2-CHLOROTOLUENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	2-HEXANONE	2/25/2009	10	5	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	SOIL	LB	MBLK3S	2-HEXANONE	2/26/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-HEXANONE	2/26/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	2-HEXANONE	2/25/2009	10	5	U	UG/KG
			LB	MBLK2S	4-CHLOROTOLUENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	4-CHLOROTOLUENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	4-CHLOROTOLUENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	4-CHLOROTOLUENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	4-METHYL-2-PENTANONE (MIBK)	2/25/2009	10	5	U	UG/KG
			LB	MBLK3S	4-METHYL-2-PENTANONE (MIBK)	2/26/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	2/26/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	4-METHYL-2-PENTANONE (MIBK)	2/25/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	ACETONE	2/26/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	ACETONE	2/25/2009	20	5	U	UG/KG
			LB	MBLK3S	ACETONE	2/26/2009	20	5	U	UG/KG
			LB	MBLK2S	ACETONE	2/25/2009	20	5	U	UG/KG
			LB	MBLK1S	BENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	BENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	BENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	BROMOBENZENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	BROMOBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOCHLOROMETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOCHLOROMETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	BROMOCHLOROMETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	BROMOCHLOROMETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK3S	BROMODICHLOROMETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMODICHLOROMETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMODICHLOROMETHANE	2/26/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	SOIL	LB	MBLK1S	BROMODICHLOROMETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOFORM	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOFORM	2/26/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK3S	BROMOFORM	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOFORM	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	BROMOMETHANE	2/26/2009	10	2	U	UG/KG
			LB	MBLK2S	BROMOMETHANE	2/25/2009	10	2	U	UG/KG
			LB	MBLK1S	BROMOMETHANE	2/25/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOMETHANE	2/26/2009	1	0.2	U	UG/L
			LB	MBLK1W	CARBON TETRACHLORIDE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	CARBON TETRACHLORIDE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	CARBON TETRACHLORIDE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	CARBON TETRACHLORIDE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	CHLOROBENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CHLOROETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	CHLOROETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CHLOROFORM	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	CHLOROFORM	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROFORM	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CHLOROFORM	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROMETHANE	2/25/2009	10	2	U	UG/KG
			LB	MBLK3S	CHLOROMETHANE	2/26/2009	10	2	U	UG/KG
			LB	MBLK1S	CHLOROMETHANE	2/25/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROMETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CIS-1,2-DICHLOROETHENE	2/25/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	SOIL	LB	MBLK3S	CIS-1,2-DICHLOROETHENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	CIS-1,2-DICHLOROETHENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CIS-1,2-DICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CIS-1,3-DICHLOROPROPENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	CIS-1,3-DICHLOROPROPENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	CIS-1,3-DICHLOROPROPENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK3S	DIBROMOCHLOROMETHANE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DIBROMOCHLOROMETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	DIBROMOCHLOROMETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	DIBROMOCHLOROMETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DIBROMOMETHANE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	DIBROMOMETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	DIBROMOMETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	DIBROMOMETHANE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DICHLORODIFLUOROMETHANE	2/26/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK1S	DICHLORODIFLUOROMETHANE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	DICHLORODIFLUOROMETHANE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	DICHLORODIFLUOROMETHANE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	ETHYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	ETHYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	ETHYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	ETHYLBENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	HEXACHLOROBUTADIENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	HEXACHLOROBUTADIENE	2/25/2009	10	2	U	UG/KG
			LB	MBLK2S	HEXACHLOROBUTADIENE	2/25/2009	10	2	U	UG/KG
			LB	MBLK3S	HEXACHLOROBUTADIENE	2/26/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	ISOPROPYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	ISOPROPYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	ISOPROPYLBENZENE	2/25/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	SOIL	LB	MBLK3S	ISOPROPYLBENZENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	M,P-XYLENE	2/25/2009	10	2	U	UG/KG
			LB	MBLK3S	M,P-XYLENE	2/26/2009	10	2	U	UG/KG
			LB	MBLK1S	M,P-XYLENE	2/25/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	M,P-XYLENE	2/26/2009	5	0.5	U	UG/L
			LB	MBLK1W	METHYL TERT BUTYL ETHER (M	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	METHYL TERT BUTYL ETHER (M	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	METHYL TERT BUTYL ETHER (M	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	METHYL TERT BUTYL ETHER (M	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	METHYLENE CHLORIDE	2/26/2009	0.61	0.5	J	UG/L
		SOIL	LB	MBLK1S	METHYLENE CHLORIDE	2/25/2009	10	2	U	UG/KG
			LB	MBLK3S	METHYLENE CHLORIDE	2/26/2009	10	2	U	UG/KG
			LB	MBLK2S	METHYLENE CHLORIDE	2/25/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	NAPHTHALENE	2/26/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK2S	NAPHTHALENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	NAPHTHALENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	NAPHTHALENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	N-BUTYLBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-BUTYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	N-BUTYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	N-BUTYLBENZENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	N-PROPYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	N-PROPYLBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-PROPYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	N-PROPYLBENZENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK3S	O-XYLENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	O-XYLENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	O-XYLENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	O-XYLENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	SEC-BUTYLBENZENE	2/25/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	WATER	LB	MBLK1W	SEC-BUTYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	SEC-BUTYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	SEC-BUTYLBENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	STYRENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	STYRENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	STYRENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	STYRENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	TERT-BUTYLBENZENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	TERT-BUTYLBENZENE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TERT-BUTYLBENZENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TERT-BUTYLBENZENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TETRACHLOROETHENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	TETRACHLOROETHENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	TETRACHLOROETHENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	TETRACHLOROETHENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TOLUENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TOLUENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	TOLUENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	TOLUENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	TRANS-1,2-DICHLOROETHENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	TRANS-1,2-DICHLOROETHENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	TRANS-1,2-DICHLOROETHENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	TRANS-1,3-DICHLOROPROPENE	2/25/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	TRANS-1,3-DICHLOROPROPENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK2S	TRANS-1,3-DICHLOROPROPENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK2S	TRICHLOROETHENE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	TRICHLOROETHENE	2/26/2009	5	2	U	UG/KG
			LB	MBLK1S	TRICHLOROETHENE	2/25/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	WATER	LB	MBLK1W	TRICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	VINYL CHLORIDE	2/25/2009	5	2	U	UG/KG
			LB	MBLK3S	VINYL CHLORIDE	2/26/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	VINYL CHLORIDE	2/26/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	VINYL CHLORIDE	2/25/2009	5	2	U	UG/KG
			LB	MBLK1S	XYLENE (TOTAL)	2/25/2009	15	2	U	UG/KG
			LB	MBLK3S	XYLENE (TOTAL)	2/26/2009	15	2	U	UG/KG
			LB	MBLK2S	XYLENE (TOTAL)	2/25/2009	15	2	U	UG/KG
		WATER	LB	MBLK1W	XYLENES, TOTAL	2/26/2009	2	0.5	U	UG/L
			TB	WP26-SO-2626-TB	1,1,1-TRICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,1,2,2-TETRACHLOROETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,1,2-TRICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,1-DICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,1-DICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,1-DICHLOROPROPENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,2,3-TRICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,2,3-TRICHLOROPROPANE	2/26/2009	1	0.5	U	UG/L
			TB	WP26-SO-2626-TB	1,2,4-TRICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,2,4-TRIMETHYLBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,2-DIBROMO-3-CHLOROPROPA	2/26/2009	5	0.5	U	UG/L
			TB	WP26-SO-2626-TB	1,2-DIBROMOETHANE (EDB)	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,2-DICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,2-DICHLOROETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,2-DICHLOROETHENE (TOTAL)	2/26/2009	2	0.4	U	UG/L
			TB	WP26-SO-2626-TB	1,2-DICHLOROPROPANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,3,5-TRIMETHYLBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,3-DICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,3-DICHLOROPROPANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	1,4-DICHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	2,2-DICHLOROPROPANE	2/26/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	WATER	TB	WP26-SO-2626-TB	2-BUTANONE (MEK)	2/26/2009	10	5	U	UG/L
			TB	WP26-SO-2626-TB	2-CHLOROTOLUENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	2-HEXANONE	2/26/2009	10	5	U	UG/L
			TB	WP26-SO-2626-TB	4-CHLOROTOLUENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	4-METHYL-2-PENTANONE (MIBK)	2/26/2009	10	5	U	UG/L
			TB	WP26-SO-2626-TB	ACETONE	2/26/2009	10	5	U	UG/L
			TB	WP26-SO-2626-TB	BENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	BROMOBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	BROMOCHLOROMETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	BROMODICHLOROMETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	BROMOFORM	2/26/2009	1	0.3	U	UG/L
			TB	WP26-SO-2626-TB	BROMOMETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	CARBON TETRACHLORIDE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	CHLOROBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	CHLOROETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	CHLOROFORM	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	CHLOROMETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	CIS-1,2-DICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	CIS-1,3-DICHLOROPROPENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	DIBROMOCHLOROMETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	DIBROMOMETHANE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	DICHLORODIFLUOROMETHANE	2/26/2009	1	0.3	U	UG/L
			TB	WP26-SO-2626-TB	ETHYLBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	HEXACHLOROBUTADIENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	ISOPROPYLBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	M,P-XYLENE	2/26/2009	5	0.5	U	UG/L
			TB	WP26-SO-2626-TB	METHYL TERT BUTYL ETHER (M	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	METHYLENE CHLORIDE	2/26/2009	1	0.5	U	UG/L
			TB	WP26-SO-2626-TB	NAPHTHALENE	2/26/2009	5	0.5	U	UG/L
			TB	WP26-SO-2626-TB	N-BUTYLBENZENE	2/26/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B237										
	SW8260B	WATER	TB	WP26-SO-2626-TB	N-PROPYLBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	O-XYLENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	SEC-BUTYLBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	STYRENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	TERT-BUTYLBENZENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	TETRACHLOROETHENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	TOLUENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	TRANS-1,2-DICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	TRANS-1,3-DICHLOROPROPENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	TRICHLOROETHENE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	VINYL CHLORIDE	2/26/2009	1	0.2	U	UG/L
			TB	WP26-SO-2626-TB	XYLENES, TOTAL	2/26/2009	2	0.5	U	UG/L
09B285										
	E300	WATER	EB	WP26-SO-2626-EB	NITRATE	2/26/2009	1	0.05	U	MG/L
			EB	WP26-SO-2626-EB	NITRITE	2/26/2009	0.1	0.05	U	MG/L
			LB	MBLK1W	NITRATE	2/26/2009	1	0.05	U	MG/L
			LB	MBLK1W	NITRITE	2/26/2009	0.1	0.05	U	MG/L
	E350.2		EB	WP26-SO-2626-EB	AMMONIA (NH3-N)	3/6/2009	0.0562	0.05	J	MG/L
			LB	MBLK1W	AMMONIA (NH3-N)	3/6/2009	0.1	0.05	U	MG/L
	E351.3		EB	WP26-SO-2626-EB	TKN	3/6/2009	0.0754	0.05	J	MG/L
			LB	MBLK1W	TKN	3/6/2009	0.1	0.05	U	MG/L
	SW8260B		EB	WP26-SO-2626-EB	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
			EB	WP26-SO-2626-EB	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B285										
	SW8260B	WATER	EB	WP26-SO-2626-EB	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
			EB	WP26-SO-2626-EB	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
			EB	WP26-SO-2626-EB	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2626-EB	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	2-HEXANONE	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2626-EB	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2626-EB	ACETONE	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2626-EB	BENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	BROMODICHLOROMETHANE	3/6/2009	0.56	0.2	J	UG/L
			EB	WP26-SO-2626-EB	BROMOFORM	3/6/2009	1	0.3	U	UG/L
			EB	WP26-SO-2626-EB	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	CHLOROFORM	3/6/2009	0.68	0.2	J	UG/L
			EB	WP26-SO-2626-EB	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B285										
	SW8260B	WATER	EB	WP26-SO-2626-EB	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	DIBROMOCHLOROMETHANE	3/6/2009	0.45	0.2	J	UG/L
			EB	WP26-SO-2626-EB	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
			EB	WP26-SO-2626-EB	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
			EB	WP26-SO-2626-EB	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
			EB	WP26-SO-2626-EB	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
			EB	WP26-SO-2626-EB	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	O-XYLENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	STYRENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	TOLUENE	3/6/2009	0.41	0.2	J	UG/L
			EB	WP26-SO-2626-EB	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2626-EB	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
			LB	MBLK1W	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B285										
	SW8260B	WATER	LB	MBLK1W	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
			LB	MBLK1W	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
			LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
			LB	MBLK1W	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
			LB	MBLK1W	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-HEXANONE	3/6/2009	10	5	U	UG/L
			LB	MBLK1W	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
			LB	MBLK1W	ACETONE	3/6/2009	10	5	U	UG/L
			LB	MBLK1W	BENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOFORM	3/6/2009	1	0.3	U	UG/L
			LB	MBLK1W	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B285										
	SW8260B	WATER	LB	MBLK1W	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
			LB	MBLK1W	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
			LB	MBLK1W	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
			LB	MBLK1W	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
			LB	MBLK1W	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	O-XYLENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	STYRENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TOLUENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
09B318										
	E300	SOIL	LB	MBLK1S	NITRATE	3/3/2009	1	0.5	U	MG/KG
			LB	MBLK1S	NITRITE	3/3/2009	1	0.5	U	MG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	E350.2	SOIL	LB	MBLK1S	AMMONIA (NH3-N)	3/13/2009	1	0.5	U	MG/KG
	E351.3		LB	MBLK1S	TKN	3/13/2009	1	0.5	U	MG/KG
	SW8260B		LB	MBLK2S	1,1,1-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,1,1-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1,2,2-TETRACHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,2,2-TETRACHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1,2-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,2-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,1-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,3-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,3-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,2,3-TRICHLOROPROPANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
		SOIL	LB	MBLK1S	1,2,3-TRICHLOROPROPANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,2,4-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,4-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,4-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	SOIL	LB	MBLK1S	1,2,4-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,2-DIBROMO-3-CHLOROPROPA	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK1S	1,2-DIBROMO-3-CHLOROPROPA	3/9/2009	10	2	U	UG/KG
			LB	MBLK2S	1,2-DIBROMOETHANE (EDB)	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2-DIBROMOETHANE (EDB)	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2-DICHLOROETHENE (TOTAL)	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
		SOIL	LB	MBLK2S	1,2-DICHLOROETHENE (TOTAL)	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,3,5-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3,5-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,3-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,3-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,3-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,4-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	SOIL	LB	MBLK1S	1,4-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	2,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	2,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	2-BUTANONE (MEK)	3/9/2009	10	5	U	UG/KG
			LB	MBLK1S	2-BUTANONE (MEK)	3/9/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
			LB	MBLK1W	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	2-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	2-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	2-HEXANONE	3/9/2009	10	5	U	UG/KG
			LB	MBLK2S	2-HEXANONE	3/9/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-HEXANONE	3/6/2009	10	5	U	UG/L
			LB	MBLK1W	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	4-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	4-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	4-METHYL-2-PENTANONE (MIBK)	3/9/2009	10	5	U	UG/KG
			LB	MBLK2S	4-METHYL-2-PENTANONE (MIBK)	3/9/2009	10	5	U	UG/KG
			LB	MBLK2S	ACETONE	3/9/2009	20	5	U	UG/KG
			LB	MBLK1S	ACETONE	3/9/2009	20	5	U	UG/KG
		WATER	LB	MBLK1W	ACETONE	3/6/2009	10	5	U	UG/L
			LB	MBLK1W	BENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	BENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	BENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	BROMOBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	SOIL	LB	MBLK1S	BROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMODICHLOROMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	BROMODICHLOROMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOFORM	3/6/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK2S	BROMOFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOMETHANE	3/9/2009	10	2	U	UG/KG
			LB	MBLK2S	BROMOMETHANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CARBON TETRACHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	CARBON TETRACHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CHLOROFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROFORM	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CHLOROMETHANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CHLOROMETHANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CIS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	CIS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	CIS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	WATER	LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CIS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	DIBROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	DIBROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	DIBROMOMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	DIBROMOMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK2S	DICHLORODIFLUOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	DICHLORODIFLUOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	ETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	ETHYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	HEXACHLOROBUTADIENE	3/9/2009	10	2	U	UG/KG
			LB	MBLK2S	HEXACHLOROBUTADIENE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	ISOPROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	ISOPROPYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	M,P-XYLENE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK1S	M,P-XYLENE	3/9/2009	10	2	U	UG/KG
			LB	MBLK2S	METHYL TERT BUTYL ETHER (M	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	METHYL TERT BUTYL ETHER (M	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
		SOIL	LB	MBLK1S	METHYLENE CHLORIDE	3/9/2009	10	2	U	UG/KG
			LB	MBLK2S	METHYLENE CHLORIDE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	SOIL	LB	MBLK2S	NAPHTHALENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	NAPHTHALENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	N-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	N-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	N-PROPYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	N-PROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	O-XYLENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	O-XYLENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	O-XYLENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	SEC-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	SEC-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	STYRENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	STYRENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	STYRENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TERT-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TERT-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TETRACHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TETRACHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TOLUENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TRANS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	TRANS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TRANS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	WATER	LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	TRANS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TRICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TRICHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	VINYL CHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	VINYL CHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	XYLENE (TOTAL)	3/9/2009	15	2	U	UG/KG
			LB	MBLK1S	XYLENE (TOTAL)	3/9/2009	15	2	U	UG/KG
		WATER	LB	MBLK1W	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
			TB	WP26-SO-2625-TB1	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
			TB	WP26-SO-2625-TB1	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2625-TB1	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
			TB	WP26-SO-2625-TB1	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	WATER	TB	WP26-SO-2625-TB1	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB1	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	2-HEXANONE	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB1	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB1	ACETONE	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB1	BENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	BROMOFORM	3/6/2009	1	0.3	U	UG/L
			TB	WP26-SO-2625-TB1	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
			TB	WP26-SO-2625-TB1	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2625-TB1	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B318										
	SW8260B	WATER	TB	WP26-SO-2625-TB1	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2625-TB1	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	O-XYLENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	STYRENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	TOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB1	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
09B319										
	E300	SOIL	LB	MBLK1S	NITRATE	3/3/2009	1	0.5	U	MG/KG
			LB	MBLK1S	NITRITE	3/3/2009	1	0.5	U	MG/KG
	E350.2		LB	MBLK1S	AMMONIA (NH3-N)	3/13/2009	1	0.5	U	MG/KG
	E351.3		LB	MBLK1S	TKN	3/13/2009	1	0.5	U	MG/KG
	SW8260B		LB	MBLK2S	1,1,1-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,1-TRICHLOROETHANE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,1,1-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,2,2-TETRACHLOROETHANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1,2,2-TETRACHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,1,2,2-TETRACHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,2-TRICHLOROETHANE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,1,2-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	SOIL	LB	MBLK2S	1,1,2-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROETHANE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,1-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,1-DICHLOROETHENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROPROPENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,1-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,3-TRICHLOROBENZENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,3-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2,3-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2,3-TRICHLOROPROPANE	3/5/2009	10	2	U	UG/KG
			LB	MBLK3S	1,2,3-TRICHLOROPROPANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
		SOIL	LB	MBLK2S	1,2,3-TRICHLOROPROPANE	3/9/2009	10	2	U	UG/KG
			LB	MBLK1S	1,2,4-TRICHLOROBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,2,4-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2,4-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,4-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2,4-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,4-TRIMETHYLBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2-DIBROMO-3-CHLOROPROPA	3/9/2009	10	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK2S	1,2-DIBROMO-3-CHLOROPROPA	3/9/2009	10	2	U	UG/KG
			LB	MBLK1S	1,2-DIBROMO-3-CHLOROPROPA	3/5/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2-DIBROMOETHANE (EDB)	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DIBROMOETHANE (EDB)	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DIBROMOETHANE (EDB)	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,2-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROETHANE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
		SOIL	LB	MBLK2S	1,2-DICHLOROETHENE (TOTAL)	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROETHENE (TOTAL)	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROETHENE (TOTAL)	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2-DICHLOROPROPANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,3,5-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,3,5-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3,5-TRIMETHYLBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,3-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,3-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3-DICHLOROBENZENE	3/5/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	LB	MBLK1W	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,3-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,3-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3-DICHLOROPROPANE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,4-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	1,4-DICHLOROBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,4-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	2,2-DICHLOROPROPANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	2,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	2,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	2-BUTANONE (MEK)	3/9/2009	10	5	U	UG/KG
			LB	MBLK3S	2-BUTANONE (MEK)	3/9/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	2-BUTANONE (MEK)	3/5/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	2-CHLOROTOLUENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	2-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	2-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	2-HEXANONE	3/9/2009	10	5	U	UG/KG
			LB	MBLK1S	2-HEXANONE	3/5/2009	10	5	U	UG/KG
			LB	MBLK3S	2-HEXANONE	3/9/2009	10	5	U	UG/KG
		WATER	LB	MBLK1W	2-HEXANONE	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	4-CHLOROTOLUENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	4-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	4-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	4-METHYL-2-PENTANONE (MIBK)	3/9/2009	10	5	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK3S	4-METHYL-2-PENTANONE (MIBK)	3/9/2009	10	5	U	UG/KG
			LB	MBLK1S	4-METHYL-2-PENTANONE (MIBK)	3/5/2009	10	5	U	UG/KG
			LB	MBLK2S	ACETONE	3/9/2009	20	5	U	UG/KG
		WATER	LB	MBLK1W	ACETONE	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	ACETONE	3/5/2009	20	5	U	UG/KG
			LB	MBLK3S	ACETONE	3/9/2009	20	5	U	UG/KG
			LB	MBLK3S	BENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	BENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	BENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	BROMOBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	BROMOBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	BROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOCHLOROMETHANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	BROMODICHLOROMETHANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMODICHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	BROMODICHLOROMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOFORM	3/6/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK1S	BROMOFORM	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	BROMOFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOMETHANE	3/9/2009	10	2	U	UG/KG
			LB	MBLK1S	BROMOMETHANE	3/5/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	SOIL	LB	MBLK3S	BROMOMETHANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CARBON TETRACHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	CARBON TETRACHLORIDE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	CARBON TETRACHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	CHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROBENZENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROETHANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	CHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CHLOROFORM	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	CHLOROFORM	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CHLOROMETHANE	3/9/2009	10	2	U	UG/KG
			LB	MBLK1S	CHLOROMETHANE	3/5/2009	10	2	U	UG/KG
			LB	MBLK3S	CHLOROMETHANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CIS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	CIS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	CIS-1,2-DICHLOROETHENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	CIS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CIS-1,3-DICHLOROPROPENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	CIS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	DIBROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	LB	MBLK1W	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	DIBROMOCHLOROMETHANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	DIBROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	DIBROMOMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	DIBROMOMETHANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	DIBROMOMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	DICHLORODIFLUOROMETHANE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	DICHLORODIFLUOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	DICHLORODIFLUOROMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK3S	ETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	ETHYLBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	ETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	HEXACHLOROBUTADIENE	3/5/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	HEXACHLOROBUTADIENE	3/9/2009	10	2	U	UG/KG
			LB	MBLK3S	HEXACHLOROBUTADIENE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	ISOPROPYLBENZENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	ISOPROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	ISOPROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	M,P-XYLENE	3/9/2009	10	2	U	UG/KG
			LB	MBLK3S	M,P-XYLENE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK1S	M,P-XYLENE	3/5/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	METHYL TERT BUTYL ETHER (M	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	METHYL TERT BUTYL ETHER (M	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	SOIL	LB	MBLK1S	METHYL TERT BUTYL ETHER (M	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
		SOIL	LB	MBLK3S	METHYLENE CHLORIDE	3/9/2009	10	2	U	UG/KG
			LB	MBLK2S	METHYLENE CHLORIDE	3/9/2009	10	2	U	UG/KG
			LB	MBLK1S	METHYLENE CHLORIDE	3/5/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK3S	NAPHTHALENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	NAPHTHALENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	NAPHTHALENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	N-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	N-BUTYLBENZENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	N-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	N-PROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	N-PROPYLBENZENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	N-PROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	O-XYLENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	O-XYLENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	O-XYLENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	O-XYLENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	SEC-BUTYLBENZENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	SEC-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	SEC-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	STYRENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	STYRENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	STYRENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	STYRENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	TERT-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	LB	MBLK1W	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	TERT-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	TERT-BUTYLBENZENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	TETRACHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TETRACHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TETRACHLOROETHENE	3/5/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	TOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	TOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	TOLUENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK1S	TRANS-1,2-DICHLOROETHENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	TRANS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	TRANS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	TRANS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TRANS-1,3-DICHLOROPROPENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	TRANS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	TRICHLOROETHENE	3/5/2009	5	2	U	UG/KG
			LB	MBLK3S	TRICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TRICHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	VINYL CHLORIDE	3/5/2009	5	2	U	UG/KG
			LB	MBLK2S	VINYL CHLORIDE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	VINYL CHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	XYLENE (TOTAL)	3/5/2009	15	2	U	UG/KG
			LB	MBLK2S	XYLENE (TOTAL)	3/9/2009	15	2	U	UG/KG
			LB	MBLK3S	XYLENE (TOTAL)	3/9/2009	15	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	LB	MBLK1W	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
			TB	WP26-SO-2625-TB	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
			TB	WP26-SO-2625-TB	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2625-TB	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
			TB	WP26-SO-2625-TB	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	2-HEXANONE	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB	ACETONE	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2625-TB	BENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	TB	WP26-SO-2625-TB	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	BROMOFORM	3/6/2009	1	0.3	U	UG/L
			TB	WP26-SO-2625-TB	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
			TB	WP26-SO-2625-TB	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2625-TB	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
			TB	WP26-SO-2625-TB	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2625-TB	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	O-XYLENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	STYRENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	TOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09B319										
	SW8260B	WATER	TB	WP26-SO-2625-TB	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2625-TB	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
09C012										
	E300	WATER	EB	WP26-SO-2625-EB	NITRATE	3/3/2009	1	0.05	U	MG/L
			EB	WP26-SO-2625-EB	NITRITE	3/3/2009	0.1	0.05	U	MG/L
			LB	MBLK1W	NITRATE	3/3/2009	1	0.05	U	MG/L
		SOIL	LB	MBLK1S	NITRATE	3/3/2009	1	0.5	U	MG/KG
			LB	MBLK1S	NITRITE	3/3/2009	1	0.5	U	MG/KG
		WATER	LB	MBLK1W	NITRITE	3/3/2009	0.1	0.05	U	MG/L
	E350.2		LB	MBLK1W	AMMONIA (NH3-N)	3/6/2009	0.1	0.05	U	MG/L
		SOIL	LB	MBLK1S	AMMONIA (NH3-N)	3/13/2009	1	0.5	U	MG/KG
	E351.3	WATER	LB	MBLK1W	TKN	3/6/2009	0.1	0.05	U	MG/L
		SOIL	LB	MBLK1S	TKN	3/13/2009	1	0.5	U	MG/KG
	SW8260B	WATER	EB	WP26-SO-2625-EB	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
			EB	WP26-SO-2625-EB	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
			EB	WP26-SO-2625-EB	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	WATER	EB	WP26-SO-2625-EB	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2625-EB	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	2-HEXANONE	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2625-EB	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2625-EB	ACETONE	3/6/2009	10	5	U	UG/L
			EB	WP26-SO-2625-EB	BENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	BROMOFORM	3/6/2009	1	0.3	U	UG/L
			EB	WP26-SO-2625-EB	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
			EB	WP26-SO-2625-EB	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	WATER	EB	WP26-SO-2625-EB	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
			EB	WP26-SO-2625-EB	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
			EB	WP26-SO-2625-EB	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
			EB	WP26-SO-2625-EB	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	O-XYLENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	STYRENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	TOLUENE	3/6/2009	0.31	0.2	J	UG/L
			EB	WP26-SO-2625-EB	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
			EB	WP26-SO-2625-EB	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
		SOIL	LB	MBLK3S	1,1,1-TRICHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1,1-TRICHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,1-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,1,2,2-TETRACHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1,2,2-TETRACHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1,2,2-TETRACHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1,2-TRICHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1,2-TRICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1,2-TRICHLOROETHANE	3/10/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	SOIL	LB	MBLK3S	1,1-DICHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1-DICHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,1-DICHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1-DICHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,1-DICHLOROPROPENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	1,1-DICHLOROPROPENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,1-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2,3-TRICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,3-TRICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2,3-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2,3-TRICHLOROPROPANE	3/10/2009	10	2	U	UG/KG
			LB	MBLK1S	1,2,3-TRICHLOROPROPANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
		SOIL	LB	MBLK2S	1,2,3-TRICHLOROPROPANE	3/10/2009	10	2	U	UG/KG
			LB	MBLK1S	1,2,4-TRICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,4-TRICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2,4-TRICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2,4-TRIMETHYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2,4-TRIMETHYLBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2,4-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DIBROMO-3-CHLOROPROPA	3/10/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	SOIL	LB	MBLK3S	1,2-DIBROMO-3-CHLOROPROPA	3/10/2009	10	2	U	UG/KG
			LB	MBLK1S	1,2-DIBROMO-3-CHLOROPROPA	3/9/2009	10	2	U	UG/KG
			LB	MBLK3S	1,2-DIBROMOETHANE (EDB)	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DIBROMOETHANE (EDB)	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DIBROMOETHANE (EDB)	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,2-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,2-DICHLOROETHENE (TOTAL)	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROETHENE (TOTAL)	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
		SOIL	LB	MBLK2S	1,2-DICHLOROETHENE (TOTAL)	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,2-DICHLOROPROPANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	1,2-DICHLOROPROPANE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,3,5-TRIMETHYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,3,5-TRIMETHYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3,5-TRIMETHYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,3-DICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	1,3-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	1,3-DICHLOROBENZENE	3/10/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	SOIL	LB	MBLK2S	1,3-DICHLOROPROPANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,3-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	1,3-DICHLOROPROPANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	1,4-DICHLOROBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	1,4-DICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	1,4-DICHLOROBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	2,2-DICHLOROPROPANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	2,2-DICHLOROPROPANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	2,2-DICHLOROPROPANE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK1S	2-BUTANONE (MEK)	3/9/2009	10	5	U	UG/KG
			LB	MBLK2S	2-BUTANONE (MEK)	3/10/2009	10	5	U	UG/KG
			LB	MBLK3S	2-BUTANONE (MEK)	3/10/2009	10	5	U	UG/KG
			LB	MBLK1S	2-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	2-CHLOROTOLUENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	2-CHLOROTOLUENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-HEXANONE	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK3S	2-HEXANONE	3/10/2009	10	5	U	UG/KG
			LB	MBLK1S	2-HEXANONE	3/9/2009	10	5	U	UG/KG
			LB	MBLK2S	2-HEXANONE	3/10/2009	10	5	U	UG/KG
			LB	MBLK3S	4-CHLOROTOLUENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	4-CHLOROTOLUENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	4-CHLOROTOLUENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	4-METHYL-2-PENTANONE (MIBK)	3/10/2009	10	5	U	UG/KG
			LB	MBLK1S	4-METHYL-2-PENTANONE (MIBK)	3/9/2009	10	5	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	WATER	LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK2S	4-METHYL-2-PENTANONE (MIBK)	3/10/2009	10	5	U	UG/KG
			LB	MBLK1S	ACETONE	3/9/2009	20	5	U	UG/KG
			LB	MBLK3S	ACETONE	3/10/2009	20	5	U	UG/KG
		WATER	LB	MBLK1W	ACETONE	3/6/2009	10	5	U	UG/L
		SOIL	LB	MBLK2S	ACETONE	3/10/2009	20	5	U	UG/KG
			LB	MBLK2S	BENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	BENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	BENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	BROMOBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	BROMOBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	BROMOCHLOROMETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOCHLOROMETHANE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	BROMODICHLOROMETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMODICHLOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMODICHLOROMETHANE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	BROMOFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	BROMOFORM	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOFORM	3/6/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK3S	BROMOFORM	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	BROMOMETHANE	3/9/2009	10	2	U	UG/KG
			LB	MBLK3S	BROMOMETHANE	3/10/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	BROMOMETHANE	3/10/2009	10	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	SOIL	LB	MBLK3S	CARBON TETRACHLORIDE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CARBON TETRACHLORIDE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	CARBON TETRACHLORIDE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	CHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROETHANE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CHLOROETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	CHLOROETHANE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	CHLOROFORM	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROFORM	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	CHLOROFORM	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	CHLOROMETHANE	3/10/2009	10	2	U	UG/KG
			LB	MBLK3S	CHLOROMETHANE	3/10/2009	10	2	U	UG/KG
			LB	MBLK1S	CHLOROMETHANE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CIS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	CIS-1,2-DICHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	CIS-1,2-DICHLOROETHENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	CIS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	CIS-1,3-DICHLOROPROPENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	CIS-1,3-DICHLOROPROPENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	DIBROMOCHLOROMETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	DIBROMOCHLOROMETHANE	3/10/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	SOIL	LB	MBLK1S	DIBROMOCHLOROMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	DIBROMOMETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	DIBROMOMETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	DIBROMOMETHANE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
		SOIL	LB	MBLK3S	DICHLORODIFLUOROMETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	DICHLORODIFLUOROMETHANE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	DICHLORODIFLUOROMETHANE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	ETHYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	ETHYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	ETHYLBENZENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	HEXACHLOROBUTADIENE	3/10/2009	10	2	U	UG/KG
			LB	MBLK1S	HEXACHLOROBUTADIENE	3/9/2009	10	2	U	UG/KG
			LB	MBLK2S	HEXACHLOROBUTADIENE	3/10/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
			LB	MBLK1W	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	ISOPROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	ISOPROPYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	ISOPROPYLBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK2S	M,P-XYLENE	3/10/2009	10	2	U	UG/KG
			LB	MBLK3S	M,P-XYLENE	3/10/2009	10	2	U	UG/KG
			LB	MBLK1S	M,P-XYLENE	3/9/2009	10	2	U	UG/KG
			LB	MBLK3S	METHYL TERT BUTYL ETHER (M	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	METHYL TERT BUTYL ETHER (M	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	METHYL TERT BUTYL ETHER (M	3/9/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	SOIL	LB	MBLK1S	METHYLENE CHLORIDE	3/9/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
		SOIL	LB	MBLK2S	METHYLENE CHLORIDE	3/10/2009	10	2	U	UG/KG
			LB	MBLK3S	METHYLENE CHLORIDE	3/10/2009	10	2	U	UG/KG
		WATER	LB	MBLK1W	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
		SOIL	LB	MBLK3S	NAPHTHALENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	NAPHTHALENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	NAPHTHALENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	N-BUTYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	N-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	N-BUTYLBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	N-PROPYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	N-PROPYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	N-PROPYLBENZENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	O-XYLENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	O-XYLENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	O-XYLENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	O-XYLENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	SEC-BUTYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	SEC-BUTYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	SEC-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	STYRENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	STYRENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	STYRENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	STYRENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TERT-BUTYLBENZENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	TERT-BUTYLBENZENE	3/10/2009	5	2	U	UG/KG

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	WATER	LB	MBLK1W	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TERT-BUTYLBENZENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TETRACHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	TETRACHLOROETHENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	TETRACHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	TOLUENE	3/9/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TOLUENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	TOLUENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	TOLUENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK2S	TRANS-1,2-DICHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	TRANS-1,2-DICHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	TRANS-1,2-DICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK1S	TRANS-1,3-DICHLOROPROPENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	TRANS-1,3-DICHLOROPROPENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	TRANS-1,3-DICHLOROPROPENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK3S	TRICHLOROETHENE	3/10/2009	5	2	U	UG/KG
			LB	MBLK2S	TRICHLOROETHENE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK1S	TRICHLOROETHENE	3/9/2009	5	2	U	UG/KG
			LB	MBLK2S	VINYL CHLORIDE	3/10/2009	5	2	U	UG/KG
		WATER	LB	MBLK1W	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
		SOIL	LB	MBLK3S	VINYL CHLORIDE	3/10/2009	5	2	U	UG/KG
			LB	MBLK1S	VINYL CHLORIDE	3/9/2009	5	2	U	UG/KG
			LB	MBLK3S	XYLENE (TOTAL)	3/10/2009	15	2	U	UG/KG
			LB	MBLK1S	XYLENE (TOTAL)	3/9/2009	15	2	U	UG/KG
			LB	MBLK2S	XYLENE (TOTAL)	3/10/2009	15	2	U	UG/KG
		WATER	LB	MBLK1W	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	WATER	TB	WP26-SO-2627-TB1	1,1,1-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,1,2,2-TETRACHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,1,2-TRICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,1-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,1-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,1-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,2,3-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,2,3-TRICHLOROPROPANE	3/6/2009	1	0.5	U	UG/L
			TB	WP26-SO-2627-TB1	1,2,4-TRICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,2,4-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,2-DIBROMO-3-CHLOROPROPA	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2627-TB1	1,2-DIBROMOETHANE (EDB)	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,2-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,2-DICHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,2-DICHLOROETHENE (TOTAL)	3/6/2009	2	0.4	U	UG/L
			TB	WP26-SO-2627-TB1	1,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,3,5-TRIMETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,3-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,3-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	1,4-DICHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	2,2-DICHLOROPROPANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	2-BUTANONE (MEK)	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2627-TB1	2-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	2-HEXANONE	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2627-TB1	4-CHLOROTOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	4-METHYL-2-PENTANONE (MIBK)	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2627-TB1	ACETONE	3/6/2009	10	5	U	UG/L
			TB	WP26-SO-2627-TB1	BENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	BROMOBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	BROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	WATER	TB	WP26-SO-2627-TB1	BROMODICHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	BROMOFORM	3/6/2009	1	0.3	U	UG/L
			TB	WP26-SO-2627-TB1	BROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	CARBON TETRACHLORIDE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	CHLOROBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	CHLOROETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	CHLOROFORM	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	CHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	CIS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	CIS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	DIBROMOCHLOROMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	DIBROMOMETHANE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	DICHLORODIFLUOROMETHANE	3/6/2009	1	0.3	U	UG/L
			TB	WP26-SO-2627-TB1	ETHYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	HEXACHLOROBUTADIENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	ISOPROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	M,P-XYLENE	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2627-TB1	METHYL TERT BUTYL ETHER (M	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	METHYLENE CHLORIDE	3/6/2009	1	0.5	U	UG/L
			TB	WP26-SO-2627-TB1	NAPHTHALENE	3/6/2009	5	0.5	U	UG/L
			TB	WP26-SO-2627-TB1	N-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	N-PROPYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	O-XYLENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	SEC-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	STYRENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	TERT-BUTYLBENZENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	TETRACHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	TOLUENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	TRANS-1,2-DICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	TRANS-1,3-DICHLOROPROPENE	3/6/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C012										
	SW8260B	WATER	TB	WP26-SO-2627-TB1	TRICHLOROETHENE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	VINYL CHLORIDE	3/6/2009	1	0.2	U	UG/L
			TB	WP26-SO-2627-TB1	XYLENES, TOTAL	3/6/2009	2	0.5	U	UG/L
09C085										
	E300	WATER	EB	WP26-SO-2627EB	NITRATE	3/6/2009	1	0.05	U	MG/L
			EB	WP26-SO-2627EB	NITRITE	3/6/2009	1	0.05	U	MG/L
			LB	MBLK1W	NITRATE	3/6/2009	1	0.05	U	MG/L
			LB	MBLK1W	NITRITE	3/6/2009	1	0.05	U	MG/L
	E350.2		EB	WP26-SO-2627EB	AMMONIA (NH3-N)	3/19/2009	0.0925	0.05	J	MG/L
			LB	MBLK1W	AMMONIA (NH3-N)	3/19/2009	0.1	0.05	U	MG/L
	E351.3		LB	MBLK1W	TKN	3/19/2009	0.1	0.05	U	MG/L
	SW8260B		EB	WP26-SO-2627EB	1,1,1,2-TETRACHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,1,1-TRICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,1,2,2-TETRACHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,1,2-TRICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,1-DICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,1-DICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,1-DICHLOROPROPENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,2,3-TRICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,2,3-TRICHLOROPROPANE	3/14/2009	1	0.5	U	UG/L
			EB	WP26-SO-2627EB	1,2,4-TRICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,2,4-TRIMETHYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,2-DIBROMO-3-CHLOROPROPA	3/14/2009	5	0.5	U	UG/L
			EB	WP26-SO-2627EB	1,2-DIBROMOETHANE (EDB)	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,2-DICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,2-DICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,2-DICHLOROETHENE (TOTAL)	3/14/2009	2	0.4	U	UG/L
			EB	WP26-SO-2627EB	1,2-DICHLOROPROPANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,3,5-TRIMETHYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,3-DICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C085										
	SW8260B	WATER	EB	WP26-SO-2627EB	1,3-DICHLOROPROPANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	1,4-DICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	2,2-DICHLOROPROPANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	2-BUTANONE (MEK)	3/14/2009	10	5	U	UG/L
			EB	WP26-SO-2627EB	2-CHLOROTOLUENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	2-HEXANONE	3/14/2009	10	0.2	U	UG/L
			EB	WP26-SO-2627EB	4-CHLOROTOLUENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	4-METHYL-2-PENTANONE (MIBK)	3/14/2009	10	5	U	UG/L
			EB	WP26-SO-2627EB	ACETONE	3/14/2009	10	5	U	UG/L
			EB	WP26-SO-2627EB	BENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	BROMOBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	BROMOCHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	BROMODICHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	BROMOFORM	3/14/2009	1	0.3	U	UG/L
			EB	WP26-SO-2627EB	BROMOMETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	CARBON DISULFIDE	3/14/2009	5	0.2	U	UG/L
			EB	WP26-SO-2627EB	CARBON TETRACHLORIDE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	CHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	CHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	CHLOROFORM	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	CHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	CIS-1,2-DICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	CIS-1,3-DICHLOROPROPENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	DIBROMOCHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	DIBROMOMETHANE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	DICHLORODIFLUOROMETHANE	3/14/2009	1	0.3	U	UG/L
			EB	WP26-SO-2627EB	ETHYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	HEXACHLOROBUTADIENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	ISOPROPYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	M,P-XYLENE	3/14/2009	5	0.5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C085										
	SW8260B	WATER	EB	WP26-SO-2627EB	METHYL TERT BUTYL ETHER (M	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	METHYLENE CHLORIDE	3/14/2009	1	0.5	U	UG/L
			EB	WP26-SO-2627EB	NAPHTHALENE	3/14/2009	5	0.5	U	UG/L
			EB	WP26-SO-2627EB	N-BUTYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	N-PROPYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	O-XYLENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	P-ISOPROPYLTOLUENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	SEC-BUTYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	STYRENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	TERT-BUTYLBENZENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	TETRACHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	TOLUENE	3/14/2009	0.34	0.2	J	UG/L
			EB	WP26-SO-2627EB	TRANS-1,2-DICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	TRANS-1,3-DICHLOROPROPENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	TRICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	TRICHLOROFLUOROMETHANE	3/14/2009	5	0.2	U	UG/L
			EB	WP26-SO-2627EB	VINYL CHLORIDE	3/14/2009	1	0.2	U	UG/L
			EB	WP26-SO-2627EB	XYLENE (TOTAL)	3/14/2009	5	0.5	U	UG/L
			LB	MBLK1W	1,1,1,2-TETRACHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,1-TRICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2-TRICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROPROPENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROPROPANE	3/14/2009	1	0.5	U	UG/L
			LB	MBLK1W	1,2,4-TRICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	3/14/2009	5	0.5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C085										
	SW8260B	WATER	LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	3/14/2009	2	0.4	U	UG/L
			LB	MBLK1W	1,2-DICHLOROPROPANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROPROPANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,4-DICHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	2,2-DICHLOROPROPANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-BUTANONE (MEK)	3/14/2009	10	5	U	UG/L
			LB	MBLK1W	2-CHLOROTOLUENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-HEXANONE	3/14/2009	10	0.2	U	UG/L
			LB	MBLK1W	4-CHLOROTOLUENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	3/14/2009	10	5	U	UG/L
			LB	MBLK1W	ACETONE	3/14/2009	10	5	U	UG/L
			LB	MBLK1W	BENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOCHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMODICHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOFORM	3/14/2009	1	0.3	U	UG/L
			LB	MBLK1W	BROMOMETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	CARBON DISULFIDE	3/14/2009	5	0.2	U	UG/L
			LB	MBLK1W	CARBON TETRACHLORIDE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROFORM	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,2-DICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	3/14/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09C085										
	SW8260B	WATER	LB	MBLK1W	DIBROMOCHLOROMETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOMETHANE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	DICHLORODIFLUOROMETHANE	3/14/2009	1	0.3	U	UG/L
			LB	MBLK1W	ETHYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	HEXACHLOROBUTADIENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	ISOPROPYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	M,P-XYLENE	3/14/2009	5	0.5	U	UG/L
			LB	MBLK1W	METHYL TERT BUTYL ETHER (M	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	METHYLENE CHLORIDE	3/14/2009	1	0.5	U	UG/L
			LB	MBLK1W	NAPHTHALENE	3/14/2009	5	0.5	U	UG/L
			LB	MBLK1W	N-BUTYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	N-PROPYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	O-XYLENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	P-ISOPROPYLTOLUENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	SEC-BUTYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	STYRENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	TERT-BUTYLBENZENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	TETRACHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	TOLUENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRICHLOROETHENE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRICHLOROFLUOROMETHANE	3/14/2009	5	0.2	U	UG/L
			LB	MBLK1W	VINYL CHLORIDE	3/14/2009	1	0.2	U	UG/L
			LB	MBLK1W	XYLENE (TOTAL)	3/14/2009	5	0.5	U	UG/L
09D233										
	E300	WATER	LB	MBLK1W	NITRATE	4/23/2009	1	0.05	U	MG/L
			LB	MBLK1W	NITRITE	4/23/2009	0.1	0.05	U	MG/L
	E350.2		LB	MBLK1W	AMMONIA (NH3-N)	5/4/2009	0.1	0.05	U	MG/L
	E351.3		LB	MBLK1W	TKN	5/5/2009	0.1	0.05	U	MG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09D233										
	SW8260B	WATER	LB	MBLK2W	1,1,1-TRICHLOROETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,1-TRICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,1,2,2-TETRACHLOROETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2,2-TETRACHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,1,2-TRICHLOROETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1,2-TRICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,1-DICHLOROETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,1-DICHLOROETHENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,1-DICHLOROPROPENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,1-DICHLOROPROPENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2,3-TRICHLOROBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2,3-TRICHLOROPROPANE	4/30/2009	1	0.5	U	UG/L
			LB	MBLK1W	1,2,3-TRICHLOROPROPANE	4/27/2009	1	0.5	U	UG/L
			LB	MBLK1W	1,2,4-TRICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2,4-TRICHLOROBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2,4-TRIMETHYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2,4-TRIMETHYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2-DIBROMO-3-CHLOROPROPA	4/30/2009	5	0.5	U	UG/L
			LB	MBLK1W	1,2-DIBROMO-3-CHLOROPROPA	4/27/2009	5	0.5	U	UG/L
			LB	MBLK1W	1,2-DIBROMOETHANE (EDB)	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2-DIBROMOETHANE (EDB)	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2-DICHLOROBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2-DICHLOROETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,2-DICHLOROETHENE (TOTAL)	4/30/2009	2	0.4	U	UG/L
			LB	MBLK1W	1,2-DICHLOROETHENE (TOTAL)	4/27/2009	2	0.4	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09D233										
	SW8260B	WATER	LB	MBLK2W	1,2-DICHLOROPROPANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,2-DICHLOROPROPANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3,5-TRIMETHYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,3,5-TRIMETHYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,3-DICHLOROBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,3-DICHLOROPROPANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,3-DICHLOROPROPANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	1,4-DICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	1,4-DICHLOROBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	2,2-DICHLOROPROPANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	2,2-DICHLOROPROPANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-BUTANONE (MEK)	4/27/2009	10	5	U	UG/L
			LB	MBLK2W	2-BUTANONE (MEK)	4/30/2009	10	5	U	UG/L
			LB	MBLK1W	2-CHLOROTOLUENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	2-CHLOROTOLUENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	2-HEXANONE	4/27/2009	10	5	U	UG/L
			LB	MBLK2W	2-HEXANONE	4/30/2009	10	5	U	UG/L
			LB	MBLK2W	4-CHLOROTOLUENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	4-CHLOROTOLUENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	4-METHYL-2-PENTANONE (MIBK)	4/27/2009	10	5	U	UG/L
			LB	MBLK2W	4-METHYL-2-PENTANONE (MIBK)	4/30/2009	10	5	U	UG/L
			LB	MBLK2W	ACETONE	4/30/2009	10	5	U	UG/L
			LB	MBLK1W	ACETONE	4/27/2009	10	5	U	UG/L
			LB	MBLK2W	BENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	BENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	BROMOBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOCHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	BROMOCHLOROMETHANE	4/30/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09D233										
	SW8260B	WATER	LB	MBLK2W	BROMODICHLOROMETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMODICHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	BROMOFORM	4/30/2009	1	0.3	U	UG/L
			LB	MBLK1W	BROMOFORM	4/27/2009	1	0.3	U	UG/L
			LB	MBLK2W	BROMOMETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	BROMOMETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	CARBON TETRACHLORIDE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	CARBON TETRACHLORIDE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	CHLOROBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	CHLOROETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROFORM	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	CHLOROFORM	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	CHLOROMETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	CHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	CIS-1,2-DICHLOROETHENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,2-DICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	CIS-1,3-DICHLOROPROPENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	CIS-1,3-DICHLOROPROPENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	DIBROMOCHLOROMETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOCHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	DIBROMOMETHANE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	DIBROMOMETHANE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	DICHLORODIFLUOROMETHANE	4/30/2009	1	0.3	U	UG/L
			LB	MBLK1W	DICHLORODIFLUOROMETHANE	4/27/2009	1	0.3	U	UG/L
			LB	MBLK2W	ETHYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	ETHYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	HEXACHLOROBUTADIENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	HEXACHLOROBUTADIENE	4/30/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09D233										
	SW8260B	WATER	LB	MBLK1W	ISOPROPYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	ISOPROPYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	M,P-XYLENE	4/30/2009	5	0.5	U	UG/L
			LB	MBLK1W	M,P-XYLENE	4/27/2009	5	0.5	U	UG/L
			LB	MBLK2W	METHYL TERT BUTYL ETHER (M	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	METHYL TERT BUTYL ETHER (M	4/27/2009	1	0.2	U	UG/L
			LB	MBLK1W	METHYLENE CHLORIDE	4/27/2009	1	0.5	U	UG/L
			LB	MBLK2W	METHYLENE CHLORIDE	4/30/2009	1	0.5	U	UG/L
			LB	MBLK2W	NAPHTHALENE	4/30/2009	5	0.5	U	UG/L
			LB	MBLK1W	NAPHTHALENE	4/27/2009	5	0.5	U	UG/L
			LB	MBLK2W	N-BUTYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	N-BUTYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	N-PROPYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	N-PROPYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	O-XYLENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	O-XYLENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	SEC-BUTYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	SEC-BUTYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	STYRENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	STYRENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	TERT-BUTYLBENZENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	TERT-BUTYLBENZENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	TETRACHLOROETHENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	TETRACHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	TOLUENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	TOLUENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	TRANS-1,2-DICHLOROETHENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,2-DICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	TRANS-1,3-DICHLOROPROPENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	TRANS-1,3-DICHLOROPROPENE	4/27/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09D233										
	SW8260B	WATER	LB	MBLK1W	TRICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	TRICHLOROETHENE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK1W	VINYL CHLORIDE	4/27/2009	1	0.2	U	UG/L
			LB	MBLK2W	VINYL CHLORIDE	4/30/2009	1	0.2	U	UG/L
			LB	MBLK2W	XYLENES, TOTAL	4/30/2009	2	0.5	U	UG/L
			LB	MBLK1W	XYLENES, TOTAL	4/27/2009	2	0.5	U	UG/L
			TB	WP26-TB-2625-220420091	1,1,1-TRICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,1,2,2-TETRACHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,1,2-TRICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,1-DICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,1-DICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,1-DICHLOROPROPENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,2,3-TRICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,2,3-TRICHLOROPROPANE	4/27/2009	1	0.5	U	UG/L
			TB	WP26-TB-2625-220420091	1,2,4-TRICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,2,4-TRIMETHYLBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,2-DIBROMO-3-CHLOROPROPA	4/27/2009	5	0.5	U	UG/L
			TB	WP26-TB-2625-220420091	1,2-DIBROMOETHANE (EDB)	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,2-DICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,2-DICHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,2-DICHLOROETHENE (TOTAL)	4/27/2009	2	0.4	U	UG/L
			TB	WP26-TB-2625-220420091	1,2-DICHLOROPROPANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,3,5-TRIMETHYLBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,3-DICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,3-DICHLOROPROPANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420091	1,4-DICHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420092	2,2-DICHLOROPROPANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420092	2-BUTANONE (MEK)	4/27/2009	10	5	U	UG/L
			TB	WP26-TB-2625-220420092	2-CHLOROTOLUENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-220420092	2-HEXANONE	4/27/2009	10	5	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09D233										
	SW8260B	WATER	TB	WP26-TB-2625-22042009	4-CHLOROTOLUENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	4-METHYL-2-PENTANONE (MIBK)	4/27/2009	10	5	U	UG/L
			TB	WP26-TB-2625-22042009	ACETONE	4/27/2009	10	5	U	UG/L
			TB	WP26-TB-2625-22042009	BENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	BROMOBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	BROMOCHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	BROMODICHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	BROMOFORM	4/27/2009	1	0.3	U	UG/L
			TB	WP26-TB-2625-22042009	BROMOMETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	CARBON TETRACHLORIDE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	CHLOROBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	CHLOROETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	CHLOROFORM	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	CHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	CIS-1,2-DICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	CIS-1,3-DICHLOROPROPENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	DIBROMOCHLOROMETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	DIBROMOMETHANE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	DICHLORODIFLUOROMETHANE	4/27/2009	1	0.3	U	UG/L
			TB	WP26-TB-2625-22042009	ETHYLBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	HEXACHLOROBUTADIENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	ISOPROPYLBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	M,P-XYLENE	4/27/2009	5	0.5	U	UG/L
			TB	WP26-TB-2625-22042009	METHYL TERT BUTYL ETHER (M	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	METHYLENE CHLORIDE	4/27/2009	1	0.5	U	UG/L
			TB	WP26-TB-2625-22042009	NAPHTHALENE	4/27/2009	5	0.5	U	UG/L
			TB	WP26-TB-2625-22042009	N-BUTYLBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	N-PROPYLBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	O-XYLENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	SEC-BUTYLBENZENE	4/27/2009	1	0.2	U	UG/L

Table E-6. Equipment, Trip, Ambient, Field, and Method Blank Data Summary for Solid Waste Management Unit WP-26 Soil Vapor, Soil, and Groundwater, January through April 2009

SDG	Method	Matrix	Blank Type*	Blank ID	Analyte	Analysis Date	Result	MDL	Flag	Units
09D233										
	SW8260B	WATER	TB	WP26-TB-2625-22042009	STYRENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	TERT-BUTYLBENZENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	TETRACHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	TOLUENE	4/27/2009	0.33	0.2	J	UG/L
			TB	WP26-TB-2625-22042009	TRANS-1,2-DICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	TRANS-1,3-DICHLOROPROPENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	TRICHLOROETHENE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	VINYL CHLORIDE	4/27/2009	1	0.2	U	UG/L
			TB	WP26-TB-2625-22042009	XYLENES, TOTAL	4/27/2009	2	0.5	U	UG/L
D9D230340										
	SW6860	WATER	LB	R9E120000394B	Perchlorate	5/15/2009	0.05	0.009	U	UG/L

*** Blank Type**

LB = Method Blank
EB = Equipment Blank
TB = Trip Blank
AB = Ambient Blank
FB = Field Blank

Qualifier Description
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit (MDL).
F = The analyte was positively identified but the associated numerical value is below the reporting limit (RL).
none = A flag is not applied. This placeholder is for calculating QC criteria issues without flagging.

Table E-7. Matrix Spike and Matrix Spike Duplicate Summary for Solid Waste Management Unit WP-26 Soil and Groundwater, January through April 2009

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
E300									
	WP26-GW-2625-2204200	WATER	09D233	MS	NITRATE	1	103	80	120
	WP26-GW-2625-2204200	WATER		MS	NITRITE	1	96	80	120
	WP26-GW-2625-2204200	WATER		SD	NITRATE	1	103	80	120
	WP26-GW-2625-2204200	WATER		SD	NITRITE	1	96	80	120
	WP26-SO-2625-0200MS	SOIL	09B319	MS	NITRATE	1	102	80	120
	WP26-SO-2625-0200MS	SOIL		MS	NITRITE	1	111	80	120
	WP26-SO-2625-0200MS	SOIL		SD	NITRATE	1	101	80	120
	WP26-SO-2625-0200MS	SOIL		SD	NITRITE	1	111	80	120
E350.2									
	WP26-GW-2625-2204200	WATER	09D233	MS	AMMONIA (NH3-N)	1	101	75	125
	WP26-GW-2625-2204200	WATER		SD	AMMONIA (NH3-N)	1	103	75	125
	WP26-SO-2625-0200MS	SOIL	09B319	MS	AMMONIA (NH3-N)	1	86	75	125
	WP26-SO-2625-0200MS	SOIL		SD	AMMONIA (NH3-N)	1	85	75	125
	WP26-SO-2626-100MS	SOIL	09B237	MS	AMMONIA (NH3-N)	1	91	75	125
E351.3									
	WP26-GW-2625-2204200	WATER	09D233	MS	TKN	1	101	75	125
	WP26-GW-2625-2204200	WATER		SD	TKN	1	95	75	125
	WP26-SO-2625-0200MS	SOIL	09B319	MS	TKN	5	110	75	125
	WP26-SO-2625-0200MS	SOIL		SD	TKN	5	118	75	125
	WP26-SO-2626-100MS	SOIL	09B237	MS	TKN	5	99	75	125
SW6860									
	WP26-GW-2625-2204200	WATER	D9D230340	MS	Perchlorate	10	104	80	120
	WP26-GW-2625-2204200	WATER		SD	Perchlorate	10	110	80	120
SW8260B									
	WP26-GW-2625-2204200	WATER	09D233	MS	1,1,1-Trichloroethane	1	105	73	128
	WP26-GW-2625-2204200	WATER		**MS**	**1,1,2,2-Tetrachloroethane**	1	**132**	**66**	**121**
	WP26-GW-2625-2204200	WATER		**MS**	**1,1,2-Trichloroethane**	1	**133**	**74**	**115**
	WP26-GW-2625-2204200	WATER		MS	1,1-Dichloroethane	1	128	78	131
	WP26-GW-2625-2204200	WATER		MS	1,1-Dichloroethene	1	109	66	132
	WP26-GW-2625-2204200	WATER		MS	1,1-Dichloropropene	1	105	78	128
	WP26-GW-2625-2204200	WATER		MS	1,2,3-Trichlorobenzene	1	108	74	122
	WP26-GW-2625-2204200	WATER		MS	1,2,3-Trichloropropane	1	118	73	122
	WP26-GW-2625-2204200	WATER		MS	1,2,4-Trichlorobenzene	1	106	77	121
	WP26-GW-2625-2204200	WATER		MS	1,2,4-Trimethylbenzene	1	95	79	120
	WP26-GW-2625-2204200	WATER		MS	1,2-Dibromo-3-chloropropane	1	113	63	121
	WP26-GW-2625-2204200	WATER		**MS**	**1,2-dibromoethane (EDB)**	1	**121**	**76**	**119**
	WP26-GW-2625-2204200	WATER		MS	1,2-Dichlorobenzene	1	108	77	117
	WP26-GW-2625-2204200	WATER		MS	1,2-Dichloroethane	1	105	69	133
	WP26-GW-2625-2204200	WATER		MS	1,2-Dichloroethane-d4	1	96	62	128
	WP26-GW-2625-2204200	WATER		**MS**	**1,2-Dichloropropane**	1	**129**	**72**	**119**
	WP26-GW-2625-2204200	WATER		MS	1,3,5-Trimethylbenzene	1	108	77	121
	WP26-GW-2625-2204200	WATER		MS	1,3-Dichlorobenzene	1	109	77	117

Table E-7. Matrix Spike and Matrix Spike Duplicate Summary for Solid Waste Management Unit WP-26 Soil and Groundwater, January through April 2009

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
WP26-GW-2625-2204200		WATER	09D233	**MS**	**1,3-Dichloropropane**	1	**126**	**74**	**120**
WP26-GW-2625-2204200		WATER		MS	1,4-Dichlorobenzene	1	107	77	117
WP26-GW-2625-2204200		WATER		MS	2,2-Dichloropropane	1	96	76	130
WP26-GW-2625-2204200		WATER		MS	2-Butanone	1	127	62	127
WP26-GW-2625-2204200		WATER		MS	2-Chlorotoluene	1	113	78	119
WP26-GW-2625-2204200		WATER		**MS**	**2-HEXANONE**	1	**131**	**62**	**125**
WP26-GW-2625-2204200		WATER		MS	4-Chlorotoluene	1	106	78	119
WP26-GW-2625-2204200		WATER		MS	4-METHYL-2-PENTANONE	1	116	64	128
WP26-GW-2625-2204200		WATER		MS	ACETONE	1	109	51	143
WP26-GW-2625-2204200		WATER		MS	Benzene	1	112	75	120
WP26-GW-2625-2204200		WATER		MS	Bromobenzene	1	110	78	118
WP26-GW-2625-2204200		WATER		**MS**	**Bromochloromethane**	1	**129**	**74**	**123**
WP26-GW-2625-2204200		WATER		MS	Bromodichloromethane	1	112	75	123
WP26-GW-2625-2204200		WATER		MS	Bromofluorobenzene	1	98	78	118
WP26-GW-2625-2204200		WATER		MS	Bromoform	1	113	69	123
WP26-GW-2625-2204200		WATER		MS	Bromomethane	1	113	61	136
WP26-GW-2625-2204200		WATER		MS	Carbon tetrachloride	1	97	74	133
WP26-GW-2625-2204200		WATER		MS	Chlorobenzene	1	111	78	118
WP26-GW-2625-2204200		WATER		MS	Chloroethane	1	124	62	125
WP26-GW-2625-2204200		WATER		MS	Chloroform	1	114	77	124
WP26-GW-2625-2204200		WATER		MS	Chloromethane	1	124	50	132
WP26-GW-2625-2204200		WATER		**MS**	**cis-1,2-Dichloroethylene**	1	**117**	**76**	**116**
WP26-GW-2625-2204200		WATER		MS	cis-1,3-Dichloropropene	1	113	79	120
WP26-GW-2625-2204200		WATER		MS	Dibromochloromethane	1	115	75	120
WP26-GW-2625-2204200		WATER		MS	Dibromomethane	1	115	72	124
WP26-GW-2625-2204200		WATER		MS	Dichlorodifluoromethane	1	111	51	129
WP26-GW-2625-2204200		WATER		MS	Ethylbenzene	1	112	79	119
WP26-GW-2625-2204200		WATER		MS	Hexachlorobutadiene	1	88	75	126
WP26-GW-2625-2204200		WATER		MS	Isopropylbenzene	1	114	76	116
WP26-GW-2625-2204200		WATER		MS	M,P-XYLENE	1	106	70	130
WP26-GW-2625-2204200		WATER		**MS**	**Methyl tert-butyl ether**	1	**121**	**65**	**119**
WP26-GW-2625-2204200		WATER		MS	Methylene chloride	1	119	70	125
WP26-GW-2625-2204200		WATER		MS	n-Butylbenzene	1	112	77	124
WP26-GW-2625-2204200		WATER		MS	n-Propylbenzene	1	114	75	124
WP26-GW-2625-2204200		WATER		MS	o-Xylene	1	108	79	119
WP26-GW-2625-2204200		WATER		MS	sec-Butylbenzene	1	117	76	125
WP26-GW-2625-2204200		WATER		MS	Styrene	1	79	78	119
WP26-GW-2625-2204200		WATER		MS	TCE	1	119	79	122
WP26-GW-2625-2204200		WATER		MS	tert-Butylbenzene	1	105	75	123
WP26-GW-2625-2204200		WATER		MS	Tetrachloroethene	1	103	81	121
WP26-GW-2625-2204200		WATER		MS	Toluene	1	114	78	118
WP26-GW-2625-2204200		WATER		MS	Toluene-d8	1	98	77	117

Table E-7. Matrix Spike and Matrix Spike Duplicate Summary for Solid Waste Management Unit WP-26 Soil and Groundwater, January through April 2009

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	WP26-GW-2625-2204200	WATER	09D233	MS	Trans-1,2-DCE	1	107	76	125
	WP26-GW-2625-2204200	WATER		MS	trans-1,3-Dichloropropene	1	109	75	122
	WP26-GW-2625-2204200	WATER		MS	Vinyl chloride	1	129	62	138
	WP26-GW-2625-2204200	WATER		SD	1,1,1-Trichloroethane	1	88	73	128
	WP26-GW-2625-2204200	WATER		SD	1,1,2,2-Tetrachloroethane	1	113	66	121
	WP26-GW-2625-2204200	WATER		SD	1,1,2-Trichloroethane	1	114	74	115
	WP26-GW-2625-2204200	WATER		SD	1,1-Dichloroethane	1	106	78	131
	WP26-GW-2625-2204200	WATER		SD	1,1-Dichloroethene	1	90	66	132
	WP26-GW-2625-2204200	WATER		SD	1,1-Dichloropropene	1	88	78	128
	WP26-GW-2625-2204200	WATER		SD	1,2,3-Trichlorobenzene	1	92	74	122
	WP26-GW-2625-2204200	WATER		SD	1,2,3-Trichloropropane	1	106	73	122
	WP26-GW-2625-2204200	WATER		SD	1,2,4-Trichlorobenzene	1	88	77	121
	WP26-GW-2625-2204200	WATER		**SD**	**1,2,4-Trimethylbenzene**	1	**77**	**79**	**120**
	WP26-GW-2625-2204200	WATER		SD	1,2-Dibromo-3-chloropropane	1	96	63	121
	WP26-GW-2625-2204200	WATER		SD	1,2-dibromoethane (EDB)	1	104	76	119
	WP26-GW-2625-2204200	WATER		SD	1,2-Dichlorobenzene	1	93	77	117
	WP26-GW-2625-2204200	WATER		SD	1,2-Dichloroethane	1	92	69	133
	WP26-GW-2625-2204200	WATER		SD	1,2-Dichloroethane-d4	1	91	62	128
	WP26-GW-2625-2204200	WATER		SD	1,2-Dichloropropane	1	110	72	119
	WP26-GW-2625-2204200	WATER		SD	1,3,5-Trimethylbenzene	1	91	77	121
	WP26-GW-2625-2204200	WATER		SD	1,3-Dichlorobenzene	1	92	77	117
	WP26-GW-2625-2204200	WATER		SD	1,3-Dichloropropane	1	108	74	120
	WP26-GW-2625-2204200	WATER		SD	1,4-Dichlorobenzene	1	91	77	117
	WP26-GW-2625-2204200	WATER		SD	2,2-Dichloropropane	1	80	76	130
	WP26-GW-2625-2204200	WATER		SD	2-Butanone	1	108	62	127
	WP26-GW-2625-2204200	WATER		SD	2-Chlorotoluene	1	93	78	119
	WP26-GW-2625-2204200	WATER		SD	2-HEXANONE	1	111	62	125
	WP26-GW-2625-2204200	WATER		SD	4-Chlorotoluene	1	92	78	119
	WP26-GW-2625-2204200	WATER		SD	4-METHYL-2-PENTANONE	1	101	64	128
	WP26-GW-2625-2204200	WATER		SD	ACETONE	1	93	51	143
	WP26-GW-2625-2204200	WATER		SD	Benzene	1	98	75	120
	WP26-GW-2625-2204200	WATER		SD	Bromobenzene	1	95	78	118
	WP26-GW-2625-2204200	WATER		SD	Bromochloromethane	1	108	74	123
	WP26-GW-2625-2204200	WATER		SD	Bromodichloromethane	1	96	75	123
	WP26-GW-2625-2204200	WATER		SD	Bromofluorobenzene	1	97	78	118
	WP26-GW-2625-2204200	WATER		SD	Bromoform	1	98	69	123
	WP26-GW-2625-2204200	WATER		SD	Bromomethane	1	103	61	136
	WP26-GW-2625-2204200	WATER		SD	Carbon tetrachloride	1	82	74	133
	WP26-GW-2625-2204200	WATER		SD	Chlorobenzene	1	95	78	118
	WP26-GW-2625-2204200	WATER		SD	Chloroethane	1	112	62	125
	WP26-GW-2625-2204200	WATER		SD	Chloroform	1	97	77	124
	WP26-GW-2625-2204200	WATER		SD	Chloromethane	1	113	50	132

Table E-7. Matrix Spike and Matrix Spike Duplicate Summary for Solid Waste Management Unit WP-26 Soil and Groundwater, January through April 2009

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	WP26-GW-2625-2204200	WATER	09D233	SD	cis-1,2-Dichloroethylene	1	99	76	116
	WP26-GW-2625-2204200	WATER		SD	cis-1,3-Dichloropropene	1	97	79	120
	WP26-GW-2625-2204200	WATER		SD	Dibromochloromethane	1	99	75	120
	WP26-GW-2625-2204200	WATER		SD	Dibromomethane	1	100	72	124
	WP26-GW-2625-2204200	WATER		SD	Dichlorodifluoromethane	1	104	51	129
	WP26-GW-2625-2204200	WATER		SD	Ethylbenzene	1	93	79	119
	WP26-GW-2625-2204200	WATER		**SD**	**Hexachlorobutadiene**	1	**73**	**75**	**126**
	WP26-GW-2625-2204200	WATER		SD	Isopropylbenzene	1	97	76	116
	WP26-GW-2625-2204200	WATER		SD	M,P-XYLENE	1	89	70	130
	WP26-GW-2625-2204200	WATER		SD	Methyl tert-butyl ether	1	103	65	119
	WP26-GW-2625-2204200	WATER		SD	Methylene chloride	1	100	70	125
	WP26-GW-2625-2204200	WATER		SD	n-Butylbenzene	1	93	77	124
	WP26-GW-2625-2204200	WATER		SD	n-Propylbenzene	1	95	75	124
	WP26-GW-2625-2204200	WATER		SD	o-Xylene	1	91	79	119
	WP26-GW-2625-2204200	WATER		SD	sec-Butylbenzene	1	96	76	125
	WP26-GW-2625-2204200	WATER		**SD**	**Styrene**	1	**61**	**78**	**119**
	WP26-GW-2625-2204200	WATER		SD	TCE	1	98	79	122
	WP26-GW-2625-2204200	WATER		SD	tert-Butylbenzene	1	88	75	123
	WP26-GW-2625-2204200	WATER		SD	Tetrachloroethene	1	86	81	121
	WP26-GW-2625-2204200	WATER		SD	Toluene	1	97	78	118
	WP26-GW-2625-2204200	WATER		SD	Toluene-d8	1	98	77	117
	WP26-GW-2625-2204200	WATER		SD	Trans-1,2-DCE	1	89	76	125
	WP26-GW-2625-2204200	WATER		SD	trans-1,3-Dichloropropene	1	94	75	122
	WP26-GW-2625-2204200	WATER		SD	Vinyl chloride	1	121	62	138
	WP26-SO-2625-0200MS	SOIL	09B319	MS	1,1,1-Trichloroethane	0.93	115	70	125
	WP26-SO-2625-0200MS	SOIL		MS	1,1,2,2-Tetrachloroethane	0.93	124	63	133
	WP26-SO-2625-0200MS	SOIL		MS	1,1,2-Trichloroethane	0.93	116	68	128
	WP26-SO-2625-0200MS	SOIL		MS	1,1-Dichloroethane	0.93	111	72	119
	WP26-SO-2625-0200MS	SOIL		MS	1,1-Dichloroethene	0.93	113	54	124
	WP26-SO-2625-0200MS	SOIL		MS	1,1-Dichloropropene	0.93	110	80	120
	WP26-SO-2625-0200MS	SOIL		**MS**	**1,2,3-Trichlorobenzene**	0.93	**61**	**69**	**118**
	WP26-SO-2625-0200MS	SOIL		MS	1,2,3-Trichloropropane	0.93	113	69	129
	WP26-SO-2625-0200MS	SOIL		MS	1,2,4-Trichlorobenzene	0.93	85	74	114
	WP26-SO-2625-0200MS	SOIL		MS	1,2,4-Trimethylbenzene	0.93	95	71	130
	WP26-SO-2625-0200MS	SOIL		MS	1,2-Dibromo-3-chloropropane	0.93	125	57	128
	WP26-SO-2625-0200MS	SOIL		MS	1,2-dibromoethane (EDB)	0.93	121	77	124
	WP26-SO-2625-0200MS	SOIL		MS	1,2-Dichlorobenzene	0.93	103	74	117
	WP26-SO-2625-0200MS	SOIL		MS	1,2-Dichloroethane	0.93	110	63	125
	WP26-SO-2625-0200MS	SOIL		MS	1,2-Dichloroethane-d4	0.93	118	61	129
	WP26-SO-2625-0200MS	SOIL		MS	1,2-Dichloropropane	0.93	103	67	123
	WP26-SO-2625-0200MS	SOIL		MS	1,3,5-Trimethylbenzene	0.93	95	68	132
	WP26-SO-2625-0200MS	SOIL		MS	1,3-Dichlorobenzene	0.93	99	76	118

Table E-7. Matrix Spike and Matrix Spike Duplicate Summary for Solid Waste Management Unit WP-26 Soil and Groundwater, January through April 2009

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	WP26-SO-2625-0200MS	SOIL	09B319	MS	1,3-Dichloropropane	0.93	118	69	130
	WP26-SO-2625-0200MS	SOIL		MS	1,4-Dichlorobenzene	0.93	100	75	121
	WP26-SO-2625-0200MS	SOIL		MS	2,2-Dichloropropane	0.93	127	67	129
	WP26-SO-2625-0200MS	SOIL		MS	2-Butanone	0.93	130	62	160
	WP26-SO-2625-0200MS	SOIL		MS	2-Chlorotoluene	0.93	97	70	125
	WP26-SO-2625-0200MS	SOIL		MS	2-HEXANONE	0.93	134	57	156
	WP26-SO-2625-0200MS	SOIL		MS	4-Chlorotoluene	0.93	103	70	129
	WP26-SO-2625-0200MS	SOIL		MS	4-METHYL-2-PENTANONE	0.93	118	65	136
	WP26-SO-2625-0200MS	SOIL		MS	ACETONE	0.93	135	62	211
	WP26-SO-2625-0200MS	SOIL		MS	Benzene	0.93	101	78	130
	WP26-SO-2625-0200MS	SOIL		MS	Bromobenzene	0.93	106	75	121
	WP26-SO-2625-0200MS	SOIL		**MS**	**Bromochloromethane**	0.93	**118**	**68**	**117**
	WP26-SO-2625-0200MS	SOIL		MS	Bromodichloromethane	0.93	107	72	119
	WP26-SO-2625-0200MS	SOIL		MS	Bromofluorobenzene	0.93	102	80	128
	WP26-SO-2625-0200MS	SOIL		MS	Bromoform	0.93	118	61	132
	WP26-SO-2625-0200MS	SOIL		MS	Bromomethane	0.93	101	48	129
	WP26-SO-2625-0200MS	SOIL		MS	Carbon tetrachloride	0.93	109	61	136
	WP26-SO-2625-0200MS	SOIL		MS	Chlorobenzene	0.93	105	79	120
	WP26-SO-2625-0200MS	SOIL		MS	Chloroethane	0.93	117	42	131
	WP26-SO-2625-0200MS	SOIL		MS	Chloroform	0.93	115	76	119
	WP26-SO-2625-0200MS	SOIL		MS	Chloromethane	0.93	100	27	151
	WP26-SO-2625-0200MS	SOIL		**MS**	**cis-1,2-Dichloroethylene**	0.93	**114**	**72**	**112**
	WP26-SO-2625-0200MS	SOIL		MS	cis-1,3-Dichloropropene	0.93	112	72	125
	WP26-SO-2625-0200MS	SOIL		MS	Dibromochloromethane	0.93	118	69	124
	WP26-SO-2625-0200MS	SOIL		MS	Dibromomethane	0.93	116	71	118
	WP26-SO-2625-0200MS	SOIL		MS	Dichlorodifluoromethane	0.93	100	29	110
	WP26-SO-2625-0200MS	SOIL		MS	Ethylbenzene	0.93	104	77	123
	WP26-SO-2625-0200MS	SOIL		**MS**	**Hexachlorobutadiene**	0.93	**64**	**76**	**127**
	WP26-SO-2625-0200MS	SOIL		MS	Isopropylbenzene	0.93	97	77	117
	WP26-SO-2625-0200MS	SOIL		MS	M,P-XYLENE	0.93	106	77	124
	WP26-SO-2625-0200MS	SOIL		**MS**	**Methyl tert-butyl ether**	0.93	**132**	**67**	**119**
	WP26-SO-2625-0200MS	SOIL		MS	Methylene chloride	0.93	111	61	119
	WP26-SO-2625-0200MS	SOIL		MS	n-Butylbenzene	0.93	85	72	135
	WP26-SO-2625-0200MS	SOIL		MS	n-Propylbenzene	0.93	101	67	129
	WP26-SO-2625-0200MS	SOIL		MS	o-Xylene	0.93	104	75	125
	WP26-SO-2625-0200MS	SOIL		MS	sec-Butylbenzene	0.93	89	75	127
	WP26-SO-2625-0200MS	SOIL		MS	Styrene	0.93	102	58	140
	WP26-SO-2625-0200MS	SOIL		MS	TCE	0.93	103	80	127
	WP26-SO-2625-0200MS	SOIL		MS	tert-Butylbenzene	0.93	92	68	131
	WP26-SO-2625-0200MS	SOIL		MS	Tetrachloroethene	0.93	107	77	127
	WP26-SO-2625-0200MS	SOIL		MS	Toluene	0.93	101	76	126
	WP26-SO-2625-0200MS	SOIL		MS	Toluene-d8	0.93	98	68	128

Table E-7. Matrix Spike and Matrix Spike Duplicate Summary for Solid Waste Management Unit WP-26 Soil and Groundwater, January through April 2009

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	WP26-SO-2625-0200MS	SOIL	09B319	MS	Trans-1,2-DCE	0.93	112	79	121
	WP26-SO-2625-0200MS	SOIL		MS	trans-1,3-Dichloropropene	0.93	116	67	128
	WP26-SO-2625-0200MS	SOIL		MS	Vinyl chloride	0.93	135	39	152
	WP26-SO-2625-0200MS	SOIL		SD	1,1,1-Trichloroethane	0.86	99	70	125
	WP26-SO-2625-0200MS	SOIL		SD	1,1,2,2-Tetrachloroethane	0.86	114	63	133
	WP26-SO-2625-0200MS	SOIL		SD	1,1,2-Trichloroethane	0.86	109	68	128
	WP26-SO-2625-0200MS	SOIL		SD	1,1-Dichloroethane	0.86	100	72	119
	WP26-SO-2625-0200MS	SOIL		SD	1,1-Dichloroethene	0.86	97	54	124
	WP26-SO-2625-0200MS	SOIL		SD	1,1-Dichloropropene	0.86	98	80	120
	WP26-SO-2625-0200MS	SOIL		**SD**	**1,2,3-Trichlorobenzene**	0.86	**66**	**69**	**118**
	WP26-SO-2625-0200MS	SOIL		SD	1,2,3-Trichloropropane	0.86	110	69	129
	WP26-SO-2625-0200MS	SOIL		SD	1,2,4-Trichlorobenzene	0.86	79	74	114
	WP26-SO-2625-0200MS	SOIL		SD	1,2,4-Trimethylbenzene	0.86	82	71	130
	WP26-SO-2625-0200MS	SOIL		SD	1,2-Dibromo-3-chloropropane	0.86	121	57	128
	WP26-SO-2625-0200MS	SOIL		SD	1,2-dibromoethane (EDB)	0.86	114	77	124
	WP26-SO-2625-0200MS	SOIL		SD	1,2-Dichlorobenzene	0.86	90	74	117
	WP26-SO-2625-0200MS	SOIL		SD	1,2-Dichloroethane	0.86	103	63	125
	WP26-SO-2625-0200MS	SOIL		SD	1,2-Dichloroethane-d4	0.86	121	61	129
	WP26-SO-2625-0200MS	SOIL		SD	1,2-Dichloropropane	0.86	94	67	123
	WP26-SO-2625-0200MS	SOIL		SD	1,3,5-Trimethylbenzene	0.86	81	68	132
	WP26-SO-2625-0200MS	SOIL		SD	1,3-Dichlorobenzene	0.86	86	76	118
	WP26-SO-2625-0200MS	SOIL		SD	1,3-Dichloropropane	0.86	111	69	130
	WP26-SO-2625-0200MS	SOIL		SD	1,4-Dichlorobenzene	0.86	87	75	121
	WP26-SO-2625-0200MS	SOIL		SD	2,2-Dichloropropane	0.86	110	67	129
	WP26-SO-2625-0200MS	SOIL		SD	2-Butanone	0.86	139	62	160
	WP26-SO-2625-0200MS	SOIL		SD	2-Chlorotoluene	0.86	82	70	125
	WP26-SO-2625-0200MS	SOIL		SD	2-HEXANONE	0.86	143	57	156
	WP26-SO-2625-0200MS	SOIL		SD	4-Chlorotoluene	0.86	88	70	129
	WP26-SO-2625-0200MS	SOIL		SD	4-METHYL-2-PENTANONE	0.86	123	65	136
	WP26-SO-2625-0200MS	SOIL		SD	ACETONE	0.86	138	62	211
	WP26-SO-2625-0200MS	SOIL		SD	Benzene	0.86	89	78	130
	WP26-SO-2625-0200MS	SOIL		SD	Bromobenzene	0.86	91	75	121
	WP26-SO-2625-0200MS	SOIL		SD	Bromochloromethane	0.86	106	68	117
	WP26-SO-2625-0200MS	SOIL		SD	Bromodichloromethane	0.86	99	72	119
	WP26-SO-2625-0200MS	SOIL		SD	Bromofluorobenzene	0.86	98	80	128
	WP26-SO-2625-0200MS	SOIL		SD	Bromoform	0.86	109	61	132
	WP26-SO-2625-0200MS	SOIL		SD	Bromomethane	0.86	88	48	129
	WP26-SO-2625-0200MS	SOIL		SD	Carbon tetrachloride	0.86	98	61	136
	WP26-SO-2625-0200MS	SOIL		SD	Chlorobenzene	0.86	92	79	120
	WP26-SO-2625-0200MS	SOIL		SD	Chloroethane	0.86	101	42	131
	WP26-SO-2625-0200MS	SOIL		SD	Chloroform	0.86	101	76	119
	WP26-SO-2625-0200MS	SOIL		SD	Chloromethane	0.86	87	27	151

Table E-7. Matrix Spike and Matrix Spike Duplicate Summary for Solid Waste Management Unit WP-26 Soil and Groundwater, January through April 2009

Method	Sample ID	Matrix	SDG	QA/QC Type	Analyte	Dilution	% Recovery	Lower Control Limit	Upper Control Limit
SW8260B									
	WP26-SO-2625-0200MS	SOIL	09B319	SD	cis-1,2-Dichloroethylene	0.86	100	72	112
	WP26-SO-2625-0200MS	SOIL		SD	cis-1,3-Dichloropropene	0.86	98	72	125
	WP26-SO-2625-0200MS	SOIL		SD	Dibromochloromethane	0.86	108	69	124
	WP26-SO-2625-0200MS	SOIL		SD	Dibromomethane	0.86	108	71	118
	WP26-SO-2625-0200MS	SOIL		SD	Dichlorodifluoromethane	0.86	88	29	110
	WP26-SO-2625-0200MS	SOIL		SD	Ethylbenzene	0.86	92	77	123
	WP26-SO-2625-0200MS	SOIL		**SD**	**Hexachlorobutadiene**	0.86	**58**	**76**	**127**
	WP26-SO-2625-0200MS	SOIL		SD	Isopropylbenzene	0.86	83	77	117
	WP26-SO-2625-0200MS	SOIL		SD	M,P-XYLENE	0.86	93	77	124
	WP26-SO-2625-0200MS	SOIL		**SD**	**Methyl tert-butyl ether**	0.86	**125**	**67**	**119**
	WP26-SO-2625-0200MS	SOIL		SD	Methylene chloride	0.86	98	61	119
	WP26-SO-2625-0200MS	SOIL		SD	n-Butylbenzene	0.86	76	72	135
	WP26-SO-2625-0200MS	SOIL		SD	n-Propylbenzene	0.86	85	67	129
	WP26-SO-2625-0200MS	SOIL		SD	o-Xylene	0.86	92	75	125
	WP26-SO-2625-0200MS	SOIL		SD	sec-Butylbenzene	0.86	80	75	127
	WP26-SO-2625-0200MS	SOIL		SD	Styrene	0.86	90	58	140
	WP26-SO-2625-0200MS	SOIL		SD	TCE	0.86	92	80	127
	WP26-SO-2625-0200MS	SOIL		SD	tert-Butylbenzene	0.86	80	68	131
	WP26-SO-2625-0200MS	SOIL		SD	Tetrachloroethene	0.86	95	77	127
	WP26-SO-2625-0200MS	SOIL		SD	Toluene	0.86	92	76	126
	WP26-SO-2625-0200MS	SOIL		SD	Toluene-d8	0.86	101	68	128
	WP26-SO-2625-0200MS	SOIL		SD	Trans-1,2-DCE	0.86	98	79	121
	WP26-SO-2625-0200MS	SOIL		SD	trans-1,3-Dichloropropene	0.86	106	67	128
	WP26-SO-2625-0200MS	SOIL		SD	Vinyl chloride	0.86	114	39	152

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

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APPENDIX F
Soil Vapor and Groundwater Calculations

Table F-1. Calculations for Potential Groundwater Contamination due to Volatile Organic Compounds Present in Soil Vapor
Solid Waste Management Unit WP-26, Sewage Lagoons

Sample Identification	Well	Depth (ft bgs)	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	cis-1,2-Dichloroethene (cis-1,2-DCE)	Methylene chloride	Dichlorodifluoromethane (Freon-12)	Benzene	Ethylbenzene	Toluene	m,p-Xylenes	o-Xylenes	Xylenes, Total	1,2,4-Trimethylbenzene (1,2,4-TMB)	1,3,5-Trimethylbenzene (1,3,5-TMB)	Isopropylbenzene	2-Butanone (MEK)	2-Hexanone	Acetone
				Chlorinated VOCs						CFC	Non-Halogenated and Petroleum VOCs											
				Soil Vapor Concentrations (ppbv)																		
WP26-SV-0112-0205	**112**	**205**	2/16/2009	15.9 J	476	80.2	59.5	101.7	< 5.7	< 2.2	6.77J	1879	6782J	not analyzed		10641	4.8	< 4	46	32	< 9.6	1076
WP2602BQ103	**2602B**	**222**	2/19/2003	<5	90.8	24.9	<5	11.2	14.5	<5	16	6.9J	740	75.8	47	not analyzed	31.9	21	not analyzed	77.9	22	not analyzed
WP26-SV-0504-0470-2	**KAFB-0504**	**470**	1/27/2009	< 2.9	< 3.7	< 4.9	< 4.9	< 5	13.9 J	not analyzed	< 6.2	< 4.5	19.0	< 9.6	< 9.6	not analyzed	< 4	< 4	not analyzed	20.6	< 9.6	149
WP26-2620-SG-246D	**KAFB-2620**	**246**	12/8/2004	1.6	1.1 F	0.35 F	<1.6	<1.6	<0.66 UB	0.39 F	66	1.7	91	1.9	9.6	not analyzed	2.3	0.94 F	not analyzed	2400	2.2 F	260
WP26-2621-SG-245D	**KAFB-2621**	**245**	12/8/2004	<1.5	0.78 F	3.2	<1.5	<1.5	<0.54 UB	<1.5	54	1.6	88	1.9	7.5	not analyzed	<1.5	<1.5	not analyzed	16	0.71 F	32 B
Chemical Specific Properties (CRC Handbook 1997, and HSDB, 2009)																						
Henry's Law Constant [atm*m3/mole at 25 degrees C]				0.0177	9.85E-03	5.62E-03	2.61E-02	4.08E-03	3.25E-03	3.43E-01	5.56E-03	7.88E-03	6.64E-03	6.90E-03	6.90E-03	6.90E-03	6.16E-03	8.77E-03	1.15E-02	6.90E-06	3.20E-04	3.97E-05
Molecular Weight				165.83	131.39	98.97	96.94	96.94	84.93	120.91	78.11	106.16	92.14	106.17	106.17	106.17	120.191	120.191	120.19	72.11	100.16	58.08
Universal Constants (per CRC Handbook, 1997)																						
Molecular Weight of Dry Air				28.97																		
Ideal Gas Constant				R = 8.205 746 × 10-5 [m3atm/Kmol]																		
Ideal Gas Constant (standard temperature and pressure)				R = 2.75222 × 10-7 [m3/mol]																		
Partial Pressure Calculation (P=air concentration x R x molecular weight / air molecular weight [atmx10-9]) by Ideal Gas Law and Raoult Law																						
Partial Pressure				2.227	52.82	6.703	4.871	8.326	1.040	0.0398	4.35	168.5	527.73	6.796	4.214	954.088	3.238	2.1316	4.6691	146	1.861	52.78
Henry's Law Calculation (Water Concentration = partial pressure x Henry's constant)																						
Water Concentration [mol/m3 x10-9]				3.94E-02	5.20E-01	3.77E-02	1.27E-01	3.40E-02	3.38E-03	1.37E-02	2.42E-02	1.3E+00	3.5E+00	4.69E-02	2.91E-02	6.58E+00	1.99E-02	1.87E-02	5.37E-02	1.01E-03	5.95E-04	2.10E-03
Unit Conversion (mol/m3 X molecular weight / 1000 = g/L)																						
Water Concentration [µg/L]				0.00654	0.06836	0.00373	0.01232	0.00329	0.00029	0.00165	0.00189	0.14092	0.32287	0.00498	0.00309	0.69894	0.00240	0.00225	0.00645	0.00007	0.00006	0.00012
Drinking Water Standard - EPA MCL [µg/L]				5	5	NE	7	70	NE	NE	5	700	1000	10,000	10,000	10,000	NE	NE	NE	NE	NE	NE
NWQCC Standard [µg/L]				20	100	25	5	NE	100	NE	10	750	750	620	620	620	NE	NE	NE	NE	NE	NE

CRC Handbook, 1997. *Handbook of Chemistry and Physics.* CRC Press.
HSDB, 2009. *United States National Library of Medicine, Hazardous Substance Database.* http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB
Shaded cell indicates the maximum concentrations used in calculating the potential contaminant concentration in regional groundwater.

atm - atmosphere
B - analyte detected in associated blank
ft bgs - feet below ground surface
F - estimated value
g/L - grams per liter
J - estimated value
Kmol - kilomole
m3 - cubic meters
MCL - maximum contaminant level
mol - mole
NE - not established
NMWQCC - New Mexico Water Quality Control Commission
ppbv - parts per billion per volume
UB - Analyte not detected due to associated blank data.
µg/L - micrograms per liter
VOC - volatile organic compound

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