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Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Third Quarter Fiscal Year 2011

Prepared by the Environmental Programs Directorate

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EXECUTIVE SUMMARY

This periodic monitoring report summarizes vapor-monitoring activities conducted during the third quarter of fiscal year (FY) 2011 at Material Disposal Area (MDA) L, Solid Waste Management Unit 54-006, in Technical Area 54, at Los Alamos National Laboratory. The objectives of vapor monitoring at MDA L are to (1) collect additional vapor samples from vapor-monitoring wells at MDA L and (2) compare sampling results with previously detected volatile organic compound (VOC) concentrations and tritium activities in pore gas beneath and surrounding MDA L.

Vapor monitoring included field screening and collecting vapor samples from 27 and 24 vapor-monitoring wells, respectively. Vapor samples were submitted for laboratory analysis of VOCs and tritium. The results of the detected VOCs in MDA L pore gas during the third quarter of FY2011 were generally similar to previous sampling results. The VOC screening evaluation identified 14 VOCs in MDA L pore gas at concentrations exceeding screening levels that are based on groundwater screening levels. All VOC concentrations decreased with depth to total depth in the deepest port sampled at MDA L.

The results of the detected tritium activities in MDA L pore vapor during the third quarter of FY2011 were similar to previous sampling results.

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1.0 INTRODUCTION

This periodic monitoring report (PMR) presents the results of vapor-monitoring activities conducted during the third quarter of fiscal year (FY) 2011 at Material Disposal Area (MDA) L, Solid Waste Management Unit 54-006, in Technical Area 54 (TA-54), at Los Alamos National Laboratory (LANL or the Laboratory). These activities are being conducted per the requirements outlined in the MDA L vapor-monitoring plan (LANL 2007, 099372), approved with modifications by the New Mexico Environment Department (NMED) (2007, 098999), and the revised table of monitoring wells submitted to NMED in May 2008 (McInroy 2008, 104475) and includes results from monitoring well 54-610786 (NMED 2009, 107653).

The objectives of the MDA L vapor-monitoring activities are to (1) collect additional vapor samples from vapor-monitoring wells at MDA L and (2) compare sampling results with previously detected volatile organic compound (VOC) concentrations and tritium activities in pore gas beneath and surrounding MDA L.

This report discusses the results obtained during the latest quarterly monitoring activities; however, for comparison, vapor data from the previous three quarterly PMRs, fourth quarter of FY2010, and first and second quarters of FY2011 (LANL 2011, 111587; LANL 2011, 202268; LANL 2011, 204889), at MDA L are also included in the data evaluation section of this report. Vapor monitoring included field screening and collecting vapor samples from stainless-steel sampling ports in vapor-monitoring wells. All pore-gas samples were submitted for off-site analysis of VOCs and tritium.

No regulatory criteria exist for vapor-phase contaminants; therefore, this report presents the results of a screening evaluation of the pore-gas VOC data. This screening evaluation compares maximum concentrations of VOCs in pore gas with pore-gas screening levels (SLs) derived from groundwater SLs. This conservative screening process evaluates the potential for the observed VOC concentrations to result in contamination of groundwater above applicable regulatory criteria.

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to NMED in accordance with U.S. Department of Energy policy.

1.1 Site Location and Description

MDA L is located in the east-central portion of the Laboratory (Figure 1.1-1) on Mesita del Buey. It consists of 1 inactive subsurface disposal pit (Pit A), 3 inactive subsurface treatment and disposal impoundments (Impoundments B, C, and D), and 34 inactive disposal shafts (Shafts 1 to 34) (Figure 1.1-2). Although no longer in use, Impoundments B, C, and D and Shafts 1, 13 to 17, and 19 to 34 are considered regulated units under the Resource Conservation and Recovery Act. Pore-gas monitoring has indicated two source areas of the subsurface vapor-phase plume currently being monitored: the eastern source area (Shafts 1 to 28) and the western source area (Shafts 29 to 34) (LANL 2010, 110852). Area L is relatively flat, and most of the overlying surface is paved with asphalt to house ongoing waste management activities, including storage of chemical, hazardous, and mixed low-level wastes managed within container storage units. The regional aquifer beneath MDA L is estimated to be an average depth of approximately 950 ft below ground surface (bgs), based on water-level data from regional well R-38, which is located northeast of MDA L (Koch and Schmeer 2010, 108926).

2.0 SCOPE OF ACTIVITIES

The following activities were completed at MDA L during the third quarter of FY2011. Vapor-monitoring activities were conducted from April 6 to June 16, 2011. Table 2.0-1 outlines the NMED-approved vapor-monitoring locations, port depths, and corresponding sampling intervals.

- Samples were field screened and collected in accordance with the current version of Standard Operating Procedure 5074, Sampling Subsurface Vapor.
- Field screening was conducted using a MultiRAE IR Multi-Gas Monitor equipped with a photoionization detector (PID) to measure percent carbon dioxide ($\%CO_2$), percent oxygen ($\%O_2$), and VOC concentrations in parts per million.
- Vapor samples were submitted to off-site analytical laboratories in SUMMA canisters for VOC analysis using U.S. Environmental Protection Agency (EPA) Method TO-15 and in silica-gel columns for tritium analysis using EPA Method 906.
- A total of 182 ports in 27 vapor-monitoring wells (Figure 1.1-2) were field screened for VOCs using the MultiRAE IR PID.
- A total of 105 pore-gas samples (85 characterization and 20 quality assurance [QA]/quality control [QC]) were collected for VOC analysis from 84 ports in 24 vapor-monitoring wells.
- A total of 105 samples (85 characterization and 20 QA/QC) were collected for tritium analysis from 84 ports in 24 vapor-monitoring wells.

All analytical data were subject to QA/QC and data validation reviews in accordance with Laboratory guidance and procedures. Field duplicate samples were collected at a minimum frequency of 1 for every 10 samples. The QA/QC and data validation reviews for MDA L pore-gas data are presented in Appendix C.

No investigation-derived waste was generated at the time vapor-monitoring activities were conducted at MDA L.

Further discussion of the field methods used for pore-gas field screening and sample collection is presented in Appendix B. Field chain-of-custody forms and sample collection logs are provided in Attachment D-1 of Appendix D (on CD).

The pore-gas field-screening results are discussed in section 4, and the pore-gas analytical results are discussed in section 5. Any deviations from the scope of activities presented in the approved MDA L vapor-monitoring plan (LANL 2007, 099372), approved with modifications by NMED (2007, 098999), and the revised table of monitoring wells submitted to NMED in May 2008 (McInroy 2008, 104475) are discussed in the following section.

2.1 Deviations

Five ports listed for field screening within Table 2.0-1 were not field screened. These ports were not field screened because of a blockage. The ports include vapor-monitoring wells 54-02001 at 180 ft bgs, 54-02016 at 18 ft bgs, 54-02023 at 60 and 120 ft bgs, and 54-02024 at 120 ft bgs. Field screening of these ports will be attempted again during future vapor monitoring.

Field-screening and investigation samples were not collected from open borehole 54-24399 because of an equipment failure on the packer trailer. The necessary equipment for repairs should be available for the fourth quarter FY2011 sampling event.

3.0 REGULATORY CRITERIA

The Compliance Order on Consent does not identify any cleanup standards, risk-based SLs, risk-based cleanup goals, or other regulatory criteria for pore gas at MDA L. Because the primary pathway of concern for subsurface VOC vapors is migration to groundwater, an analysis was conducted to evaluate the potential for contamination of groundwater by VOCs in pore gas using SLs based on groundwater SLs. The analysis evaluated the groundwater concentration that would be in equilibrium with the maximum pore-gas concentrations of VOCs detected at MDA L.

The equilibrium relationship between air (pore-gas) and water concentrations is described by the following equation:

$$C_{water} = C_{air} / H' \qquad \textbf{Equation 3.0-1}$$

where C_{water} = the volumetric concentration of contaminant in water,
C_{air} = the volumetric concentration of contaminant in air, and
H' = the dimensionless form of Henry's law constant.

If the predicted concentration of a particular VOC in groundwater is less than the SL, then no potential exists for exceedances above applicable regulatory criteria at the vapor contaminant/groundwater interface.

The screening evaluation was based on groundwater standards or tap water SLs and Henry's law constants that describe the equilibrium relationship between vapor and water concentrations. The source of the Henry's law constants is the NMED technical background document (NMED 2009, 108070) or the EPA regional screening tables (http://www.epa.gov/region6/6pd/rcra_c/pd-n/screen.htm). The following dimensionless form of Henry's law constant was used:

$$H' = \frac{C_{air}}{C_{water}} \qquad \textbf{Equation 3.0-2}$$

Equation 3.0-2 can be used to calculate the screening value (SV):

$$SV = \frac{C_{air}}{1000 \times H' \times SL} \qquad \textbf{Equation 3.0-3}$$

where C_{air} is in units of µg/m^3, SL is in units of µg/L, and 1000 is a conversion factor from L to m^3. The SLs are the groundwater standards or tap water SLs. The groundwater standards are the EPA maximum contaminant level (MCL) or New Mexico Water Quality Control Commission (NMWQCC) groundwater standard, whichever is lower. If no MCL or NMWQCC standard is available, the NMED tap water SL should be used (NMED 2009, 108070). If no NMED tap water SL is available, the EPA regional tap water SL (http://www.epa.gov/region6/6pd/rcra_c/pd-n/screen.htm) is used. If EPA SLs for carcinogens are used, they should be adjusted to 10^{-5} risk. The numerator in Equation 3.0-3 is the actual concentration of the VOC in pore gas, and the denominator represents the pore-gas concentration needed to exceed the groundwater SL. Therefore, if the SV is less than 1, the concentration of the VOC in groundwater would not exceed the SL, even if the VOC plume were to come in contact with groundwater. Table 3.0-1 presents the calculated concentrations of contaminants in pore gas corresponding to groundwater SLs for the latest and previous three monitoring periods.

Results of the pore-gas screening evaluation are presented in section 5. No applicable standards for tritium in pore vapor are available, and the screening analysis described above does not apply to tritium.

4.0 FIELD-SCREENING RESULTS

Field screening for the third quarter of FY2011 was conducted using a MultiRAE IR Multi-Gas Monitor equipped with a PID to measure $\%CO_2$, $\%O_2$, and VOC concentrations in parts per million. Before each port was sampled, it was purged of stagnant air to ensure formation air was being collected. Each sampling port was then monitored until CO_2 and O_2 readings stabilized at levels representative of subsurface pore-gas conditions. Tables of all field-screening results obtained during the fourth quarter FY2010 and the first, second, and third quarters FY2011 sampling events at MDA L are provided in Appendix D and sorted by vapor-monitoring well ID and depth. The CO_2, O_2, and PID field-screening methods and results are discussed further in Appendix B.

5.0 ANALYTICAL DATA RESULTS

All vapor analytical sampling data presented in this report are available at the Risk Analysis, Communication, Evaluation, and Reduction (RACER) website (http://www.racernm.com/). Samples were submitted to off-site analytical laboratories in SUMMA canisters for VOC analysis using EPA Method TO-15 and in silica-gel columns for tritium analysis using EPA Method 906. The VOC pore-gas sampling results, VOC screening evaluation, and tritium sampling results are discussed below.

5.1 VOC Results and Screening Evaluation

VOC results from the third quarter of FY2011 and the previous three vapor-monitoring quarters are summarized in tables and are provided in Appendix D. Plate 1 shows VOCs detected by vapor-monitoring well location during the third quarter of FY2011 sampling. Data associated with the previous three monitoring quarters (fourth quarter of FY2010 and first and second quarter of FY2011) are included for comparison purposes only.

A total of 29 VOCs were detected in MDA L pore gas during the third quarter of FY2011, and the results are generally similar to previous sampling results. The VOCs consistently detected each quarter and at most locations include carbon tetrachloride; chloroform; dichlorodifluoromethane; 1,1-dichloroethane; 1,2-dichloroethane; 1,1-dichloroethene; 1,2-dichloropropane; methylene chloride; tetrachloroethene (PCE); 1,1,2-trichloro-1,2,2-trifluoroethane; 1,1,1-trichloroethane (TCA); trichloroethene (TCE); and trichlorofluoromethane. All VOC concentrations decrease with depth to total depth (TD) in the deeper ports sampled (332.5 ft bgs in 54-27641, 338 ft bgs in 54-27642, and 354 ft bgs in 54-27643).

The screening evaluation included the 29 detected VOCs in MDA L samples for which there are MCLs, NMWQCC standards, NMED tap water SLs, or EPA regional tap water SLs (Table 3.0-1). Ethanol, propylene, and tetrahydrofuran were detected but do not have MCLs, NMWQCC standards, or tap water SLs and were not evaluated.

The results of the VOC screening evaluation are presented in Table 5.1-1 and discussed below. Fourteen detected VOCs had SVs greater than 1.

- 1,2-Dichloroethane was detected in 71 of 85 samples. An SV greater than 1 was observed in 60 samples. The maximum SV calculated was 1500 in vapor-monitoring well 54-02016 at 82 ft bgs.

- 1,4-Dioxane was detected in 1 of 84 samples. All other samples were nondetects. An SV greater than 1 was observed in one sample. The maximum SV calculated was 507 in vapor-monitoring well 54-24241 at 73 ft bgs.
- TCE was detected in 84 of 85 samples. An SV greater than 1 was observed in 80 samples. The maximum SV calculated was 430 in vapor-monitoring well 54-27641 at 32 ft bgs.
- 1,2-Dichloropropane was detected in 74 of 85 samples. An SV greater than 1 was observed in 56 samples. The maximum SV calculated was 350 in vapor-monitoring well 54-24238 at 64 ft bgs.
- Methylene chloride was detected in 57 of 85 samples. An SV greater than 1 was observed in 42 samples. The maximum SV calculated was 122 in vapor-monitoring well 54-24238 at 64 ft bgs.
- PCE was detected in 84 of 85 samples. An SV greater than 1 was observed in 61 samples. The maximum SV calculated was 114 in vapor-monitoring well 54-24242 at 25 ft bgs.
- TCA was detected in 85 of 85 samples. An SV greater than 1 was observed in 69 samples. The maximum SV calculated was 54.4 in vapor-monitoring well 54-02089 at 46 ft bgs.
- 1,1-Dichloroethene was detected in 84 of 85 samples. An SV greater than 1 was observed in 54 samples. The maximum SV calculated was 9.27 in vapor-monitoring well 54-27642 at 175 ft bgs.
- 1,1-Dichloroethane was detected in 81 of 85 samples. An SV greater than 1 was observed in 41 samples. The maximum SV calculated was 9.04 in vapor-monitoring well 54-02089 at 46 ft bgs.
- Chloroform was detected in 81 of 85 samples. An SV greater than 1 was observed in 21 samples. The maximum SV calculated was 8 in vapor-monitoring well 54-27642 at 30 ft bgs.
- 1,1,2-Trichloroethane was detected in 1 of 85 samples. All other samples were nondetects. An SV greater than 1 was observed in one sample. The maximum SV calculated was 7.65 in vapor-monitoring well 54-02089 at 31 ft bgs.
- Benzene was detected in 30 of 85 samples. An SV greater than 1 was observed in 12 samples. The maximum SV calculated was 2.63 in vapor-monitoring well 54-27642 at 175 ft bgs.
- Carbon tetrachloride was detected in 69 of 85 samples. An SV greater than 1 was observed in two samples. The maximum SV calculated was 1.29 in vapor-monitoring well 54-02089 at 46 ft bgs.
- 1-Butanol was detected in 1 of 85 samples. All other samples were nondetects. An SV greater than 1 was observed in one sample. The maximum SV calculated was 1.28 in vapor-monitoring well 54-24242 at 25 ft bgs.

SVs calculated during the third quarter of FY2011 were generally similar to SVs presented in previous quarterly PMRs. VOCs with SVs greater than 1 decrease in concentration with depth in the deeper ports sampled (332.5 ft bgs in 54-27641, 338 ft bgs in 54-27642, and 354 ft bgs in 54-27643).

5.2 Tritium Results

Tritium results from the third quarter of FY2011 and previous three vapor-monitoring quarters are summarized in tables and provided on CD in Appendix D. Plate 2 shows tritium detected during the latest sampling quarter by vapor-monitoring well location. Tritium activities detected during the second quarter

of FY2011 are similar to activities reported during previous sampling events. The maximum tritium activity reported was 268,000 pCi/L in vapor-monitoring well 54-24243 at 75 ft bgs.

6.0 SUMMARY

The objectives of the MDA L vapor-monitoring activities are to (1) collect additional vapor samples from vapor-monitoring wells at MDA L and (2) compare sampling results with previously detected VOC concentrations and tritium activities in pore gas beneath and surrounding MDA L. The results of the most recent vapor-monitoring activities are similar to results reported during previous vapor-monitoring activities.

- A total of 29 VOCs were detected in the pore gas beneath MDA L. Thirteen of the 29 VOCs are consistently detected each quarter and at most locations at MDA L. VOC concentrations decrease with depth to TD in the deeper ports sampled (332.5 ft bgs in 54-27641, 338 ft bgs in 54-27642, and 354 ft bgs in 54-27643).
- Fourteen detected VOCs had SVs greater than 1. Similar to previously reported data, the maximum SV calculated was for 1,2-dichlorothane. No regulatory criteria exist for pore gas; therefore, the screening evaluation is a conservative comparison with groundwater SLs to help evaluate any potential for groundwater contamination by VOCs.
- Tritium was detected in the pore vapor beneath MDA L. The results are similar to previous sampling results.

7.0 REFERENCES AND MAP DATA SOURCES

7.1 References

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID. This information is also included in text citations. ER IDs are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

Koch, R.J., and S. Schmeer, March 2010. "Groundwater Level Status Report for 2009, Los Alamos National Laboratory," Los Alamos National Laboratory report LA-14416-PR, Los Alamos, New Mexico. (Koch and Schmeer 2010, 108926)

LANL (Los Alamos National Laboratory), October 2007. "Interim Subsurface Vapor-Monitoring Plan for Material Disposal Area L at Technical Area 54, Revision 1," Los Alamos National Laboratory document LA-UR-07-7040, Los Alamos, New Mexico. (LANL 2007, 099372)

LANL (Los Alamos National Laboratory), October 2010. "Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Third Quarter Fiscal Year 2010," Los Alamos National Laboratory document LA-UR-10-6714, Los Alamos, New Mexico. (LANL 2010, 110866)

LANL (Los Alamos National Laboratory), October 2010. "Corrective Measures Evaluation Report for Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Revision 1," Los Alamos National Laboratory document LA-UR-10-6506, Los Alamos, New Mexico. (LANL 2010, 110852)

LANL (Los Alamos National Laboratory), January 2011. "Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Fourth Quarter Fiscal Year 2010," Los Alamos National Laboratory document LA-UR-10-8098, Los Alamos, New Mexico. (LANL 2011, 111587)

LANL (Los Alamos National Laboratory), April 2011. "Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, First Quarter Fiscal Year 2011," Los Alamos National Laboratory document LA-UR-11-2084, Los Alamos, New Mexico. (LANL 2011, 202268)

LANL (Los Alamos National Laboratory), August 2011. "Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Second Quarter Fiscal Year 2011," Los Alamos National Laboratory document LA-UR-11-4246, Los Alamos, New Mexico. (LANL 2011, 204888)

McInroy, D., May 22, 2008. RE: Clarification NMED Letter Re: MDA L Subsurface V-M Plan Approval w/ Mods. E-mail message to D. Cobrain (NMED) and S. Paris (LANL) from D. McInroy (LANL), Los Alamos, New Mexico. (McInroy 2008, 104475)

NMED (New Mexico Environment Department), November 8, 2007. "Approval with Modifications for the Interim Subsurface Vapor-Monitoring Plan for Material Disposal Area (MDA) L, Solid Waste Management Unit 54-006, at Technical Area 54, Revision 1," New Mexico Environment Department letter to D. Gregory (DOE-LASO) and D. McInroy (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2007, 098999)

NMED (New Mexico Environment Department), September 16, 2009. "Notice of Approval for the Vapor-Monitoring Well Installation Work Plan for Material Disposal Area H, Solid Waste Management Unit 54-004, at Technical Area 54," New Mexico Environment Department letter to D. Gregory (DOE-LASO) and D. McInroy (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2009, 107653)

NMED (New Mexico Environment Department), December 2009. "Technical Background Document for Development of Soil Screening Levels, Revision 5.0," with revised Table A-1, New Mexico Environment Department, Hazardous Waste Bureau and Ground Water Quality Bureau Voluntary Remediation Program, Santa Fe, New Mexico. (NMED 2009, 108070)

7.2 Map Data Sources

Data sources used in original figures created for this report are described below and identified by legend title.

Legend Item/Type	Data Source
LANL boundary	LANL Areas Used and Occupied; Los Alamos National Laboratory, Site Planning & Project Initiation Group, Infrastructure Planning Office; 19 September 2007; as published 13 August 2010.
TA boundary	Technical Area Boundaries; Los Alamos National Laboratory, Site Planning & Project Initiation Group, Infrastructure Planning Office; September 2007; as published 13 August 2010.
ER projects	ER Project Locations; Los Alamos National Laboratory, ESH&Q Waste and Environmental Services Division, 2010-2E; 1:2,500 Scale Data; 04 October 2010.
MDAs	Materials Disposal Areas; Los Alamos National Laboratory, ENV Environmental Remediation and Surveillance Program; ER2004-0221; 1:2,500 Scale Data; 23 April 2004.
Paved parking	Paved Parking; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 29 November 2010.
Paved road	Paved Road Arcs; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 29 November 2010.
Dirt road	Dirt Road Arcs; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 29 November 2010.
Road centerlines	Road Centerlines; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 15 December 2005; as published 29 November 2010.
Structure	Structures; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 29 November 2010.
Contours	Hypsography, 10 and 100 Foot Contour Interval; Los Alamos National Laboratory, ENV Environmental Remediation and Surveillance Program; 1991.
Fence	Security and Industrial Fences and Gates; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 29 November 2010.
Drainage	Modeled Surface Drainage, 1991; Los Alamos National Laboratory, ENV Environmental Remediation and Surveillance Program, ER2002-0591; 1:24,000 Scale Data; Unknown publication date.

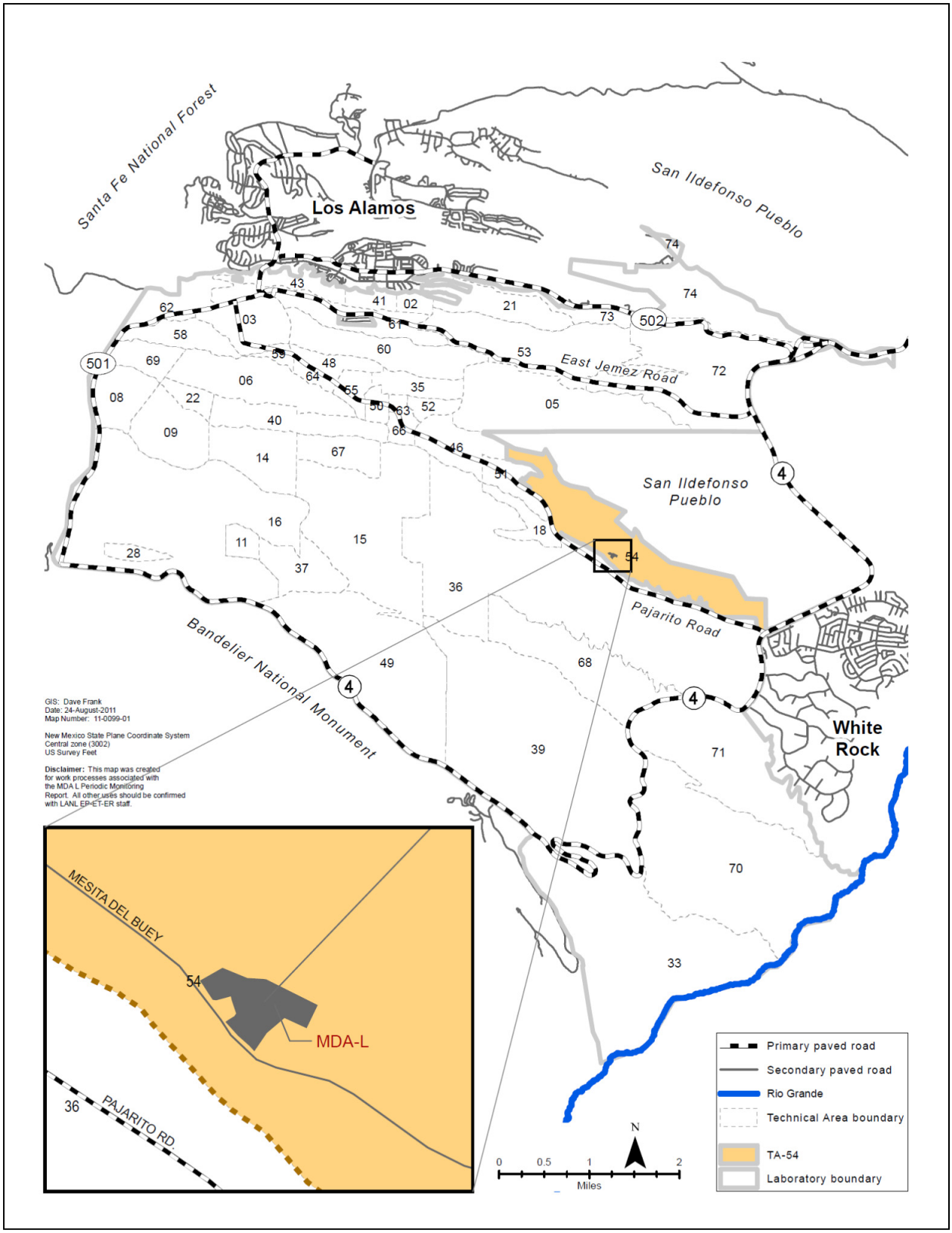

Figure 1.1-1 Location of MDA L in TA-54 with respect to Laboratory TAs and surrounding landholdings

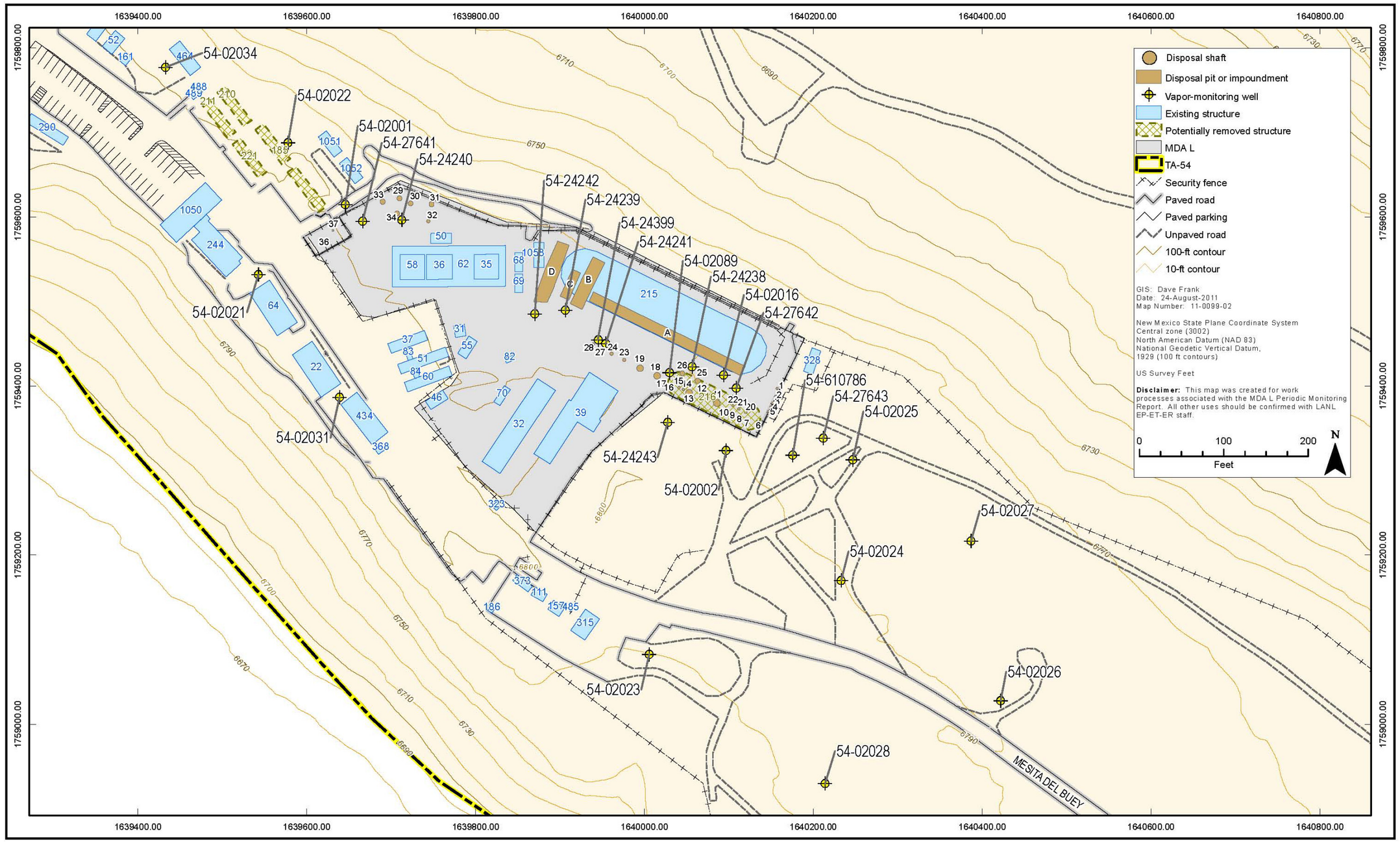

Figure 1.1-2 Locations of MDA L vapor-monitoring wells and associated structures and features

Table 2.0-1
NMED-Approved MDA L Subsurface Vapor-Monitoring Locations, Port Depths, and Corresponding Sampling Intervals

Vapor-Monitoring Well ID	VOC and Tritium Sampling Port-Depth Intervals (ft bgs)
54-01015[a]	37.6 (36–46), 165.4 (182–192), 308.3 (340–352), 333.3 (375–385), 377.7 (425–435), 426.5 (480–490), 462.1 (520–530)
54-01016[a]	30.8 (30–40), 162.2 (178–190), 274.7 (318–324), 336.3 (386–396), 414.3 (473–483), 459.5 (530–540), 517.6 (592–602)
54-02001	20 (17.5–22.5), **40 (37.5–42.5)**, 60 (57.5–62.5), **80 (77.5–82.5)**, 100 (97.5–102.5), **120 (117.5–122.5)**, **140 (137.5–142.5)**, 160 (157.5–162.5), 180 (177.5–182.5)[b], 200 (197.5–202.5)
54-02002	20 (17.5–22.5), **40 (37.5–42.5)**, 60 (57.5–62.5), 80 (77.5–82.5), **100 (97.5–102.5)**, **120 (117.5–122.5)**, 140 (137.5–142.5), 157 (154.5–159.5), **180 (177.5–182.5)**, 200 (197.5–202.5)
54-02016	18 (15.5–20.5)[b], **31 (28.5–33.5), 82 (79.5–84.5)**
54-02020	20 (10–30), 40 (30–50), 60 (50–70), 80 (70–90), 95 (90–110), 120 (110–130), 140 (130–150), 160 (150–170), 180 (170–190), 200 (190–210)
54-02021	**20 (10–30)**, 40 (30–50), 60 (50–70), 80 (70–90), **100 (90–110), 120 (110–130)**, **140 (130–150),** 160 (150–170), 180 (170–190), 198 (190–210)
54-02022	20 (17.5–22.5), **40 (37.5–42.5)**, 60 (57.5–62.5), **80 (77.5–82.5)**, 100 (97.5–102.5), **120 (117.5–122.5)**, **140 (137.5–142.5)**, 160 (157.5–162.5), 180 (177.5–182.5), 200 (197.5–202.5)
54-02023	20 (10–30), **40 (30–50)**, 60 (50–70)[b], 80 (70–90), **100 (90–110), 120 (110–130)**[b], 140 (130–149), **159 (149–169)**, 180 (170–190), 200 (190–210)
54-02024	20 (10–30), **40 (30–50)**, 60 (50–70), 80 (70–90), **100 (90–110)**, **120 (110–130)**[b], 140 (130–150), **160 (150–170)**, 180 (170–190), 200 (190–210)
54-02025	**20 (20)**, 60 (60), **100 (100)**, **160 (160)**, 190 (190)
54-02026	**20 (20)**, 60 (60), **100 (100)**, **160 (160)**, 200 (200), 215 (215)
54-02027	**20 (20)**, 60 (60), **100 (100)**, 160 (160), **200 (200)**, 220 (220), 250 (250)
54-02028	**20 (20)**, 60 (60), **100 (100)**, **160 (160)**, 200 (200), 220 (220), 250 (250)
54-02031	**20 (20)**, 60 (60), **100 (100)**, **160 (160)**, 200 (200), 220 (220), **260 (260)**
54-02034	**20 (20)**, **60 (60),**100 (100), **160 (160)**, 200 (200), 220 (220), **260 (260)**, **300 (300)**
54-02089	13 (13), **31 (31)**, **46 (46)**, 86 (86)
54-24238	44 (43–45), **64 (63–65)**, 84 (83–85)
54-24239	**25 (24–26)**, 50 (49–51), **75 (74–76)**, 99.5 (98.5–100.5)
54-24240	**28 (27–29)**, **53 (52–54)**, 78 (77–79), 103 (102–104), **128 (127–129)**, **153 (152–154)**
54-24241	**73 (71–74)**, 93 (92–94), **113 (112–114)**, **133 (132–134)**, 153 (152–154), 173 (172–174), 193 (192–194)
54-24242	**25 (24–26)**, **50 (49–51)**, 75 (74–76), 100 (99–101), 110.5 (109.5–111.5)

Table 2.0-1 (continued)

Vapor-Monitoring Well ID	VOC and Tritium Sampling Port-Depth Interval (ft bgs)
54-24243	**25 (24–26)**, 50 (49–51), **75 (74–76)**, 100 (99–101), **125 (124–126)**
54-24244	plugged and abandoned in January 2010, replaced by 54-610786
54-24399[c]	**550 (550–608)**[b]
54-27641	**32 (29.5–34.5)**, **82 (79.5–84.5)**, **115 (112.5–117.5)**, **182 (179.5–184.5)**, 232 (229.5–234.5), **271 (268.5–273.5)**, **332.5 (330–335)**
54-27642	**30 (27.5–32.5)**, **75 (71.5–76.5)**, **116 (114.5–119.5)**, **175 (172.5–177.5)**, 235 (232.5–237.5), **275 (272.5–277.5)**, **338 (335.5–340.5)**
54-27643	**30 (27.5–32.5)**, **74 (71.5–76.5)**, **117 (114.5–119.5)**, **167 (164.5–169.5)**, 235 (232.5–237.5), **275 (272.5–277.5)**, **354 (351.5–356.5)**
54-610786	**25 (22.5-27.5),** 50 (47.5-52.5), 75 (72.5-77.5), **100 (97.5-102.5), 118.5 (116-121)**

Notes: All depth intervals are to be field screened. Depths highlighted in bold denote intervals where VOC and tritium samples are to be collected.

[a] Vapor-monitoring well is angled. Port depth is depth below ground surface. Port-depth interval is length along borehole.

[b] Field screening not performed and/or sample not collected during third quarter of FY2011.

[c] Open borehole.

Table 3.0-1
Henry's Law Constants, Groundwater SLs, and Calculated Concentrations Corresponding to Groundwater SLs for Historically Detected VOCs in Pore Gas

VOC	Henry's Law Constant[a] (dimensionless)	Groundwater Screening Level (µg/L)	Calculated Concentrations in Pore Gas Corresponding to Groundwater Standard[b] (µg/m^3)
Acetone	0.0016	21,800[a]	34,900
Benzene	0.228	5[c]	1140
Butanol[1-]	0.00036[d]	3700[d]	1330
Carbon Disulfide	0.59	1040[a]	615,000
Carbon Tetrachloride	1.1	5[c]	5500
Chlorobenzene	0.13	100[c]	13,000
Chloroform	0.15	80[c]	15,000
Cyclohexane	6.1[d]	13,000[d]	79,300,000
Dichlorodifluoromethane	14	395[a]	5,520,000
Dichloroethane[1,1-]	0.23	25[e]	5750
Dichloroethane[1,2-]	0.048	5[c]	240
Dichloroethene[1,1-]	1.1	5[e]	5500
Dichloroethene[cis-1,2-]	0.17	70[c]	11,900
Dichloroethene[trans-1,2-]	0.38	100[c]	38,000
Dichloropropane[1,2-]	0.12	5[c]	600
Dioxane[1,4-]	0.0002	61.1[a]	12.2
Ethanol	na[f]	na	na
Ethylbenzene	0.323	700[c]	226,000
Ethyltoluene[4-]	na	na	na
Hexane	74	876[a]	64,800,000
Methyl tert-Butyl Ether	0.024	125[a]	2990
Methylene Chloride	0.13	5[c]	650
n-Heptane	na	na	na
Propylene	8[d]	na	na
Tetrachloroethene	0.72	5[c]	3600
Tetrahydrofuran	na	na	na
Toluene	0.272	750[e]	204,000
Trichloro-1,2,2-trifluoroethane[1,1,2-]	22	59,200[a]	1,300,000,000
Trichloroethane[1,1,1-]	0.705	60[e]	42300

Table 3.0-1 (continued)

VOC	Henry's Law Constant[a] (dimensionless)	Groundwater Screening Level (µg/L)	Calculated Concentrations in Pore Gas Corresponding to Groundwater Standard[b] (µg/m³)
Trichloroethane[1,1,2-]	0.034	5[c]	170
Trichloroethene	0.4	5[c]	2000
Trichlorofluoromethane	4	1290[a]	5,150,000
Trimethylbenzene[1,2,4-]	0.25[d]	15[d]	3750
Trimethylbenzene[1,3,5-]	0.36	370[d]	133,000
Vinyl Chloride	1.11	1[e]	1110
Xylene[1,2-]	0.213	620[e]	132,000
Xylene[1,3-]+Xylene[1,4-]	0.28	620[e]	174,000

[a] Henry's law constants and SLs from NMED (2009, 108070) unless otherwise noted.

[b] Derived from denominator of Equation 3.0-3.

[c] EPA MCL (40 Code of Federal Regulations 141.61).

[d] Henry's law constant s and SLs from EPA regional screening tables (http://www.epa.gov/region06/6pd/rcra_c/pd-n/screen.htm). Adjusted to 10^{-5} risk for carcinogens

[e] NMWQCC groundwater standard (20.6.2.3103 New Mexico Administrative Code).

[f] na = Not available.

Table 5.1-1
Screening of VOCs in Pore Gas at MDA L, Third Quarter of FY2011

VOCs	Maximum Pore-Gas Concentration (µg/m³)	Calculated Concentrations in Pore Gas Corresponding to Groundwater Standard (µg/m³)[a]	SV (unitless)[b]
Acetone	160	34,853	0.00459
Benzene	3,000	1140	**2.63**
Butanol[1-]	1700	1332	**1.28**
Carbon Tetrachloride	7100	5500	**1.29**
Chlorobenzene	1200	13,000	0.0923
Chloroform	120,000	15,000	**8**
Cyclohexane	39,000	79,300,000	0.000492
Dichlorodifluoromethane	42,000	5,524,324	0.0076
Dichloroethane[1,1-]	52,000	5750	**9.04**
Dichloroethane[1,2-]	360,000	240	**1500**
Dichloroethene[1,1-]	51,000	5500	**9.27**
Dichloroethene[trans-1,2-]	1300	38,000	0.0342
Dichloropropane[1,2-]	210,000	600	**350**
Dioxane[1,4-]	6200	12	**507**
Ethanol	5300	na[c]	na
Hexane	1600	64,824,000	0.0000247

Table 5.1-1 (continued)

VOCs	Maximum Pore-Gas Concentration (µg/m³)	Calculated Concentrations in Pore Gas Corresponding to Groundwater Standard (µg/m³)[a]	SV (unitless)[b]
Methyl tert-Butyl Ether	1000	2992	0.334
Methylene Chloride	79,000	650	**122**
Propylene	74	na	na
Tetrachloroethene	410,000	3600	**114**
Tetrahydrofuran	26,000	na	na
Toluene	11,000	204,000	0.0539
Trichloro-1,2,2-	1,900,000	1,302,162,162	0.00146
Trichloroethane[1,1,1-]	2,300,000	42,300	**54.4**
Trichloroethane[1,1,2-]	1300	170	**7.65**
Trichloroethene	860,000	2000	**430**
Trichlorofluoromethane	22,000	5,152,941	0.00427
Xylene[1,2-]	2300	132,060	0.0174
Xylene[1,3-]+Xylene[1,4-]	630	174,000	0.00362

[a] Derived from denominator of Equation 3.0-3.

[b] Calculated using equation 3.0-3. If the SV is less than 1, the concentration of the VOC in pore gas does not have the potential to exceed the groundwater Screening Level. Screening values greater than 1 are in bold.

[c] na = Not available.

Appendix A

Acronyms and Abbreviations, Metric Conversion Table, and Data Qualifier Definitions

A-1.0 ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
COC	chain of custody
DER	duplicate error ratio
EPA	Environmental Protection Agency (U.S.)
FY	fiscal year
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
MCL	maximum contaminant level
MDA	material disposal area
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PCE	tetrachloroethene
PID	photoionization detector
PMR	periodic monitoring report
QA	quality assurance
QC	quality control
RACER	Risk Analysis, Communication, Evaluation, and Reduction
RPD	relative percent difference
RPF	Records Processing Facility
SCL	sample collection log
SL	screening level
SMO	sample management office
SOP	standard operating procedure
SV	screening value
TA	technical area
TCA	trichloroethane(1,1,1-)
TCE	trichloroethene
TD	total depth
TPU	total propagated uncertainty
VOC	volatile organic compound

A-2.0 METRIC CONVERSION TABLE

Multiply SI (Metric) Unit	by	To Obtain U.S. Customary Unit
kilometers (km)	0.622	miles (mi)
kilometers (km)	3281	feet (ft)
meters (m)	3.281	feet (ft)
meters (m)	39.37	inches (in.)
centimeters (cm)	0.03281	feet (ft)
centimeters (cm)	0.394	inches (in.)
millimeters (mm)	0.0394	inches (in.)
micrometers or microns (µm)	0.0000394	inches (in.)
square kilometers (km^2)	0.3861	square miles (mi^2)
hectares (ha)	2.5	acres
square meters (m^2)	10.764	square feet (ft^2)
cubic meters (m^3)	35.31	cubic feet (ft^3)
kilograms (kg)	2.2046	pounds (lb)
grams (g)	0.0353	ounces (oz)
grams per cubic centimeter (g/cm^3)	62.422	pounds per cubic foot (lb/ft^3)
milligrams per kilogram (mg/kg)	1	parts per million (ppm)
micrograms per gram (µg/g)	1	parts per million (ppm)
liters (L)	0.26	gallons (gal.)
milligrams per liter (mg/L)	1	parts per million (ppm)
degrees Celsius (°C)	9/5 + 32	degrees Fahrenheit (°F)

A-3.0 DATA QUALIFIER DEFINITIONS

Data Qualifier	Definition
U	The analyte was analyzed for but not detected.
J	The analyte was positively identified, and the associated numerical value is estimated to be more uncertain than would normally be expected for that analysis.
J+	The analyte was positively identified, and the result is likely to be biased high.
J-	The analyte was positively identified, and the result is likely to be biased low.
UJ	The analyte was not positively identified in the sample, and the associated value is an estimate of the sample-specific detection or quantitation limit.
R	The data are rejected as a result of major problems with quality assurance/quality control parameters.

Appendix B

Field Methods

B-1.0 INTRODUCTION

This appendix summarizes the field methods used during the third quarter of fiscal year (FY) 2011 sampling activities at Material Disposal Area (MDA) L, Solid Waste Management Unit 54-006, in Technical Area 54 at Los Alamos National Laboratory (LANL or the Laboratory). All activities were conducted in accordance with the applicable standard operating procedures (SOPs), quality procedures, and Laboratory implementation and procedural requirements. Table B-1.0-1 summarizes the field methods used, and Table B-1.0-2 lists the applicable procedures.

B-2.0 FIELD METHODS

All work was conducted according to site-specific health and safety documents and an integrated work document. The field activities conducted according to SOPs are discussed below.

B-2.1 Pore-Gas Field Screening

All samples were field screened in accordance with the current version of SOP-5074, Sampling Subsurface Vapor. This procedure covers the use of the Brüel and Kjær Type 1302 multigas analyzer and the MultiRAE IR Multi-Gas Monitor. All field-screening results were recorded on the appropriate sample collection logs (SCLs) and/or in the field logbook and are provided in Attachment D-1 of Appendix D (on CD).

B-2.1.1 MultiRAE IR Multi-Gas Monitor

Before each sampling event, each sampling port was purged of stagnant air and then monitored with a MultiRAE IR Multi-Gas Monitor until the percent carbon dioxide (%CO_2) and percent oxygen (%O_2) levels stabilized at values representative of subsurface pore-gas conditions. In addition, volatile organic compound (VOC) concentrations were estimated in parts per million using the MultiRAE IR Multi-Gas Monitor equipped with an 11.7–electron volt lamp photoionization detector (PID). Each rented instrument was shipped factory-calibrated to the subcontractor, and the calibration was checked daily.

The MultiRAE IR Multi-Gas Monitor can also be calibrated using a two-point process using “fresh air” and a standard gas. The first point calibration is the fresh air calibration that determines the zero point of the calibration curve for lower explosive limit, VOC, and toxic gas sensors. The fresh air calibration uses air containing a 20.9% oxygen concentration and is void of toxic gases and other impurities. The standard gas calibration sets the second point of the sensor calibration curve. The CO, CO_2, and O_2 sensors are zeroed during this two-point calibration process.

Calibration information is reported below for the MultiRAE IR Multi-Gas Monitor used to generate results presented in this periodic monitoring report.

- Unit 2375 was calibrated on April 6, 2011, at Geotech Environmental Equipment, Inc., in Denver, Colorado. The zero points were set for CO_2 and O_2. Percent oxygen was set to read ambient air at 20.9%.

Oxygen values should be near the zero point for O_2. The CO_2 reading should be near zero. Readings deviating from the zero points for O_2 and CO_2 may be because of subsurface conditions or a need for calibration

The vapor-sample tubing was purged of stagnant air by drawing sufficient air from the sampling interval through the line. To ensure that the sample collected was representative of the subsurface air at depth, every sampling activity included a purge cycle.

The $\%CO_2$ and $\%O_2$ screening levels are presented in Appendix D. The third quarter of FY2011 $\%CO_2$ and $\%O_2$ levels ranged from 0% to 4.6% and from 16.2% to 20.9%, respectively. These values are within acceptable limits and are representative of subsurface pore-gas conditions.

VOC screening data using a PID are presented in Appendix D. The VOC concentrations using the PID ranged from 0 to 355 ppm during the third quarter of FY2011.

B-2.2 VOC Pore-Gas Sample Collection

All VOC samples were collected in accordance with the current version of SOP-5074, Sampling Subsurface Vapor.

Upon completion of purging and field screening, VOC samples were taken using a sample train setup along with a SUMMA canister. Information was recorded on the appropriate SCLs. Field chain-of-custody (COC) forms and SCLs are provided in Attachment D-1 of Appendix D (on CD).

All samples were submitted to the Sample Management Office (SMO) for processing and transport to off-site contract analytical laboratories.

B-2.3 Tritium Pore-Gas Sample Collection

All tritium samples were collected in accordance with the current version of SOP-5074 and were submitted to the SMO for processing and transport to off-site contract analytical laboratories. Water vapor intended for tritium analysis was collected from pore gas by pulling a pore-gas sample through a canister of silica gel (silica-gel column), and the sample information was recorded on the appropriate SCL in Attachment D-1 of Appendix D (on CD). Silica gel was the medium used at the Laboratory to collect moisture from pore-gas samples. The moisture was analyzed for tritium using liquid scintillation counting. Silica-gel column field duplicate samples were also collected at a frequency greater than or equal to 10% per sampling event in accordance with the current version of SOP-5059.

Silica gel was prepared for sampling by drying it at a temperature above 100°C. Drying removes moisture from the silica gel but does not remove bound water that is accounted for by measuring the bound water percentage in each batch of silica gel. Before sample collection, the amount of silica gel used in each sample was weighed (typically about 135 g). The sample canister with silica gel was also weighed before sampling. SOP-5074 requires that at least 5 g of moisture be collected. After sampling, the sample canister with silica gel was weighed again to verify that 5 g of water vapor had been collected.

The sample (canister plus silica gel) was shipped to the analytical laboratory where it was weighed again. The silica gel was emptied into a distillation apparatus and heated to 110°C, driving moisture off the silica gel. This moisture was collected and analyzed for tritium by liquid scintillation. The laboratory also weighed the empty canister and calculated the percent moisture of the sample, as the amount of moisture collected divided by the calculated weight of the wet silica gel. The value of the tritium activity and the calculated percent moisture were reported to the Laboratory in the analytical data package and the electronic data deliverable.

Table B-1.0-1
Summary of Field Methods

Method	Summary
General Instructions for Field Investigations	This procedure provides an overview of instructions regarding activities performed before, during, and after field investigations. It is assumed field investigations involve standard sampling equipment, personal protective equipment, waste management, and site-control equipment/materials. The procedure covers premobilization activities, mobilization to the site, documentation and sample collection activities, sample media evaluation, surveillance, and completion of lessons learned.
Sample Containers and Preservation	Specific requirements/processes for sample containers, preservation techniques, and holding times are based on the U.S. Environmental Protection Agency guidance for environmental sampling, preservation, and quality assurance. Specific requirements were met for each sample and were printed in the SCLs provided by the Laboratory's SMO (size and type of container, preservatives, etc.).
Handling, Packaging, and Transporting Field Samples	Field team members sealed and labeled samples before packing to ensure sample and transport containers were free of external contamination. All environmental samples were collected, preserved, packaged, and transported to the SMO under COC. The SMO arranged for shipping of the samples to analytical laboratories. Any levels of radioactivity (i.e., action-level or limited-quantity ranges) were documented in SCLs submitted to the SMO.
Sample Control and Field Documentation	The collection, screening, and transport of samples were documented in standard forms generated by the SMO. These forms include SCLs, COC forms, sample container labels, and custody seals. Collection logs were completed at the time of sample collection and were signed by the sampler and a reviewer who verified the logs for completeness and accuracy. Corresponding labels were initialed and applied to each sample container, and custody seals were placed around container lids or openings. COC forms were completed and signed to verify that the samples were not left unattended.
Field Quality Control Samples	Field quality control samples were collected as follows: Field duplicates were collected at a frequency of 10% and at the same time as a regular sample and submitted for the same analyses. Field blanks required for all field events that include collecting samples for VOC analyses were collected. Field blanks were kept with the other sample containers during the sampling process and were submitted for laboratory analyses.
Sampling Subsurface Vapor	Vapor sampling was performed at twenty-four monitoring wells in accordance with the current version of SOP-5074, and samples were analyzed for VOCs and tritium. This SOP describes the process of sampling subsurface air from vapor ports in monitoring wells and boreholes. The procedure covers presampling activities, sampling to detect and quantify gaseous organic concentration in air, SUMMA sampling (a passive collection and containment system of laboratory-quality air samples), adsorbent column sampling, and sampling through the packer system (a sampling system that uses inflatable bladders to seal off a desired interval in an open borehole or at the end of a drill casing to obtain a sample from a discrete section), and postsampling activities.

Table B-1.0-2
List of Applicable General Procedures for MDA L Pore-Gas Monitoring Activities

Document Number	LANL Procedure Title
SOP-5055	General Instructions for Field Investigations
SOP-5056	Sample Containers and Preservation
SOP-5057	Handling, Packaging, and Transporting Field Samples
WES-EDA-QP-219	Sample Control and Field Documentation
SOP-5059	Field Quality Control Samples
SOP-5061	Field Decontamination of Equipment
SOP-5074	Sampling Subsurface Vapor
P 101-6	Personal Protective Equipment
SOP-01.12	Field Site Closeout Checklist
SOP-01.13	Initiating and Managing Data Set Requests
SOP-5181	Notebook and Logbook Documentation for Environmental Directorate Technical and Field Activities
SOP-5228	ADEP* Reporting Requirements for Abnormal Events
SOP-5269	Chain-of-Custody for Analytic Data Record Packages

*ADEP = Environmental Programs Directorate.

Appendix C

Quality Assurance/Quality Control Program

C-1.0 INTRODUCTION

This appendix presents the analytical methods and summarizes the data quality review for the third quarter of fiscal year (FY) 2011 pore-gas samples collected at Material Disposal Area (MDA) L, Solid Waste Management Unit 54-006, in Technical Area 54, at Los Alamos National Laboratory (LANL or the Laboratory).

Quality assurance (QA), quality control (QC), and data validation procedures were implemented in accordance with the Laboratory's "Quality Assurance Project Plan Requirements for Sampling and Analysis" (LANL 1996, 054609) and the Laboratory's scope of work for analytical services (LANL 2008, 109962). The results of the QA/QC activities were used to estimate the accuracy, bias, and precision of the analytical measurements. QC samples, including method blanks, blank spikes, matrix spikes, laboratory control samples (LCSs), internal standards, initial and continuing calibrations, and surrogates, were used to assess laboratory accuracy and bias.

The type and frequency of QC analyses are described in the analytical services scope of work (LANL 2008, 109962). Other QC factors, such as sample preservation and holding times, were also assessed. The requirements for sample preservation and holding times are presented in Standard Operating Procedure (SOP) 5056, Sample Containers and Preservation. Evaluating these QC indicators allows estimates to be made of the accuracy, bias, and precision of the analytical suites. A focused data validation was also performed for all the data packages (identified by request number) that included a more detailed review of the raw data. The SOPs used for data validation are presented in Table C-1.0-1. Copies of the analytical data, laboratory logbooks, and instrument printouts are provided in Attachment D-1 of Appendix D (on CD).

Analytical data were reviewed and evaluated based on U.S. Environmental Protection Agency (EPA) National Functional Guidelines for organic and inorganic chemical data review where applicable (EPA 1994, 048639; EPA 1999, 066649). Data have also been assessed using guidelines established in Method SW-846 (EPA 1997, 057589). As a result of the data validation and assessment efforts, qualifiers have been assigned to the appropriate analytical records. Definitions of the data qualifiers are presented in Appendix A.

C-1.1 Maintenance of Chain of Custody

To maintain chain-of-custody is to document or demonstrate the possession of an item by only authorized individuals. The chain of custody process, described in SOP-5269, Chain of Custody for Analytical Data Record Packages, provides confidence in, and documentation of, analytical data integrity by establishing the traceability of the sample from the time of collection through processing to final maintenance as a record. The chain-of-custody forms are provided in Attachment D-1 of Appendix D (on CD).

C-1.2 Sample Documentation

Establishing sample documentation acceptability, as described in WES-EDA-QP-219, Sample Control and Field Documentation, is the first step toward verifying that an analytical system has produced data of known quality. Documentation depends on the accessibility of review items that accurately and completely describe the work performed. In the absence of adequate sample documentation, data quality cannot be independently verified.

C-1.3 Sample Preservation

Sample preservation is the use of specific types of sample containers and preservation techniques, as described in SOP-5056. Sample preservation is mandatory for hazardous site investigations because the integrity of any sample decreases over time. Physical factors (e.g., light, pressure, or temperature), chemical factors (e.g., changes in pH or volatilization), and biological factors may alter the original quality of a sample. Because the various target parameters are uniquely altered at varying rates, distinct sample containers, preservation techniques, and holding times have been established to maintain sample integrity for a reasonable and acceptable period of time.

C-1.4 Holding Time

Holding time, the maximum amount of time a sample can be stored without potential unacceptable changes in analyte concentrations, is described in SOP-5056. Extraction holding time refers to the time that elapses between sample collection and sample preparation; analytical holding time refers to the time that elapses between sample preparation and analysis.

C-1.5 Initial and Continuing Calibration Verification (Including Interference-Check Standards)

Calibration verification establishes a quantitative relationship between the response of the analytical procedure and the concentration of the target analyte. There are two aspects of calibration verification: initial and continuing. The initial calibration verifies the accuracy of the calibration curve and the individual calibration standards being used to perform the calibration. The continuing calibration ensures that the initial calibration is still holding and correct as the instrument is used to process samples. Interference-check samples are used to determine if a high concentration of a single analyte in a sample interferes with the accurate quantitation of other analytes.

C-1.6 Analyte Identification (Including Spectra Review and Thermal Ionization Cavity Review)

Analyte identification is the process of associating an instrument signal with a compound or analyte of interest. Evaluation of signal retention times, spectral overlap, multipeak pattern matching, and mass spectral library searches are tools for making analyte identification determinations.

C-1.7 Analyte Quantitation

Analyte quantitation is the association of an instrument signal with a concentration and the determination that a recorded signal is detected or not detected. Detection limits, instrument calibration linear ranges, internal standards, and carrier recoveries are tools for making analyte quantitation evaluations.

Organic chemical results are not detected if reported results are less than or equal to the method detection limit adjusted by sample-specific dilution or concentration factors.

Tritium results reported at less than the minimum detectable concentration are not detected. Each tritium result is also compared with the corresponding 1-sigma total propagated uncertainty (TPU). If the result is not greater than 3 times the TPU, it is also qualified as not detected (U).

C-1.8 Method Blank

A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as those used in the environmental sample processing and is extracted and analyzed in the

same manner as the corresponding environmental samples. Method blanks are used to assess the potential for sample contamination during extraction and analysis. All target analytes should be below the contract-required detection limit in the method blank (LANL 2008, 109962).

C-1.9 Matrix Spike Recoveries

A matrix spike is an aliquot of a sample spiked with a known concentration of the target analyte(s). Matrix spike samples are used to measure the ability to recover prescribed analytes from a native sample matrix. Spiking typically occurs before sample preparation and analysis. Acceptable percentage recoveries for matrix spikes vary by method, but should generally be greater than 10% for an analytical result to be usable (LANL 2008, 109962).

C-1.10 Surrogate

Surrogates (an organic chemical compound) are similar in composition and behavior to target analytes but are not typically found in environmental samples. Surrogates are added to every blank, sample, and spike to evaluate the efficiency with which target analytes are recovered during extraction and analysis. The recovery percentages of the surrogates vary by method, but should generally be greater than 10% for an analytical result to be usable (LANL 2008, 109962).

C-1.11 Internal Standard Responses and Carrier Recoveries

Internal standards are chemical compounds added to blank, sample, and standard extracts at known concentrations. They are used to compensate for (1) analyte concentration changes that might occur during storage of the extract and (2) quantitation variations that can occur during analysis. Internal standard responses are used to adjust the reported concentrations for the quantitation of target analytes. The response factors for internal standards vary by method, but should generally be within the range of $\geq$50% to $\leq$200% (LANL 2008, 109962).

C-1.12 LCS Recoveries

An LCS is a known matrix that has been spiked with compound(s) representative of the target analytes. The LCS is used to document laboratory performance. The acceptance criteria for LCSs are method-specific, but should generally be greater than 10% for an analytical result to be usable (LANL 2008, 109962).

C-1.13 Laboratory and Field Duplicates (Including Serial Dilutions)

Laboratory duplicates are two portions of a sample taken from the same sample container (prepared for analysis and analyzed independently but under identical conditions) that are used to assess or demonstrate acceptable laboratory-method precision at the time of analysis. For radionuclide laboratory duplicates, the duplicate error ratio (DER) is also used to quantify precision. The DER is defined by the equation $DER = |S - D|/sqrt [(2\sigma_S)^2 + (2\sigma_D)^2]$, where S represents the original sample value, D represents the duplicate value, and $2\sigma_S$ and $2\sigma_D$ represent the 2-sigma uncertainties surrounding the original and duplicate samples, respectively. A DER below 3 indicates sample-to-field duplicate precision that is in control.

Field duplicates are samples taken as close as possible to the same time and from the same location. They are analyzed as two separate samples at the laboratory. Each duplicate sample is equally representative of the original material. All relative percent differences (RPDs) between samples and field duplicates should be ±35% (LANL 2008, 109962). The RPD is defined by the equation

RPD = [|D1 – D2|/(D1 +D2)/2] × 100%, where D1 and D2 represent analytical measurements on duplicate samples. Field duplicates are collected for both volatile organic compound (VOC) and radionuclide analytes.

The field duplicate samples were collected at a frequency greater than or equal to 10% per sampling event in accordance with the current version of SOP-5059, Field Quality Control Samples.

C-1.14 Field Blanks, Equipment Blanks, and Performance Evaluations

A field blank is a sample of analyte-free medium taken to the sampling site and exposed to the atmosphere during sample-collection activities. Field blanks are used to measure contamination introduced during sample collection. The field blank samples were collected at a frequency greater than or equal to 10% per sampling event in accordance with the current version of SOP-5059, Field Quality Control Samples.

An equipment blank is a sample used to verify cleanliness of the sampling equipment. It is collected after completion of decontamination and before sampling.

A performance evaluation is a sample of the field-screening instrument (Brüel and Kjær) operational check gas. The operational check gas consists of known quantities of mixed organic analytes in nitrogen.

C-2.0 LABORATORY ANALYSIS SUMMARY

During the third quarter of FY2011, 85 VOC pore-gas samples, 10 field blank samples, and 10 field duplicate samples were collected at MDA L. Additionally, 85 tritium samples, 10 field blank samples, and 9 field duplicate samples were collected. Analysis of pore gas was conducted for VOCs using EPA Method TO-15, and analysis for tritium was conducted using EPA Method 906.0. Table C-2.0-1 lists the analytical methods used for VOC and tritium analyses. All QC procedures were followed, as required by the analytical services scope of work (LANL 2008, 109962).

Sampling locations, sampling ports, and validated analytical results for VOCs and tritium are presented in Appendix D of this periodic monitoring report. The entire data set meets the standards for use in this report.

The tritium and VOC analyses are summarized in the following sections. The required minimum detectable concentration or estimated quantitation limit is prescribed in the analytical services scope of work (LANL 2008, 109962).

C-3.0 ORGANIC CHEMICAL ANALYSES

No VOC data were rejected during the third quarter of FY2011. Chain of custody, field documentation, and holding times were properly maintained for all samples. No sample preservation is required for VOCs. Analyte identification criteria were met for all VOC results. Method blanks, surrogate recoveries, and internal standards responses were all within acceptable limits. The data qualifiers are defined in Appendix A.

One VOC result was qualified as U because the sample result was less than or equal to 5 times the concentration of the related analyte in the trip blank, rinsate blank, or equipment blank, which indicates the reported detection is considered indistinguishable from contamination in the blank.

A total of 38 VOC results were qualified as UJ because the LCS percent recovery was less than the lower acceptance limit but greater than 10%.

A total of 119 results were qualified as UJ because the affected analytes were analyzed with an initial calibration curve that exceeded the percent relative standard deviation criteria, and/or the associated multipoint calibration correlation coefficient is less than 0.995.

A total of 137 results were qualified as UJ because the initial calibration verification and/or continuous calibration verification were recovered outside the method-specific limits.

Twelve field duplicates and their associated analytical samples had RPDs >35%. Table C-3.0-1 summarizes samples containing RPDs >35%.

Twenty field blanks had detectable levels of VOCs. The maximum concentration detected in a field blank was 1,1,1-trichloroethane at 110 µg/m^3 in vapor-monitoring well 54-24243.

C-4.0 RADIONUCLIDE ANALYSES

No tritium results were rejected during the third quarter of FY2011. Chain of custody, field documentation, and holding times were properly maintained for all samples. No sample preservation is required for tritium. The LCS recoveries were within acceptable limits for all tritium analyses.

Thirty-one results were qualified as U because the associated sample concentration was less than or equal to the minimum detectable activity.

One field duplicate and its associated analytical sample had an RPD >35%. Table C-4.0-1 summarizes samples containing RPDs >35%.

Two field blanks had detectable levels of tritium. The maximum activity detected in a field blank was 860 pCi/L in vapor-monitoring well 54-02001.

C-6.0 REFERENCES

The following list includes all documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ER ID. This information is also included in text citations. ER IDs are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

EPA (U.S. Environmental Protection Agency), February 1994. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review," EPA-540/R-94/013, Office of Emergency and Remedial Response, Washington, D.C. (EPA 1994, 048639)

EPA (U.S. Environmental Protection Agency), 1997. "Test Methods for Evaluating Solid Waste, Laboratory Manual, Physical/Chemical Methods," SW-846, 3rd ed., Update III, Office of Solid Waste and Emergency Response, Washington, D.C. (EPA 1997, 057589)

EPA (U.S. Environmental Protection Agency), October 1999. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," EPA540/R-99/008, Office of Emergency and Remedial Response, Washington, D.C. (EPA 1999, 066649)

LANL (Los Alamos National Laboratory), March 1996. "Quality Assurance Project Plan Requirements for Sampling and Analysis," Los Alamos National Laboratory document LA-UR-96-441, Los Alamos, New Mexico. (LANL 1996, 054609)

LANL (Los Alamos National Laboratory), June 30, 2008. "Exhibit 'D' Scope of Work and Technical Specifications, Analytical Laboratory Services for General Inorganic, Organic, Radiochemical, Asbestos, Low-Level Tritium, Particle Analysis, Bioassay, Dissolved Organic Carbon Fractionation, and PCB Congeners," Los Alamos National Laboratory document RFP No. 63639-RFP-08, Los Alamos, New Mexico. (LANL 2008, 109962)

Table C-1.0-1
Data Validation Procedures

Procedure	Title	Effective Date
SOP-5161, R0	Routine Validation of Volatile Organic Compound (VOC) Analytical Data	6/10/2008
SOP-5166, R0	Routine Validation of Gamma Spectroscopy, Chemical Separation Alpha Spectrometry, Gas Proportional Counting, and Liquid Scintillation Analytical Data	6/30/2008

Table C-2.0-1
Analytical Methods Used for Sample Analyses

Analytical Method	Analytical Description	Target Compound List
EPA Method TO-15	VOCs in pore gas	See analytical services scope of work (LANL 2008, 109962)
EPA Method 906.0	Tritium in pore gas	Tritium

Table C-3.0-1
VOC Sample Record with Field Duplicate Percent Difference above 35%

Vapor-Monitoring Well ID	Depth (ft)	Analyte	Sample Standard Result (µg/m^3)	Field Duplicate Result (µg/m^3)	RPD (%)
54-02016	31	Carbon Tetrachloride	2000	860	79.7
54-02016	31	Chloroform	16000	6700	81.9
54-02016	31	Dichlorodifluoromethane	8600	3600	82.0
54-02016	31	Dichloroethane[1,1-]	17000	7000	83.3
54-02016	31	Dichloroethane[1,2-]	200000	78000	87.8
54-02016	31	Dichloroethene[1,1-]	22000	8600	87.6
54-02016	31	Dichloropropane[1,2-]	26000	11000	81.1
54-02016	31	Tetrachloroethene	25000	12000	70.3
54-02016	31	Trichloro-1,2,2-trifluoroethane[1,1,2-]	970000	400000	83.2
54-02016	31	Trichloroethane[1,1,1-]	770000	320000	82.6
54-02016	31	Trichloroethene	250000	100000	85.7
54-02016	31	Trichlorofluoromethane	4900	2000	84.1

Table C-4.0-1
Tritium Sample Record with Field Duplicate Percent Difference above 35%

Vapor-Monitoring Well ID	Depth (ft)	Sample Standard Result (pCi/L)	Field Duplicate Result (pCi/L)	RPD
54-02001	40	1809	445	121%

Appendix D

Field-Screening Results and
Detected Volatile Organic Compounds and Tritium

D-1.0 INTRODUCTION

This appendix summarizes the field-screening results as well as detected volatile organic compound (VOC) concentrations and tritium activities for the third quarter of fiscal year (FY) 2011 at Material Disposal Area (MDA) L. The tables listed below are included in this appendix and are organized by vapor-monitoring well ID and depth.

- Table D-1.0-1, Field-Screening Results Using a MultiRAE IR Multi-Gas Monitor at MDA L
- Table D-1.0-2, Summary of VOCs Detected in Pore-Gas Samples at MDA L, in µg/m^3
- Table D-1.0-3, Summary of VOCs Detected in Pore-Gas Samples at MDA L, in ppbv
- Table D-1.0-4, Summary of Tritium Results at MDA L

Data qualifiers used in these tables are defined in Appendix A of this periodic monitoring report.

Attachment D-1 (on CD included with this document) presents the analytical suites and results and analytical reports for the current and previous three monitoring periods.

Table D-1.0-1
Field-Screening Results Using a MultiRAE IR Multi-Gas Monitor at MDA L

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-01015	Ambient	Ambient	CO_2 (%)	08/19/10	0	12/07/10	0.03	02/14/11	0.05	04/26/11	0.0
			O_2 (%)	08/19/10	18.8	12/07/10	20.9	02/14/11	20.9	04/26/11	20.9
			PID[c] (ppm)	NS[d]	NS	12/07/10	0	02/14/11	0	04/26/11	0.0
	36	46	CO_2 (%)	08/19/10	0.1	12/07/10	0.1	02/14/11	0.08	04/26/11	0.19
			O_2 (%)	08/19/10	18.9	12/07/10	20.9	02/14/11	20.9	04/26/11	20.9
			PID (ppm)	NS	NS	12/07/10	0	02/14/11	0	04/26/11	0.6
	182	192	CO_2 (%)	08/19/10	0.2	12/07/10	0.15	02/14/11	0.05	04/26/11	0.29
			O_2 (%)	08/19/10	18.9	12/07/10	20.9	02/14/11	20.9	04/26/11	20.9
			PID (ppm)	NS	NS	12/07/10	3	02/14/11	0	04/26/11	2.6
	340	352	CO_2 (%)	08/19/10	0.1	12/07/10	0.05	02/14/11	0.1	04/26/11	0.03
			O_2 (%)	08/19/10	18.3	12/07/10	20.9	02/14/11	20.9	04/26/11	20.1
			PID (ppm)	NS	NS	12/07/10	0	02/14/11	0	04/26/11	0.0
	375	385	CO_2 (%)	08/19/10	0	12/07/10	0.05	02/14/11	0.05	04/26/11	0.04
			O_2 (%)	08/19/10	18.2	12/07/10	20.9	02/14/11	20.9	04/26/11	20.1
			PID (ppm)	NS	NS	12/07/10	0	02/14/11	0	04/26/11	0.0
	425	435	CO_2 (%)	08/19/10	0	12/07/10	0.05	02/14/11	0.05	04/26/11	0.05
			O_2 (%)	08/19/10	18.3	12/07/10	20.9	02/14/11	20.9	04/26/11	20.1
			PID (ppm)	NS	NS	12/07/10	0	02/14/11	0	04/26/11	0.0
	480	490	CO_2 (%)	08/19/10	0	12/07/10	0.05	02/14/11	0.05	04/26/11	0.04
			O_2 (%)	08/19/10	18.5	12/07/10	20.9	02/14/11	20.9	04/26/11	20.2
			PID (ppm)	NS	NS	12/07/10	0	02/14/11	0	04/26/11	0.0
	520	530	CO_2 (%)	08/19/10	0	12/07/10	0.04	02/14/11	0.06	04/26/11	0.01
			O_2 (%)	08/19/10	18.5	12/07/10	20.9	02/14/11	20.9	04/26/11	20.2
			PID (ppm)	NS	NS	12/07/10	0	02/14/11	0	04/26/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-01016	Ambient	Ambient	CO_2 (%)	08/24/10	0	12/07/10	0.03	02/15/11	0.05	05/04/11	0
			O_2 (%)	08/24/10	19.5	12/07/10	20.9	02/15/11	20.9	05/04/11	20.9
			PID (ppm)	NS	NS	12/07/10	0	02/15/11	0	05/04/11	0
	30	40	CO_2 (%)	08/24/10	0	12/07/10	0.25	02/15/11	0.23	05/04/11	0.13
			O_2 (%)	08/24/10	19.2	12/07/10	20.4	02/15/11	20.9	05/04/11	20.4
			PID (ppm)	NS	NS	12/07/10	6.1	02/15/11	1	05/04/11	0
	178	190	CO_2 (%)	08/24/10	0.2	12/07/10	0.05	02/15/11	0.05	05/04/11	0
			O_2 (%)	08/24/10	18.8	12/07/10	20.9	02/15/11	20.9	05/04/11	20.9
			PID (ppm)	NS	NS	12/07/10	0	02/15/11	NS	05/04/11	0
	318	324	CO_2 (%)	08/24/10	0	12/07/10	0.04	02/15/11	0.06	05/04/11	0
			O_2 (%)	08/24/10	18.8	12/07/10	20.9	02/15/11	20.9	05/04/11	20.4
			PID (ppm)	NS	NS	12/07/10	0	02/15/11	0	05/04/11	0
	386	396	CO_2 (%)	08/24/10	0	12/07/10	0.11	02/15/11	0.14	05/04/11	0.04
			O_2 (%)	08/24/10	19.2	12/07/10	20.9	02/15/11	20.9	05/04/11	20
			PID (ppm)	NS	NS	12/07/10	0	02/15/11	0	05/04/11	0
	473	483	CO_2 (%)	08/24/10	NS[e]	12/07/10	0.05	02/15/11	0.05	05/04/11	0
			O_2 (%)	08/24/10	NS[e]	12/07/10	20.9	02/15/11	20.9	05/04/11	20.3
			PID (ppm)	NS	NS	12/07/10	0	02/15/11	0	05/04/11	0.4
	530	540	CO_2 (%)	08/24/10	NS[e]	12/07/10	0.04	02/15/11	0.06	05/04/11	0
			O_2 (%)	08/24/10	NS[e]	12/07/10	20.9	02/15/11	20.9	05/04/11	20.1
			PID (ppm)	NS	NS	12/07/10	0	02/15/11	0	05/04/11	0.4
	592	602	CO_2 (%)	08/24/10	0	12/07/10	0.08	02/15/11	0.1	05/04/11	0
			O_2 (%)	08/24/10	19.3	12/07/10	20.9	02/15/11	20.9	05/04/11	20.0
			PID (ppm)	NS	NS	12/07/10	0	02/15/11	0	05/04/11	0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02001	Ambient	Ambient	CO_2 (%)	08/04/10	0	11/16/10	0.03	02/18/11	0.05	04/15/11	0.0
			O_2 (%)	08/04/10	19.8	11/16/10	20.9	02/18/11	20.9	04/15/11	20.9
			PID (ppm)	NS	NS	11/16/10	0	02/18/11	0	04/15/11	0.0
	17.5	22.5	CO_2 (%)	08/04/10	1	11/16/10	0.5	02/18/11	0.57	04/15/11	0.98
			O_2 (%)	08/04/10	18.3	11/16/10	20.4	02/18/11	20.3	04/15/11	20.3
			PID (ppm)	NS	NS	11/16/10	126	02/18/11	225	04/15/11	167
	37.5	42.5	CO_2 (%)	08/04/10	0.7	11/16/10	0.57	02/18/11	0.25	04/15/11	0.0
			O_2 (%)	08/04/10	18.3	11/16/10	20.3	02/18/11	20.9	04/15/11	20.9
			PID (ppm)	NS	NS	11/16/10	158	02/18/11	45.8	04/15/11	5
	57.5	62.5	CO_2 (%)	08/04/10	0.7[e]	11/17/10	0.38	02/18/11	0.09	04/15/11	0.08
			O_2 (%)	08/04/10	18.2[e]	11/17/10	20.9	02/18/11	20.9	04/15/11	20.9
			PID (ppm)	NS	NS	11/17/10	61.5	02/18/11	4.2	04/15/11	30.3
	77.5	82.5	CO_2 (%)	08/04/10	0.6	11/16/10	0.58	02/18/11	0.68	04/15/11	1.1
			O_2 (%)	08/04/10	18.5	11/16/10	20.2	02/18/11	20	04/15/11	20.2
			PID (ppm)	NS	NS	11/16/10	138	02/18/11	173	04/15/11	104
	97.5	102.5	CO_2 (%)	08/04/10	0.5	11/17/10	0.82	02/18/11	0.58	04/15/11	0.71
			O_2 (%)	08/04/10	18.9	11/17/10	20.1	02/18/11	20.5	04/15/11	20.9
			PID (ppm)	NS	NS	11/17/10	138	02/18/11	147	04/15/11	32.4
	117.5	122.5	CO_2 (%)	08/04/10	0	11/16/10	0.57	02/22/11	0.06	04/15/11	0.0
			O_2 (%)	08/04/10	19.5	11/16/10	20.3	02/22/11	20.9	04/15/11	20.9
			PID (ppm)	NS	NS	11/16/10	78	02/22/11	0.7	04/15/11	1.3
	137.5	142.5	CO_2 (%)	08/04/10	0.4	11/16/10	0.51	02/22/11	0.07	04/15/11	0.0
			O_2 (%)	08/04/10	19.1	11/16/10	20.4	02/22/11	20.9	04/15/11	20.9
			PID (ppm)	NS	NS	11/16/10	70.6	02/22/11	0.4	04/15/11	0.9
	157.5	162.5	CO_2 (%)	08/04/10	0	11/17/10	0.48	02/22/11	0.07	04/15/11	0.0
			O_2 (%)	08/04/10	19.4	11/17/10	20	02/22/11	20.9	04/15/11	20.9

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02001	157.5	162.5	PID (ppm)	NS	NS	11/17/10	66.2	02/22/11	5.7	04/15/11	2.9
	177.5	182.5	CO_2 (%)	08/04/10	NS[e]	11/17/10	0.37	02/22/11	NS[e]	04/15/11	NS[e]
			O_2 (%)	08/04/10	NS[e]	11/17/10	20.2	02/22/11	NS[e]	04/15/11	NS[e]
			PID (ppm)	NS	NS	11/17/10	87.1	02/22/11	NS[e]	04/15/11	NS[e]
	197.5	202.5	CO_2 (%)	08/04/10	0	11/17/10	0.45	02/22/11	0.33	04/15/11	0.0
			O_2 (%)	08/04/10	19.3	11/17/10	20	02/22/11	20.5	04/15/11	20.9
			PID (ppm)	NS	NS	11/17/10	56.5	02/22/11	27.7	04/15/11	9.4
54-02002	Ambient	Ambient	CO_2 (%)	08/05/10	0	12/13/10	0.04	03/02/11	0	05/31/11	0.0
			O_2 (%)	08/05/10	18.9	12/13/10	20.9	03/02/11	20.9	05/31/11	20.9
			PID (ppm)	NS	NS	12/13/10	0	03/02/11	0	05/31/11	0.0
	17.5	22.5	CO_2 (%)	08/05/10	0.9	12/13/10	0.04	03/02/11	0	05/31/11	0.0
			O_2 (%)	08/05/10	18.2	12/13/10	20.9	03/02/11	20.9	05/31/11	20.9
			PID (ppm)	NS	NS	12/13/10	1.4	03/02/11	0.2	05/31/11	0.0
	37.5	42.5	CO_2 (%)	08/05/10	0.9	12/10/10	0.06	03/02/11	0.84	05/31/11	0.0
			O_2 (%)	08/05/10	18.1	12/10/10	20.9	03/02/11	20	05/31/11	20.9
			PID (ppm)	NS	NS	12/10/10	14.9	03/02/11	62.3	05/31/11	0.0
	57.5	62.5	CO_2 (%)	08/05/10	1.3	12/13/10	0.46	03/02/11	1.5	05/31/11	2.8
			O_2 (%)	08/05/10	17.6	12/13/10	20.5	03/02/11	19.6	05/31/11	19.2
			PID (ppm)	NS	NS	12/13/10	78.1	03/02/11	63.4	05/31/11	24.2
	77.5	82.5	CO_2 (%)	08/05/10	1.3	12/13/10	0	03/02/11	0.26	05/31/11	0.0
			O_2 (%)	08/05/10	17.6	12/13/10	20.9	03/02/11	20.4	05/31/11	20.6
			PID (ppm)	NS	NS	12/13/10	85.4	03/02/11	18.1	05/31/11	0.2
	97.5	102.5	CO_2 (%)	08/05/10	2.5	12/10/10	0.06	03/02/11	0.56	05/31/11	0.0
			O_2 (%)	08/05/10	17.6	12/10/10	20.9	03/02/11	20.3	05/31/11	20.6
			PID (ppm)	NS	NS	12/10/10	14	03/02/11	35.5	05/31/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02002	117.5	122.5	CO_2 (%)	08/05/10	0	12/10/10	0.05	03/02/11	0.74	05/31/11	0.33
			O_2 (%)	08/05/10	19.1	12/10/10	20.9	03/02/11	20.3	05/31/11	20.4
			PID (ppm)	NS	NS	12/10/10	9	03/02/11	52.2	05/31/11	3.4
	137.5	142.5	CO_2 (%)	08/05/10	1.1	12/13/10	0.65	03/02/11	0.28	05/31/11	0.65
			O_2 (%)	08/05/10	17.5	12/13/10	20.6	03/02/11	20.9	05/31/11	20.1
			PID (ppm)	NS	NS	12/13/10	78.6	03/02/11	17	05/31/11	7.3
	154.5	159.5	CO_2 (%)	08/05/10	0	12/13/10	0.57	03/02/11	0	05/31/11	0.0
			O_2 (%)	08/05/10	19.2	12/13/10	20.4	03/02/11	20.9	05/31/11	20.6
			PID (ppm)	NS	NS	12/13/10	122	03/02/11	0.5	05/31/11	0.2
	177.5	182.5	CO_2 (%)	08/05/10	1.1	12/10/10	0.05	03/02/11	0.35	05/31/11	0.0
			O_2 (%)	08/05/10	17.9	12/10/10	20.9	03/02/11	20.5	05/31/11	20.5
			PID (ppm)	NS	NS	12/10/10	8.4	03/02/11	37.7	05/31/11	0.5
	197.5	202.5	CO_2 (%)	08/05/10	0.8	NS[f]	NS[f]	03/02/11	0.39	05/31/11	0.0
			O_2 (%)	08/05/10	18.6	NS[f]	NS[f]	03/02/11	20.5	05/31/11	20.5
			PID (ppm)	NS	NS	NS[f]	NS[f]	03/02/11	41.9	05/31/11	0.3
54-02016	Ambient	Ambient	CO_2 (%)	07/27/10	0	11/29/10	0.03	03/09/11	0	05/06/11	0
			O_2 (%)	07/27/10	19.5	11/29/10	20.9	03/09/11	20.9	05/06/11	20.9
			PID (ppm)	NS	NS	11/29/10	0	03/09/11	0	05/06/11	0.0
	15.5	20.5	CO_2 (%)	07/27/10	NS[e]	NS[e]	NS[e]	03/09/11	NS[e]	05/06/11	NS[e]
			O_2 (%)	07/27/10	NS[e]	NS[e]	NS[e]	03/09/11	NS[e]	05/06/11	NS[e]
			PID (ppm)	NS	NS[e]	NS[e]	NS[e]	03/09/11	NS[e]	05/06/11	NS[e]
	28.5	33.5	CO_2 (%)	07/27/10	2.1[g]	11/29/10	2.9	03/09/11	4.5	05/06/11	OVR[h]
			O_2 (%)	07/27/10	16.1[g]	11/29/10	17.5	03/09/11	18.8	05/06/11	17.8
			PID (ppm)	NS	NS	11/29/10	228	03/09/11	69	05/06/11	39.8
	79.5	84.5	CO_2 (%)	07/27/10	2.1	11/29/10	2.4	03/09/11	0	05/06/11	0.0
			O_2 (%)	07/27/10	15.6	11/29/10	17.9	03/09/11	20.9	05/06/11	20.1

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02016	79.5	84.5	PID (ppm)	NS	NS	11/29/10	208	03/09/11	0	05/06/11	4.1
54-02020	Ambient	Ambient	CO_2 (%)	08/23/10	0	12/20/10	0.04	02/24/11	0.05	06/01/11	0.0
			O_2 (%)	08/23/10	19.1	12/20/10	20.9	02/24/11	20.9	06/01/11	20.9
			PID (ppm)	NS	NS	12/20/10	0	02/24/11	0	06/01/11	0.0
	10	30	CO_2 (%)	08/23/10	0.6	12/20/10	0.4	02/24/11	0.34	06/01/11	0.28
			O_2 (%)	08/23/10	18.6	12/20/10	20.9	02/24/11	20.6	06/01/11	20.4
			PID (ppm)	NS	NS	12/20/10	15.8	02/24/11	4.4	06/01/11	0.8
	30	50	CO_2 (%)	08/23/10	0.5	12/20/10	0.41	02/24/11	0.38	06/01/11	0.35
			O_2 (%)	08/23/10	18.5	12/20/10	20.6	02/24/11	20.5	06/01/11	20.4
			PID (ppm)	NS	NS	12/20/10	24	02/24/11	7.6	06/01/11	1.4
	50	70	CO_2 (%)	08/23/10	0.6	12/20/10	0.41	02/24/11	0.37	06/01/11	0.23
			O_2 (%)	08/23/10	19.3	12/20/10	20.5	02/24/11	20.5	06/01/11	20.5
			PID (ppm)	NS	NS	12/20/10	29.7	02/24/11	8.9	06/01/11	1.3
	70	90	CO_2 (%)	08/24/10	0.6	12/20/10	0.39	02/24/11	0.39	06/01/11	0.23
			O_2 (%)	08/24/10	19.2	12/20/10	20.5	02/24/11	20.5	06/01/11	20.3
			PID (ppm)	NS	NS	12/20/10	33.5	02/24/11	12	06/01/11	1.3
	90	100	CO_2 (%)	08/24/10	0.6	12/20/10	0.33	02/24/11	0.32	06/01/11	0.06
			O_2 (%)	08/24/10	19.1	12/20/10	20.9	02/24/11	20.6	06/01/11	20.5
			PID (ppm)	NS	NS	12/20/10	30.9	02/24/11	10.2	06/01/11	0.2
	110	130	CO_2 (%)	08/24/10	0.6	12/20/10	0.31	02/24/11	0.3	06/01/11	0.0
			O_2 (%)	08/24/10	18.9	12/20/10	20.6	02/24/11	20.5	06/01/11	20.5
			PID (ppm)	NS	NS	12/20/10	34.1	02/24/11	11.3	06/01/11	0.0
	130	150	CO_2 (%)	08/24/10	0.5	12/20/10	0.31	02/24/11	0.3	06/01/11	0.0
			O_2 (%)	08/24/10	18.8	12/20/10	20.5	02/24/11	20.5	06/01/11	20.4
			PID (ppm)	NS	NS	12/20/10	42.7	02/24/11	13.5	06/01/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02020	150	170	CO_2 (%)	08/24/10	0.5	12/20/10	0.29	02/24/11	0.27	06/01/11	0.0
			O_2 (%)	08/24/10	18.8	12/20/10	20.9	02/24/11	20.5	06/01/11	20.2
			PID (ppm)	NS	NS	12/20/10	37.8	02/24/11	11	06/01/11	0.0
	170	190	CO_2 (%)	08/24/10	0.5	12/20/10	0.38	02/24/11	0.36	06/01/11	0.0
			O_2 (%)	08/24/10	18.8	12/20/10	20.4	02/24/11	20.5	06/01/11	20.3
			PID (ppm)	NS	NS	12/20/10	36.5	02/24/11	19	06/01/11	0.0
	190	210	CO_2 (%)	08/24/10	0.5	12/20/10	0.07	02/24/11	0.36	06/01/11	0.0
			O_2 (%)	08/24/10	18.8	12/20/10	20.9	02/24/11	20.5	06/01/11	20.3
			PID (ppm)	NS	NS	12/20/10	5.2	02/24/11	178	06/01/11	0.0
54-02021	Ambient	Ambient	CO_2 (%)	07/28/10	0	11/17/10	0.03	01/21/11	0.04	04/08/11	0.0
			O_2 (%)	07/28/10	19.9	11/17/10	20.9	01/21/11	20.9	04/08/11	20.9
			PID (ppm)	NS	NS	11/17/10	0	01/21/11	0	04/08/11	0.0
	10	30	CO_2 (%)	07/28/10	0.7	11/17/10	0.54	01/21/11	0.4	04/08/11	0.41
			O_2 (%)	07/28/10	18.9	11/17/10	20.2	01/21/11	20.5	04/08/11	20.5
			PID (ppm)	NS	NS	11/17/10	5.9	01/21/11	4.4	04/08/11	2.5
	30	50	CO_2 (%)	07/28/10	0.6	11/17/10	0.41	01/21/11	NS[f]	04/08/11	0.04
			O_2 (%)	07/28/10	19	11/17/10	20.3	01/21/11	NS[f]	04/08/11	20.9
			PID (ppm)	NS	NS	11/17/10	7.3	01/21/11	NS[f]	04/08/11	1.1
	50	70	CO_2 (%)	07/28/10	0.6	11/17/10	0.4	01/21/11	0.24	04/08/11	0.21
			O_2 (%)	07/28/10	18.9	11/17/10	20.5	01/21/11	20.9	04/08/11	20.9
			PID (ppm)	NS	NS	11/17/10	14.1	01/21/11	4.7	04/08/11	5.0
	70	90	CO_2 (%)	07/28/10	0.6[e]	11/17/10	0.36	01/21/11	0.13	04/08/11	0.06
			O_2 (%)	07/28/10	18.9[e]	11/17/10	20.6	01/21/11	20.9	04/08/11	20.9
			PID (ppm)	NS	NS	11/17/10	19	01/21/11	1.9	04/08/11	2.5
	90	110	CO_2 (%)	07/28/10	0.6	11/17/10	0.53	01/21/11	0.22	04/08/11	0.24
			O_2 (%)	07/28/10	18.9	11/17/10	20.4	01/21/11	20.9	04/08/11	20.3

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02021	90	110	PID (ppm)	NS	NS	11/17/10	29.3	01/21/11	6.6	04/08/11	7.2
	110	130	CO_2 (%)	07/28/10	0.6[g]	11/17/10	0.42	01/21/11	0.06	04/08/11	0.02
			O_2 (%)	07/28/10	18.8[g]	11/17/10	20.5	01/21/11	20.9	04/08/11	20.9
			PID (ppm)	NS	NS	11/17/10	18.6	01/21/11	0	04/08/11	1.6
	130	150	CO_2 (%)	07/28/10	0.6	11/17/10	0.53	01/21/11	0.27	04/08/11	0.49
			O_2 (%)	07/28/10	18.9	11/17/10	20.3	01/21/11	20.9	04/08/11	20.2
			PID (ppm)	NS	NS	11/17/10	32.2	01/21/11	11	04/08/11	13.9
	150	170	CO_2 (%)	07/28/10	0.5	11/17/10	0.47	01/21/11	0.18	04/08/11	0.23
			O_2 (%)	07/28/10	18.7	11/17/10	20.5	01/21/11	20.9	04/08/11	20.6
			PID (ppm)	NS	NS	11/17/10	30.4	01/21/11	4.7	04/08/11	7.8
	170	190	CO_2 (%)	07/28/10	0.6	11/17/10	0.52	01/21/11	0.29	04/08/11	0.53
			O_2 (%)	07/28/10	18.8	11/17/10	20.3	01/21/11	20.9	04/08/11	20.4
			PID (ppm)	NS	NS	11/17/10	33.2	01/21/11	12.1	04/08/11	14.8
	190	210	CO_2 (%)	07/28/10	0	11/17/10	0.47	01/21/11	0.25	04/08/11	0.50
			O_2 (%)	07/28/10	19.1	11/17/10	20.5	01/21/11	20.9	04/08/11	20.2
			PID (ppm)	NS	NS	11/17/10	30.8	01/21/11	7.7	04/08/11	13.7
54-02022	Ambient	Ambient	CO_2 (%)	08/02/10	0	12/06/10	0.03	02/11/11	0.05	04/12/11	0
			O_2 (%)	08/02/10	19.7	12/06/10	20.9	02/11/11	20.9	04/12/11	20.9
			PID (ppm)	NS	NS	12/06/10	0	02/11/11	0	04/12/11	0
	17.5	22.5	CO_2 (%)	08/02/10	1.2	12/07/10	0.36	02/11/11	0.2	04/12/11	0.04
			O_2 (%)	08/02/10	18	12/07/10	20.9	02/11/11	20.9	04/12/11	20.9
			PID (ppm)	NS	NS	12/07/10	0.9	02/11/11	2.5	04/12/11	1.4
	37.5	42.5	CO_2 (%)	08/02/10	0.8	12/06/10	0.57	02/11/11	0.44	04/12/11	0.29
			O_2 (%)	08/02/10	18.6	12/06/10	20.1	02/11/11	20.3	04/12/11	20.9
			PID (ppm)	NS	NS	12/06/10	28.9	02/11/11	13.7	04/12/11	8.8

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02022	57.5	62.5	CO_2 (%)	08/02/10	0.7	12/07/10	0.85	02/11/11	0.18	04/12/11	0.98
			O_2 (%)	08/02/10	18.9	12/07/10	20	02/11/11	20.6	04/12/11	20.3
			PID (ppm)	NS	NS	12/07/10	61.2	02/11/11	3.9	04/12/11	25.9
	77.5	82.5	CO_2 (%)	08/02/10	0.6	12/06/10	0.61	02/11/11	0.36	04/12/11	0.0
			O_2 (%)	08/02/10	18.9	12/06/10	20.2	02/11/11	20.4	04/12/11	20.9
			PID (ppm)	NS	NS	12/06/10	60.5	02/11/11	15.1	04/12/11	0.0
	97.5	102.5	CO_2 (%)	08/02/10	0.5	12/07/10	0.27	02/11/11	0.14	04/12/11	0.14
			O_2 (%)	08/02/10	19	12/07/10	20.9	02/11/11	20.6	04/12/11	20.9
			PID (ppm)	NS	NS	12/07/10	28.7	02/11/11	2.2	04/12/11	6.2
	117.5	122.5	CO_2 (%)	08/02/10	0.2	12/06/10	0.58	02/11/11	0.26	04/12/11	0.60
			O_2 (%)	08/02/10	19.1	12/06/10	20.3	02/11/11	20.5	04/12/11	20.3
			PID (ppm)	NS	NS	12/06/10	66.3	02/11/11	9.6	04/12/11	21.2
	137.5	142.5	CO_2 (%)	08/02/10	0	12/06/10	0.48	02/11/11	0.07	04/12/11	0.43
			O_2 (%)	08/02/10	19.4	12/06/10	20.3	02/11/11	20.7	04/12/11	20.6
			PID (ppm)	NS	NS	12/06/10	59	02/11/11	0	04/12/11	15.9
	157.5	162.5	CO_2 (%)	08/02/10	0	12/07/10	0.54	02/11/11	0.05	04/12/11	0.43
			O_2 (%)	08/02/10	19.4	12/07/10	20.5	02/11/11	20.9	04/12/11	20.9
			PID (ppm)	NS	NS	12/07/10	51.6	02/11/11	520	04/12/11	18.3
	177.5	182.5	CO_2 (%)	08/02/10	0.4	12/07/10	0.36	02/11/11	0.07	04/12/11	0.26
			O_2 (%)	08/02/10	19	12/07/10	20.9	02/11/11	20.9	04/12/11	20.9
			PID (ppm)	NS	NS	12/07/10	11.6	02/11/11	0.5	04/12/11	11.9
	197.5	202.5	CO_2 (%)	08/02/10	0.4	12/07/10	0.47	02/11/11	0.11	04/12/11	0.31
			O_2 (%)	08/02/10	19	12/07/10	20.6	02/11/11	20.9	04/12/11	20.6
			PID (ppm)	NS	NS	12/07/10	37.1	02/11/11	1.8	04/12/11	11.2

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02023	Ambient	Ambient	CO_2 (%)	08/05/10	0	12/16/10	0.04	03/11/11	0	05/26/11	0.0
			O_2 (%)	08/05/10	19.6	12/16/10	20.9	03/11/11	20.9	05/26/11	20.9
			PID (ppm)	NS	NS	12/16/10	0	03/11/11	0	05/26/11	0.0
	10	30	CO_2 (%)	08/05/10	1	12/16/10	0.04	03/11/11	0.56	05/26/11	0.53
			O_2 (%)	08/05/10	18.3	12/16/10	20.9	03/11/11	20.5	05/26/11	20.3
			PID (ppm)	NS	NS	12/16/10	0	03/11/11	1	05/26/11	0.1
	30	50	CO_2 (%)	08/05/10	0.9	12/16/10	0.33	03/11/11	0.96	05/26/11	0.52
			O_2 (%)	08/05/10	18.3	12/16/10	20.9	03/11/11	20.2	05/26/11	20.5
			PID (ppm)	NS	NS	12/16/10	1.2	03/11/11	2	05/26/11	0.4
	50	70	CO_2 (%)	08/05/10	0.5	12/16/10	0.15	03/11/11	NS[e]	05/26/11	NS[e]
			O_2 (%)	08/05/10	18.5	12/16/10	20.9	03/11/11	NS[e]	05/26/11	NS[e]
			PID (ppm)	NS	NS	12/16/10	4.6	03/11/11	NS[e]	05/26/11	NS[e]
	70	90	CO_2 (%)	08/05/10	0.7	12/16/10	0.49	03/11/11	0.88	05/26/11	0.89
			O_2 (%)	08/05/10	18.2	12/16/10	20.1	03/11/11	19.9	05/26/11	20.3
			PID (ppm)	NS	NS	12/16/10	8.8	03/11/11	3	05/26/11	1.4
	90	110	CO_2 (%)	08/05/10	0.7	12/16/10	0.37	03/11/11	1.14	05/26/11	1.1
			O_2 (%)	08/05/10	17.9	12/16/10	20.3	03/11/11	19.7	05/26/11	20.2
			PID (ppm)	NS	NS	12/16/10	11.7	03/11/11	4.8	05/26/11	1.8
	110	130	CO_2 (%)	08/05/10	0	12/16/10	NS[e]	03/11/11	NS[e]	05/26/11	NS[e]
			O_2 (%)	08/05/10	18.3	12/16/10	NS[e]	03/11/11	NS[e]	05/26/11	NS[e]
			PID (ppm)	NS	NS	12/16/10	NS[e]	03/11/11	NS[e]	05/26/11	NS[e]
	130	149	CO_2 (%)	08/05/10	0.6	12/16/10	0.08	03/11/11	0.11	05/26/11	0.08
			O_2 (%)	08/05/10	18.2	12/16/10	20.9	03/11/11	20.4	05/26/11	20.9
			PID (ppm)	NS	NS	12/16/10	0.4	03/11/11	1.8	05/26/11	0.4

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02023	149	169	CO_2 (%)	08/05/10	0.5	12/16/10	0.12	03/11/11	0.2	05/26/11	0.0
			O_2 (%)	08/05/10	18.2	12/16/10	20.8	03/11/11	20.1	05/26/11	20.9
			PID (ppm)	NS	NS	12/16/10	0.7	03/11/11	2.5	05/26/11	0.0
	170	190	CO_2 (%)	08/05/10	0.8	12/16/10	0.1	03/11/11	0.24	05/26/11	0.16
			O_2 (%)	08/05/10	17.9	12/16/10	20.9	03/11/11	20	05/26/11	20.9
			PID (ppm)	NS	NS	12/16/10	0.1	03/11/11	1.3	05/26/11	0.0
	190	210	CO_2 (%)	08/05/10	0.4	12/16/10	0.39	03/11/11	0.6	05/26/11	0.0
			O_2 (%)	08/05/10	18.1	12/16/10	20.1	03/11/11	19.8	05/26/11	20.9
			PID (ppm)	NS	NS	12/16/10	20.3	03/11/11	5.9	05/26/11	0.0
54-02024	Ambient	Ambient	CO_2 (%)	08/10/10	0	12/14/10	0.04	03/10/11	0	05/27/11	0.0
			O_2 (%)	08/10/10	19.9	12/14/10	20.9	03/10/11	20.9	05/27/11	20.9
			PID (ppm)	NS	NS	12/14/10	0.2	03/10/11	0	05/27/11	0.0
	10	30	CO_2 (%)	08/10/10	0.7	12/14/10	0.06	03/10/11	0.29	05/27/11	0.29
			O_2 (%)	08/10/10	19	12/14/10	20.9	03/10/11	20.9	05/27/11	20.4
			PID (ppm)	NS	NS	12/14/10	0.7	03/10/11	2.3	05/27/11	0.8
	30	50	CO_2 (%)	08/10/10	0.7	12/14/10	0.13	03/10/11	0.25	05/27/11	0.41
			O_2 (%)	08/10/10	18.8	12/14/10	20.9	03/10/11	20.9	05/27/11	20.3
			PID (ppm)	NS	NS	12/14/10	2.8	03/10/11	2.8	05/27/11	1.3
	50	70	CO_2 (%)	08/10/10	0.6	12/14/10	0.16	03/10/11	0.4	05/27/11	0.57
			O_2 (%)	08/10/10	18.9	12/14/10	20.9	03/10/11	20.9	05/27/11	20.2
			PID (ppm)	NS	NS	12/14/10	4.3	03/10/11	3.7	05/27/11	2.0
	70	90	CO_2 (%)	08/10/10	0.6	12/14/10	0.07	03/10/11	0.45	05/27/11	0.69
			O_2 (%)	08/10/10	18.9	12/14/10	20.9	03/10/11	20.9	05/27/11	20.0
			PID (ppm)	NS	NS	12/14/10	1.9	03/10/11	5.4	05/27/11	2.8

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02024	90	110	CO_2 (%)	08/10/10	0.6	12/14/10	0.27	03/10/11	0.42	05/27/11	0.74
			O_2 (%)	08/10/10	18.7	12/14/10	20.9	03/10/11	20.9	05/27/11	19.9
			PID (ppm)	NS	NS	12/14/10	13.3	03/10/11	6.7	05/27/11	2.9
	110	130	CO_2 (%)	08/10/10	NS[e]	12/14/10	NS[e]	03/10/11	NS[e]	05/27/11	NS[e]
			O_2 (%)	08/10/10	NS[e]	12/14/10	NS[e]	03/10/11	NS[e]	05/27/11	NS[e]
			PID (ppm)	NS	NS	12/14/10	NS[e]	03/10/11	NS[e]	05/27/11	NS[e]
	130	150	CO_2 (%)	08/10/10	0.4	12/14/10	0.13	03/10/11	0.35	05/27/11	0.63
			O_2 (%)	08/10/10	19.1	12/14/10	20.9	03/10/11	20.9	05/27/11	20.2
			PID (ppm)	NS	NS	12/14/10	7.2	03/10/11	7.8	05/27/11	4.2
	150	170	CO_2 (%)	08/10/10	0.5	12/14/10	0.07	03/10/11	0	05/27/11	0.75
			O_2 (%)	08/10/10	18.3	12/14/10	20.9	03/10/11	20.9	05/27/11	19.8
			PID (ppm)	NS	NS	12/14/10	2.3	03/10/11	0.2	05/27/11	4.4
	170	190	CO_2 (%)	08/10/10	0.5	12/14/10	0.13	03/10/11	0	05/27/11	0.66
			O_2 (%)	08/10/10	18.2	12/14/10	20.9	03/10/11	20.9	05/27/11	19.8
			PID (ppm)	NS	NS	12/14/10	8	03/10/11	0.1	05/27/11	3.2
	190	210	CO_2 (%)	08/10/10	0.4	12/14/10	0.09	03/10/11	0	05/27/11	0.53
			O_2 (%)	08/10/10	18.3	12/14/10	20.9	03/10/11	20.9	05/27/11	19.9
			PID (ppm)	NS	NS	12/14/10	4.2	03/10/11	0.1	05/27/11	4.6
54-02025	Ambient	Ambient	CO_2 (%)	08/09/10	0	12/08/10	0.04	02/25/11	0.06	05/18/11	0.0
			O_2 (%)	08/09/10	19.5	12/08/10	20.9	02/25/11	20.9	05/18/11	20.9
			PID (ppm)	NS	NS	12/08/10	0	02/25/11	0	05/18/11	0.0
	20	20	CO_2 (%)	08/09/10	0.5	12/08/10	0.58	02/25/11	0.51	05/18/11	0.63
			O_2 (%)	08/09/10	19	12/08/10	20.2	02/25/11	20.4	05/18/11	20.3
			PID (ppm)	NS	NS	12/08/10	41.6	02/25/11	16.5	05/18/11	7.7

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02025	60	60	CO_2 (%)	08/09/10	0.3	12/08/10	0.14	02/25/11	0.20	05/18/11	0.19
			O_2 (%)	08/09/10	19.2	12/08/10	20.9	02/25/11	20.9	05/18/11	20.9
			PID (ppm)	NS	NS	12/08/10	6.3	02/25/11	2.5	05/18/11	1.9
	100	100	CO_2 (%)	08/09/10	0.5	12/08/10	0.7	02/25/11	0.58	05/18/11	1.1
			O_2 (%)	08/09/10	18.8	12/08/10	20.2	02/25/11	20.2	05/18/11	20.1
			PID (ppm)	NS	NS	12/08/10	93.3	02/25/11	38.6	05/18/11	21.0
	160	160	CO_2 (%)	08/09/10	0.5	12/08/10	0.58	02/25/11	0.52	05/18/11	0.92
			O_2 (%)	08/09/10	18.7	12/08/10	20.3	02/25/11	20.3	05/18/11	20.2
			PID (ppm)	NS	NS	12/08/10	99.1	02/25/11	44.2	05/18/11	26.8
	190	190	CO_2 (%)	08/09/10	0.5	12/08/10	0.48	02/25/11	0.49	05/18/11	0.08
			O_2 (%)	08/09/10	18.7	12/08/10	20.3	02/25/11	20.9	05/18/11	20.1
			PID (ppm)	NS	NS	12/08/10	84.8	02/25/11	38	05/18/11	23.3
54-02026	Ambient	Ambient	CO_2 (%)	08/10/10	0	12/14/10	0.04	03/04/11	0	05/19/11	0.0
			O_2 (%)	08/10/10	19.4	12/14/10	20.9	03/04/11	20.9	05/19/11	20.9
			PID (ppm)	NS	NS	12/14/10	0.1	03/04/11	0	05/19/11	0.0
	20	20	CO_2 (%)	08/10/10	0.6	12/14/10	0.18	03/04/11	0.65	05/19/11	0.39
			O_2 (%)	08/10/10	19.1	12/14/10	20.9	03/04/11	20.4	05/19/11	20.5
			PID (ppm)	NS	NS	12/14/10	0.3	03/04/11	0.2	05/19/11	0.0
	60	60	CO_2 (%)	08/10/10	0.5	12/14/10	0.14	03/04/11	0.83	05/19/11	0.76
			O_2 (%)	08/10/10	19.1	12/14/10	20.9	03/04/11	20.4	05/19/11	20.4
			PID (ppm)	NS	NS	12/14/10	0.3	03/04/11	0.5	05/19/11	0.0
	100	100	CO_2 (%)	08/10/10	0.5	12/14/10	0.52	03/04/11	0.71	05/19/11	0.65
			O_2 (%)	08/10/10	19.1	12/14/10	20.5	03/04/11	20.5	05/19/11	20.4
			PID (ppm)	NS	NS	12/14/10	2.9	03/04/11	0.8	05/19/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02026	160	160	CO_2 (%)	08/10/10	0.4	12/14/10	0.43	03/04/11	0.45	05/19/11	0.47
			O_2 (%)	08/10/10	18.8	12/14/10	20.9	03/04/11	20.9	05/19/11	20.3
			PID (ppm)	NS	NS	12/14/10	4.1	03/04/11	1	05/19/11	0.1
	200	200	CO_2 (%)	08/10/10	0.3	12/14/10	0.4	03/04/11	0.41	05/19/11	0.40
			O_2 (%)	08/10/10	18.8	12/14/10	20.9	03/04/11	20.9	05/19/11	20.2
			PID (ppm)	NS	NS	12/14/10	4.1	03/04/11	1	05/19/11	0.1
	215	215	CO_2 (%)	08/10/10	0.2	12/14/10	0.32	03/04/11	0.24	05/19/11	0.25
			O_2 (%)	08/10/10	18.7	12/14/10	20.9	03/04/11	20.9	05/19/11	20.6
			PID (ppm)	NS	NS	12/14/10	3.1	03/04/11	0.6	05/19/11	0.0
54-02027	Ambient	Ambient	CO_2 (%)	08/11/10	0	12/09/10	0.03	02/23/11	0.05	05/24/11	0.0
			O_2 (%)	08/11/10	19.6	12/09/10	20.9	02/23/11	20.9	05/24/11	20.9
			PID (ppm)	NS	NS	12/09/10	0	02/23/11	0	05/24/11	0.0
	20	20	CO_2 (%)	08/11/10	0.5	12/09/10	0.44	02/23/11	0.39	05/24/11	0.38
			O_2 (%)	08/11/10	19.1	12/09/10	20.5	02/23/11	20.4	05/24/11	20.5
			PID (ppm)	NS	NS	12/09/10	4.4	02/23/11	1	05/24/11	0.1
	60	60	CO_2 (%)	08/11/10	0.4	12/09/10	0.3	02/23/11	0.47	05/24/11	0.37
			O_2 (%)	08/11/10	18.9	12/09/10	20.9	02/23/11	20.4	05/24/11	20.6
			PID (ppm)	NS	NS	12/09/10	3.4	02/23/11	3.4	05/24/11	0.2
	100	100	CO_2 (%)	08/11/10	0.4	12/09/10	0.48	02/23/11	0.47	05/24/11	0.44
			O_2 (%)	08/11/10	18.8	12/09/10	20.5	02/23/11	20.4	05/24/11	20.6
			PID (ppm)	NS	NS	12/09/10	15.5	02/23/11	5	05/24/11	1.5
	160	160	CO_2 (%)	08/11/10	0.3	12/09/10	0.41	02/23/11	0.4	05/24/11	0.29
			O_2 (%)	08/11/10	18.9	12/09/10	20.5	02/23/11	20.5	05/24/11	20.9
			PID (ppm)	NS	NS	12/09/10	19	02/23/11	6.7	05/24/11	2.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02027	200	200	CO_2 (%)	08/11/10	0.3	12/09/10	0.3	02/23/11	0.32	05/24/11	0.25
			O_2 (%)	08/11/10	18.9	12/09/10	20.6	02/23/11	20.9	05/24/11	20.9
			PID (ppm)	NS	NS	12/09/10	12.4	02/23/11	5.4	05/24/11	1.9
	220	220	CO_2 (%)	08/11/10	0.1	12/09/10	0.23	02/23/11	0.31	05/24/11	0.21
			O_2 (%)	08/11/10	18.9	12/09/10	20.9	02/23/11	20.5	05/24/11	20.9
			PID (ppm)	NS	NS	12/09/10	13.3	02/23/11	5.1	05/24/11	1.6
	250	250	CO_2 (%)	08/11/10	0.2	12/09/10	0.12	02/23/11	0.2	05/24/11	0.07
			O_2 (%)	08/11/10	18.9	12/09/10	20.9	02/23/11	20.6	05/24/11	20.9
			PID (ppm)	NS	NS	12/09/10	5.3	02/23/11	1.8	05/24/11	0.5
54-02028	Ambient	Ambient	CO_2 (%)	08/12/10	0	12/15/10	0.03	03/18/11	0	05/25/11	0.0
			O_2 (%)	08/12/10	19.1	12/15/10	20.9	03/18/11	20.9	05/25/11	20.9
			PID (ppm)	NS	NS	12/15/10	0.1	03/18/11	0	05/25/11	0.0
	20	20	CO_2 (%)	08/12/10	0.4	12/15/10	0.04	03/18/11	0.21	05/25/11	0.24
			O_2 (%)	08/12/10	18.2	12/15/10	20.9	03/18/11	20.7	05/25/11	20.4
			PID (ppm)	NS	NS	12/15/10	0.3	03/18/11	0.2	05/25/11	0.0
	60	60	CO_2 (%)	08/12/10	0.2	12/15/10	0.04	03/18/11	0.33	05/25/11	0.9
			O_2 (%)	08/12/10	17.8	12/15/10	20.9	03/18/11	20.6	05/25/11	20.6
			PID (ppm)	NS	NS	12/15/10	0.2	03/18/11	0.4	05/25/11	0.0
	100	100	CO_2 (%)	08/12/10	0.3	12/15/10	0.18	03/18/11	0.27	05/25/11	0.29
			O_2 (%)	08/12/10	17.9	12/15/10	20.9	03/18/11	20.9	05/25/11	20.7
			PID (ppm)	NS	NS	12/15/10	1.1	03/18/11	0.5	05/25/11	0.0
	160	160	CO_2 (%)	08/12/10	0.3	12/15/10	0.18	03/18/11	0.23	05/25/11	0.23
			O_2 (%)	08/12/10	18.2	12/15/10	20.9	03/18/11	20.9	05/25/11	20.9
			PID (ppm)	NS	NS	12/15/10	1.9	03/18/11	0.5	05/25/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02028	200	200	CO_2 (%)	08/12/10	0.2	12/15/10	0.29	03/18/11	0.23	05/25/11	0.0
			O_2 (%)	08/12/10	18.2	12/15/10	20.5	03/18/11	20.9	05/25/11	20.9
			PID (ppm)	NS	NS	12/15/10	4.1	03/18/11	0.7	05/25/11	0.0
	220	220	CO_2 (%)	08/12/10	0.2	12/15/10	0.29	03/18/11	0.21	05/25/11	0.0
			O_2 (%)	08/12/10	18.2	12/15/10	20.5	03/18/11	20.9	05/25/11	20.9
			PID (ppm)	NS	NS	12/15/10	3.8	03/18/11	0.8	05/25/11	0.0
	250	250	CO_2 (%)	08/12/10	0.2	12/15/10	0.06	03/18/11	0	05/25/11	0.0
			O_2 (%)	08/12/10	18.2	12/15/10	20.9	03/18/11	20.9	05/25/11	20.9
			PID (ppm)	NS	NS	12/15/10	0	03/18/11	0	05/25/11	0.0
54-02031	Ambient	Ambient	CO_2 (%)	07/28/10	0	11/18/10	0.03	01/20/11	0.05	04/14/11	0.0
			O_2 (%)	07/28/10	19.3	11/18/10	20.9	01/20/11	20.9	04/14/11	20.9
			PID (ppm)	NS	NS	11/18/10	0	01/20/11	0	04/14/11	0.0
	20	20	CO_2 (%)	07/28/10	1.1	11/18/10	1.5	01/20/11	0.5	04/14/11	1.2
			O_2 (%)	07/28/10	18.3	11/18/10	19.5	01/20/11	20.4	04/14/11	20.0
			PID (ppm)	NS	NS	11/18/10	6.7	01/20/11	1.2	04/14/11	2.4
	60	60	CO_2 (%)	07/28/10	0.6	11/18/10	0.86	01/20/11	0.64	04/14/11	0.92
			O_2 (%)	07/28/10	18.7	11/18/10	20	01/20/11	20.2	04/14/11	20.1
			PID (ppm)	NS	NS	11/18/10	14.6	01/20/11	8.5	04/14/11	7.2
	100	100	CO_2 (%)	07/28/10	0.6	11/18/10	0.68	01/20/11	0.47	04/14/11	0.74
			O_2 (%)	07/28/10	19.1	11/18/10	20.1	01/20/11	20.4	04/14/11	20.1
			PID (ppm)	NS	NS	11/18/10	23.7	01/20/11	9.4	04/14/11	9.5
	160	160	CO_2 (%)	07/28/10	0.5	11/18/10	0.61	01/20/11	0.28	04/14/11	0.47
			O_2 (%)	07/28/10	19	11/18/10	20.1	01/20/11	20.6	04/14/11	20.1
			PID (ppm)	NS	NS	11/18/10	28.7	01/20/11	2.8	04/14/11	6.1

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02031	200	200	CO_2 (%)	07/28/10	0.5	11/18/10	0.57	01/20/11	0.37	04/14/11	0.48
			O_2 (%)	07/28/10	18.9	11/18/10	20	01/20/11	20.4	04/14/11	20.2
			PID (ppm)	NS	NS	11/18/10	24.2	01/20/11	3.4	04/14/11	8.2
	220	220	CO_2 (%)	07/28/10	0.6	11/18/10	0.54	01/20/11	0.24	04/14/11	0.17
			O_2 (%)	07/28/10	19	11/18/10	20	01/20/11	20.9	04/14/11	20.9
			PID (ppm)	NS	NS	11/18/10	16.3	01/20/11	3.2	04/14/11	3.7
	260	260	CO_2 (%)	07/28/10	0.5	11/18/10	0.5	01/20/11	0.24	04/14/11	0.22
			O_2 (%)	07/28/10	19.1	11/18/10	19.9	01/20/11	20.9	04/14/11	20.9
			PID (ppm)	NS	NS	11/18/10	17.3	01/20/11	2.7	04/14/11	3.7
54-02034	Ambient	Ambient	CO_2 (%)	08/02/10	0	11/23/10	0.03	01/25/11	0.05	04/06/11	0.0
			O_2 (%)	08/02/10	19.5	11/23/10	20.9	01/25/11	20.9	04/06/11	20.9
			PID (ppm)	NS	NS	11/23/10	0	01/25/11	0	04/06/11	0.0
	20	20	CO_2 (%)	08/02/10	1.3	11/23/10	1.9	01/25/11	1.17	04/06/11	2.6
			O_2 (%)	08/02/10	18	11/23/10	19.2	01/25/11	19.7	04/06/11	19.7
			PID (ppm)	NS	NS	11/23/10	2.5	01/25/11	0.8	04/06/11	0.5
	60	60	CO_2 (%)	08/02/10	1.1	11/23/10	1.1	01/25/11	0.73	04/06/11	1.8
			O_2 (%)	08/02/10	17.9	11/23/10	19.8	01/25/11	20.1	04/06/11	19.9
			PID (ppm)	NS	NS	11/23/10	3.9	01/25/11	1.6	04/06/11	0.9
	100	100	CO_2 (%)	08/02/10	0.7	11/23/10	0.82	01/25/11	0.6	04/06/11	1.3
			O_2 (%)	08/02/10	18.5	11/23/10	20	01/25/11	20.3	04/06/11	20.1
			PID (ppm)	NS	NS	11/23/10	5.4	01/25/11	1.7	04/06/11	1.3
	160	160	CO_2 (%)	08/02/10	0.6	11/23/10	0.63	01/25/11	0.22	04/06/11	0.79
			O_2 (%)	08/02/10	18.6	11/23/10	20.1	01/25/11	20.9	04/06/11	20.3
			PID (ppm)	NS	NS	11/23/10	4.5	01/25/11	0	04/06/11	1.5

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02034	200	200	CO_2 (%)	08/02/10	0.5	11/23/10	0.53	01/25/11	0.37	04/06/11	0.63
			O_2 (%)	08/02/10	18.7	11/23/10	20.1	01/25/11	20.5	04/06/11	20.4
			PID (ppm)	NS	NS	11/23/10	3.5	01/25/11	0.7	04/06/11	1.1
	220	220	CO_2 (%)	08/02/10	0	11/23/10	0.47	01/25/11	0.27	04/06/11	0.33
			O_2 (%)	08/02/10	19	11/23/10	20.4	01/25/11	20.9	04/06/11	20.5
			PID (ppm)	NS	NS	11/23/10	2.8	01/25/11	0.3	04/06/11	0.6
	260	260	CO_2 (%)	08/02/10	0.4	11/23/10	0.37	01/25/11	0.25	04/06/11	0.32
			O_2 (%)	08/02/10	18.6	11/23/10	20.5	01/25/11	20.9	04/06/11	20.5
			PID (ppm)	NS	NS	11/23/10	0.5	01/25/11	0	04/06/11	0.1
	300	300	CO_2 (%)	08/02/10	0.2	11/23/10	0.24	01/25/11	0.19	04/06/11	0.14
			O_2 (%)	08/02/10	18.9	11/23/10	20.9	01/25/11	20.9	04/06/11	20.9
			PID (ppm)	NS	NS	11/23/10	0.1	01/25/11	0	04/06/11	0.0
54-02089	Ambient	Ambient	CO_2 (%)	07/29/10	0	11/19/10	NS[f]	01/27/11	0.04	05/04/11	0.0
			O_2 (%)	07/29/10	19.1	11/19/10	20.9	01/27/11	20.9	05/04/11	20.9
			PID (ppm)	NS	NS	11/19/10	0	01/27/11	0	05/04/11	0.0
	13	13	CO_2 (%)	07/29/10	2.2	11/19/10	4.6	01/27/11	0.64	05/04/11	OVR[h]
			O_2 (%)	07/29/10	16	11/19/10	16.1	01/27/11	19.8	05/04/11	17.4
			PID (ppm)	NS	NS	11/19/10	327	01/27/11	49	05/04/11	111
	31	31	CO_2 (%)	07/29/10	2.9	11/19/10	3.9	01/27/11	0.12	05/04/11	OVR
			O_2 (%)	07/29/10	15.4	11/19/10	15.9	01/27/11	19.4	05/04/11	17.2
			PID (ppm)	NS	NS	11/19/10	258	01/27/11	108	05/04/11	81
	46	46	CO_2 (%)	07/29/10	0	11/19/10	4.4	01/27/11	1.04	05/04/11	OVR
			O_2 (%)	07/29/10	19.7	11/19/10	15.7	01/27/11	19.1	05/04/11	16.2
			PID (ppm)	NS	NS	11/19/10	477	01/27/11	128	05/04/11	135

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-02089	86	86	CO_2 (%)	07/29/10	2.8	11/19/10	3.4	01/27/11	1.05	05/04/11	0.0
			O_2 (%)	07/29/10	15.9	11/19/10	16.9	01/27/11	19.1	05/04/11	20.3
			PID (ppm)	NS	NS	11/19/10	467	01/27/11	126	05/04/11	13.0
54-24238	Ambient	Ambient	CO_2 (%)	07/27/10	0	12/03/10	0.04	02/16/11	0.05	05/06/11	0.0
			O_2 (%)	07/27/10	19.2	12/03/10	20.9	02/16/11	20.9	05/06/11	20.9
			PID (ppm)	NS	NS	12/03/10	0	02/16/11	0	05/06/11	0.0
	43	45	CO_2 (%)	07/27/10	3	12/03/10	2.5	02/16/11	1.9	05/06/11	OVR
			O_2 (%)	07/27/10	14.6	12/03/10	17.8	02/16/11	17	05/06/11	16.5
			PID (ppm)	NS	NS	12/03/10	406	02/16/11	221	05/06/11	105
	63	65	CO_2 (%)	07/27/10	2.5	12/03/10	2.6	02/16/11	1.7	05/06/11	OVR
			O_2 (%)	07/27/10	15.1	12/03/10	17.9	02/16/11	17.5	05/06/11	17
			PID (ppm)	NS	NS	12/03/10	461	02/16/11	223	05/06/11	116
	83	85	CO_2 (%)	07/27/10	2.1	12/03/10	2.5	02/16/11	0.76	05/06/11	OVR
			O_2 (%)	07/27/10	15.5	12/03/10	18.1	02/16/11	19.3	05/06/11	17
			PID (ppm)	NS	NS	12/03/10	457	02/16/11	101	05/06/11	108
54-24239	Ambient	Ambient	CO_2 (%)	07/29/10	0	12/03/10	0.04	01/27/11	0.05	04/29/11	0.0
			O_2 (%)	07/29/10	19.6	12/03/10	20.9	01/27/11	20.9	04/29/11	20.9
			PID (ppm)	NS	NS	12/03/10	0	01/27/11	0	04/29/11	0.0
	24	26	CO_2 (%)	07/29/10	1	12/03/10	1.2	01/27/11	0.05	04/29/11	0.12
			O_2 (%)	07/29/10	18.2	12/03/10	19.6	01/27/11	20.9	04/29/11	19.9
			PID (ppm)	NS	NS	12/03/10	219	01/27/11	0	04/29/11	52.2
	49	51	CO_2 (%)	07/29/10	1	12/03/10	1.1	01/27/11	0.17	04/29/11	0.0
			O_2 (%)	07/29/10	17.9	12/03/10	19.6	01/27/11	20.9	04/29/11	20.9
			PID (ppm)	NS	NS	12/03/10	252	01/27/11	10	04/29/11	1.2

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-24239	74	76	CO_2 (%)	07/29/10	1	12/03/10	0.82	01/27/11	0.24	04/29/11	0.0
			O_2 (%)	07/29/10	17.8	12/03/10	20	01/27/11	20.9	04/29/11	20.9
			PID (ppm)	NS	NS	12/03/10	224	01/27/11	25	04/29/11	0.2
	98.5	100.5	CO_2 (%)	07/29/10	1	12/03/10	1	01/27/11	0.34	04/29/11	0.24
			O_2 (%)	07/29/10	17.7	12/03/10	19.8	01/27/11	20.9	04/29/11	19.4
			PID (ppm)	NS	NS	12/03/10	294	01/27/11	15	04/29/11	81.6
54-24240	Ambient	Ambient	CO_2 (%)	08/03/10	0	11/30/10	0.03	02/10/11	0.05	04/27/11	0.0
			O_2 (%)	08/03/10	19.9	11/30/10	20.9	02/10/11	20.9	04/27/11	20.9
			PID (ppm)	NS	NS	11/30/10	0.2	02/10/11	0	04/27/11	0.0
	27	29	CO_2 (%)	08/03/10	1.3	11/30/10	1.6	02/10/11	1.12	04/27/11	0.20
			O_2 (%)	08/03/10	17.7	11/30/10	19.3	02/10/11	19.3	04/27/11	19.6
			PID (ppm)	NS	NS	11/30/10	1593	02/10/11	432	04/27/11	296
	52	54	CO_2 (%)	08/03/10	1.1	11/30/10	1.9	02/10/11	1.06	04/27/11	0.30
			O_2 (%)	08/03/10	17.8	11/30/10	18.9	02/10/11	19.3	04/27/11	19.4
			PID (ppm)	NS	NS	11/30/10	1713	02/10/11	426	04/27/11	309
	77	79	CO_2 (%)	08/03/10	0.8	11/30/10	1.3	02/10/11	0.77	04/27/11	0.19
			O_2 (%)	08/03/10	18.3	11/30/10	19.2	02/10/11	19.6	04/27/11	19.8
			PID (ppm)	NS	NS	11/30/10	876	02/10/11	278	04/27/11	170
	102	104	CO_2 (%)	08/03/10	0.6	11/30/10	0.99	02/10/11	0.67	04/27/11	0.12
			O_2 (%)	08/03/10	18.4	11/30/10	19.7	02/10/11	19.9	04/27/11	20.1
			PID (ppm)	NS	NS	11/30/10	1600	02/10/11	119	04/27/11	115
	127	129	CO_2 (%)	08/03/10	0.6	11/30/10	0.9	02/10/11	0.62	04/27/11	0.91
			O_2 (%)	08/03/10	18.5	11/30/10	19.8	02/10/11	19.9	04/27/11	20.2
			PID (ppm)	NS	NS	11/30/10	428	02/10/11	146	04/27/11	78.4

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-24240	152	154	CO_2 (%)	08/03/10	0.5	11/30/10	0.84	02/10/11	0.5	04/27/11	0.94
			O_2 (%)	08/03/10	18.4	11/30/10	19.9	02/10/11	20.2	04/27/11	20.4
			PID (ppm)	NS	NS	11/30/10	342	02/10/11	117	04/27/11	91.3
54-24241	Ambient	Ambient	CO_2 (%)	08/03/10	0	11/30/10	0.03	01/26/11	0.05	05/03/11	0.0
			O_2 (%)	08/03/10	19.5	11/30/10	20.9	01/26/11	20.9	05/03/11	20.9
			PID (ppm)	NS	NS	11/30/10	0	01/26/11	0	05/03/11	0.0
	71	74	CO_2 (%)	08/03/10	1.5	11/30/10	1.8	01/26/11	1.06	05/03/11	0.41
			O_2 (%)	08/03/10	16.9	11/30/10	18.5	01/26/11	19.1	05/03/11	18.8
			PID (ppm)	NS	NS	11/30/10	565	01/26/11	155	05/03/11	116
	92	94	CO_2 (%)	08/03/10	1.3	11/30/10	1.5	01/26/11	0.57	05/03/11	0.34
			O_2 (%)	08/03/10	17.4	11/30/10	18.8	01/26/11	21.1	05/03/11	19.0
			PID (ppm)	NS	NS	11/30/10	470	01/26/11	79	05/03/11	103
	112	114	CO_2 (%)	08/03/10	1.2	11/30/10	1.2	01/26/11	0.47	05/03/11	0.22
			O_2 (%)	08/03/10	17.5	11/30/10	19.3	01/26/11	20.2	05/03/11	19.4
			PID (ppm)	NS	NS	11/30/10	279	01/26/11	50	05/03/11	77
	132	134	CO_2 (%)	08/03/10	0.9	11/30/10	1.1	01/26/11	0.05	05/03/11	0.87
			O_2 (%)	08/03/10	17.8	11/30/10	19.4	01/26/11	20.9	05/03/11	20.0
			PID (ppm)	NS	NS	11/30/10	283	01/26/11	0	05/03/11	355
	152	154	CO_2 (%)	08/03/10	0.8	11/30/10	0.98	01/26/11	0.27	05/03/11	0.11
			O_2 (%)	08/03/10	18.1	11/30/10	19.5	01/26/11	20.9	05/03/11	19.8
			PID (ppm)	NS	NS	11/30/10	269	01/26/11	24.8	05/03/11	48
	172	174	CO_2 (%)	08/03/10	0.8	11/30/10	0.65	01/26/11	0.25	05/03/11	0.97
			O_2 (%)	08/03/10	18.1	11/30/10	20.2	01/26/11	20.6	05/03/11	19.8
			PID (ppm)	NS	NS	11/30/10	96.6	01/26/11	19.7	05/03/11	42.7

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-24241	192	194	CO_2 (%)	08/03/10	0.8	11/30/10	0.73	01/26/11	0.24	05/03/11	0.10
			O_2 (%)	08/03/10	18.1	11/30/10	20.1	01/26/11	20.8	05/03/11	19.8
			PID (ppm)	NS	NS	11/30/10	188	01/26/11	18.9	05/03/11	44.5
54-24242	Ambient	Ambient	CO_2 (%)	08/04/10	0	12/02/10	0.03	02/07/11	0.03	05/10/11	0.0
			O_2 (%)	08/04/10	19.6	12/02/10	20.9	02/07/11	20.9	05/10/11	20.9
			PID (ppm)	NS	NS	NS	NS[f]	02/07/11	NS	05/10/11	0.0
	24	26	CO_2 (%)	08/04/10	1	12/02/10	1.2	02/07/11	0.73	05/10/11	1.9
			O_2 (%)	08/04/10	17.8	12/02/10	19.6	02/07/11	19.6	05/10/11	19.8
			PID (ppm)	NS	NS	12/02/10	419	02/07/11	158	05/10/11	91.9
	49	51	CO_2 (%)	08/04/10	1.1	12/02/10	1.2	02/07/11	0.88	05/10/11	2.4
			O_2 (%)	08/04/10	17.6	12/02/10	19.6	02/07/11	19.3	05/10/11	19.5
			PID (ppm)	NS	NS	12/02/10	312	02/07/11	202	05/10/11	93.8
	74	76	CO_2 (%)	08/04/10	1.1	12/02/10	0.67	02/07/11	0.51	05/10/11	2.6
			O_2 (%)	08/04/10	17.3	12/02/10	20.2	02/07/11	20	05/10/11	19.5
			PID (ppm)	NS	NS	12/02/10	189	02/07/11	95	05/10/11	103
	99	101	CO_2 (%)	08/04/10	1	12/02/10	1.3	02/07/11	0.95	05/10/11	2.6
			O_2 (%)	08/04/10	17.8	12/02/10	19.5	02/07/11	19.3	05/10/11	19.5
			PID (ppm)	NS	NS	12/02/10	554	02/07/11	236	05/10/11	108
	109.5	111.5	CO_2 (%)	08/04/10	1	12/02/10	0.24	02/07/11	0.8	05/10/11	2.4
			O_2 (%)	08/04/10	17.9	12/02/10	20.9	02/07/11	19.5	05/10/11	19.5
			PID (ppm)	NS	NS	12/02/10	72.1	02/07/11	194	05/10/11	88.6
54-24243	Ambient	Ambient	CO_2 (%)	08/12/10	0	12/10/10	0.03	03/01/11	0.05	05/11/11	0.0
			O_2 (%)	08/12/10	19.4	12/10/10	20.9	03/01/11	20.9	05/11/11	20.9
			PID (ppm)	NS	NS	12/10/10	0.1	03/01/11	0	05/11/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-24243	24	26	CO_2 (%)	08/12/10	1.3	12/10/10	1.3	03/01/11	0.53	05/11/11	2.4
			O_2 (%)	08/12/10	17.7	12/10/10	19.3	03/01/11	20	05/11/11	19.4
			PID (ppm)	NS	NS	12/10/10	365	03/01/11	22	05/11/11	68
	49	51	CO_2 (%)	08/12/10	1.7	12/10/10	1.9	03/01/11	1.4	05/11/11	4.5
			O_2 (%)	08/12/10	16.8	12/10/10	18.5	03/01/11	18.6	05/11/11	19.0
			PID (ppm)	NS	NS	12/10/10	420	03/01/11	140	05/11/11	69
	74	76	CO_2 (%)	08/12/10	1.7	12/10/10	1.8	03/01/11	1.3	05/11/11	4.6
			O_2 (%)	08/12/10	16.8	12/10/10	18.7	03/01/11	18.6	05/11/11	18.8
			PID (ppm)	NS	NS	12/10/10	447	03/01/11	136	05/11/11	84
	99	101	CO_2 (%)	08/12/10	1.5	12/10/10	1.6	03/01/11	1.1	05/11/11	3.6
			O_2 (%)	08/12/10	17.5	12/10/10	18.9	03/01/11	19	05/11/11	19.0
			PID (ppm)	NS	NS	12/10/10	437	03/01/11	119	05/11/11	77
	124	126	CO_2 (%)	08/12/10	1.1	12/10/10	1.5	03/01/11	1.2	05/11/11	3.0
			O_2 (%)	08/12/10	17.4	12/10/10	19.3	03/01/11	19	05/11/11	19.4
			PID (ppm)	NS	NS	12/10/10	267	03/01/11	85.4	05/11/11	55.9
54-24399	Ambient	Ambient	CO_2 (%)	08/17/10	0	NS[i]	NS[i]	03/24/11	0	NS[i]	NS[i]
			O_2 (%)	08/17/10	19.6	NS[i]	NS[i]	03/24/11	20.9	NS[i]	NS[i]
			PID (ppm)	NS	NS	NS[i]	NS[i]	03/24/11	NS	NS[i]	NS[i]
	550	608	CO_2 (%)	08/17/10	0	NS[i]	NS[i]	03/24/11	0	NS[i]	NS[i]
			O_2 (%)	08/17/10	19.5	NS[i]	NS[i]	03/24/11	20.9	NS[i]	NS[i]
			PID (ppm)	NS	NS	NS[i]	NS[i]	03/24/11	0	NS[i]	NS[i]
54-27641	Ambient	Ambient	CO_2 (%)	07/29/10	0	12/20/10	0.03	02/09/11	0.05	04/19/11	0.0
			O_2 (%)	07/29/10	20	12/20/10	20.9	02/09/11	20.9	04/19/11	20.9
			PID (ppm)	NS	NS	12/20/10	0	02/09/11	0	04/19/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-27641	29.5	34.5	CO_2 (%)	07/29/10	1.1	12/20/10	1.3	02/09/11	0.78	04/19/11	0.91
			O_2 (%)	07/29/10	18.5	12/20/10	19.5	02/09/11	19.8	04/19/11	19.8
			PID (ppm)	NS	NS	12/20/10	1563	02/09/11	420	04/19/11	209
	79.5	84.5	CO_2 (%)	07/29/10	0.8	12/20/10	0.84	02/09/11	0.64	04/19/11	0.83
			O_2 (%)	07/29/10	18.7	12/20/10	20	02/09/11	20.2	04/19/11	20.0
			PID (ppm)	NS	NS	12/20/10	NS[f]	02/09/11	156	04/19/11	86.9
	112.5	117.5	CO_2 (%)	07/29/10	0.6	12/20/10	0.78	02/09/11	0.60	04/19/11	0.79
			O_2 (%)	07/29/10	18.5	12/20/10	20.1	02/09/11	20.2	04/19/11	20.1
			PID (ppm)	NS	NS	12/20/10	338	02/09/11	119	04/19/11	68.3
	179.5	184.5	CO_2 (%)	07/29/10	0.6	12/20/10	0.64	02/09/11	0.45	04/19/11	0.70
			O_2 (%)	07/29/10	18.7	12/20/10	20.2	02/09/11	20.4	04/19/11	20.2
			PID (ppm)	NS	NS	12/20/10	190	02/09/11	53.9	04/19/11	45.9
	229.5	234.5	CO_2 (%)	07/29/10	0.6	12/20/10	52	02/09/11	0.52	04/19/11	0.56
			O_2 (%)	07/29/10	18.7	12/20/10	20.2	02/09/11	20.2	04/19/11	20.2
			PID (ppm)	NS	NS	12/20/10	118	02/09/11	118	04/19/11	30.4
	268.5	273.5	CO_2 (%)	07/29/10	0.5	12/20/10	0.4	02/09/11	0.32	04/19/11	0.47
			O_2 (%)	07/29/10	18.8	12/20/10	20.4	02/09/11	20.4	04/19/11	20.3
			PID (ppm)	NS	NS	12/20/10	49.9	02/09/11	18	04/19/11	15.7
	330	335	CO_2 (%)	07/29/10	0.2	12/20/10	0.21	02/09/11	0.20	04/19/11	0.21
			O_2 (%)	07/29/10	18.9	12/20/10	20.5	02/09/11	20.9	04/19/11	20.2
			PID (ppm)	NS	NS	12/20/10	5.1	02/09/11	1.5	04/19/11	0.5
54-27642	Ambient	Ambient	CO_2 (%)	07/27/10	0	12/01/10	0.03	01/28/11	0.05	05/05/11	0.0
			O_2 (%)	07/27/10	19.9	12/01/10	20.9	01/28/11	20.9	05/05/11	20.9
			PID (ppm)	NS	NS	12/01/10	0	01/28/11	0	05/05/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-27642	27.5	32.5	CO_2 (%)	07/27/10	1.7	12/01/10	0.25	01/28/11	0.73	05/05/11	OVR
			O_2 (%)	07/27/10	17.4	12/01/10	20.9	01/28/11	19.9	05/05/11	17.6
			PID (ppm)	NS	NS	12/01/10	325	01/28/11	75	05/05/11	97
	71.5	76.5	CO_2 (%)	07/27/10	0.4	12/01/10	0.07	01/28/11	0.07	05/05/11	3.2
			O_2 (%)	07/27/10	18.4	12/01/10	20.9	01/28/11	20.9	05/05/11	18.8
			PID (ppm)	NS	NS	12/01/10	6	01/28/11	6	05/05/11	89.1
	114.5	119.5	CO_2 (%)	07/27/10	1.7	12/01/10	0.07	01/28/11	0.07	05/05/11	OVR
			O_2 (%)	07/27/10	16.3	12/01/10	20.7	01/28/11	20.7	05/05/11	17.6
			PID (ppm)	NS	NS	12/01/10	14.7	01/28/11	14.7	05/05/11	97.1
	172.5	177.5	CO_2 (%)	07/27/10	0.8	12/01/10	0.05	01/28/11	0.05	05/05/11	3.1
			O_2 (%)	07/27/10	18.4	12/01/10	20.9	01/28/11	20.9	05/05/11	19.4
			PID (ppm)	NS	NS	12/01/10	2.9	01/28/11	2.9	05/05/11	71.8
	232.5	237.5	CO_2 (%)	07/27/10	0.7	12/01/10	0.04	01/28/11	0.04	05/05/11	0.97
			O_2 (%)	07/27/10	18.5	12/01/10	20.9	01/28/11	20.9	05/05/11	19.6
			PID (ppm)	NS	NS	12/01/10	3.8	01/28/11	3.8	05/05/11	47.8
	272.5	277.5	CO_2 (%)	07/27/10	0.5	12/01/10	0.89	01/28/11	0.89	05/05/11	0.0
			O_2 (%)	07/27/10	18.6	12/01/10	19.6	01/28/11	19.6	05/05/11	20.3
			PID (ppm)	NS	NS	12/01/10	232	01/28/11	232	05/05/11	0.0
	335.5	340.5	CO_2 (%)	07/27/10	0.2	12/01/10	0.9	01/28/11	0.9	05/05/11	0.25
			O_2 (%)	07/27/10	19	12/01/10	20.9	01/28/11	20.9	05/05/11	20.0
			PID (ppm)	NS	NS	12/01/10	233	01/28/11	233	05/05/11	6.0
54-27643	Ambient	Ambient	CO_2 (%)	08/16/10	0	12/13/10	0.04	03/08/11	0	05/17/11	0.0
			O_2 (%)	08/16/10	19.5	12/13/10	20.9	03/08/11	20.9	05/17/11	20.9
			PID (ppm)	NS	NS	12/13/10	0	03/08/11	0	05/17/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-27643	27.5	32.5	CO_2 (%)	08/16/10	0.8	12/13/10	0.6	03/08/11	0.98	05/17/11	1.1
			O_2 (%)	08/16/10	18.3	12/13/10	20.5	03/08/11	20.1	05/17/11	19.9
			PID (ppm)	NS	NS	12/13/10	58.9	03/08/11	35	05/17/11	16
	71.5	76.5	CO_2 (%)	08/16/10	0.8	12/13/10	0.52	03/08/11	1.2	05/17/11	1.5
			O_2 (%)	08/16/10	18.4	12/13/10	20.5	03/08/11	19.9	05/17/11	19.8
			PID (ppm)	NS	NS	12/13/10	83.5	03/08/11	50.6	05/17/11	34
	114.5	119.5	CO_2 (%)	08/16/10	0.7	12/13/10	0.48	03/08/11	0.99	05/17/11	1.4
			O_2 (%)	08/16/10	18.5	12/13/10	20.9	03/08/11	20	05/17/11	19.8
			PID (ppm)	NS	NS	12/13/10	91.9	03/08/11	53.8	05/17/11	36.8
	164.5	169.5	CO_2 (%)	08/16/10	0.6	12/13/10	0.32	03/08/11	0.77	05/17/11	0.94
			O_2 (%)	08/16/10	18.6	12/13/10	20.9	03/08/11	20.2	05/17/11	20.1
			PID (ppm)	NS	NS	12/13/10	71.1	03/08/11	59.6	05/17/11	36.3
	232.5	237.5	CO_2 (%)	08/16/10	0.5	12/13/10	0.34	03/08/11	0.62	05/17/11	0.79
			O_2 (%)	08/16/10	18.8	12/13/10	20.9	03/08/11	20.2	05/17/11	20.2
			PID (ppm)	NS	NS	12/13/10	83.9	03/08/11	61.1	05/17/11	35.1
	272.5	277.5	CO_2 (%)	08/16/10	0.4	12/13/10	0.39	03/08/11	0.43	05/17/11	0.54
			O_2 (%)	08/16/10	18.9	12/13/10	20.9	03/08/11	20.4	05/17/11	20.2
			PID (ppm)	NS	NS	12/13/10	83.9	03/08/11	40.7	05/17/11	24
	351.5	356.5	CO_2 (%)	08/16/10	0.2	12/13/10	0.21	03/08/11	0.15	05/17/11	0.23
			O_2 (%)	08/16/10	19.1	12/13/10	20.9	03/08/11	20.6	05/17/11	20.4
			PID (ppm)	NS	NS	12/13/10	21.6	03/08/11	9.4	05/17/11	5.3
54-610786	Ambient	Ambient	CO_2 (%)	08/20/10	0	12/08/10	0.04	03/03/11	0	05/12/11	0.0
			O_2 (%)	08/20/10	18.9	12/08/10	20.9	03/03/11	20.9	05/12/11	20.9
			PID (ppm)	NS	NS	12/08/10	0	03/03/11	0	05/12/11	0.0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010[b]		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result	Collection Date	Result	Collection Date	Result	Collection Date	Result
54-610786	22.5	27.5	CO_2 (%)			08/20/10	0.7	12/08/10	0.95	05/12/11	1.2
			O_2 (%)			08/20/10	18.1	12/08/10	19.7	05/12/11	19.7
			PID (ppm)			NS	NS	12/08/10	83.9	05/12/11	10.9
	47.5	52.5	CO_2 (%)			08/20/10	0.7	12/08/10	1.1	05/12/11	2.0
			O_2 (%)			08/20/10	17.9	12/08/10	19.6	05/12/11	19.6
			PID (ppm)			NS	NS	12/08/10	175	05/12/11	24
	72.5	77.5	CO_2 (%)			08/20/10	0.7	12/08/10	1	05/12/11	2.0
			O_2 (%)			08/20/10	18	12/08/10	19.7	05/12/11	19.7
			PID (ppm)			NS	NS	12/08/10	207	05/12/11	41.9
	97.5	102.5	CO_2 (%)			08/20/10	0.7	12/08/10	0.92	05/12/11	1.8
			O_2 (%)			08/20/10	17.8	12/08/10	19.8	05/12/11	19.7
			PID (ppm)			NS	NS	12/08/10	183	05/12/11	35.1
	116	121	CO_2 (%)			08/20/10	0.7	12/08/10	0.91	05/12/11	1.6
			O_2 (%)			08/20/10	17.9	12/08/10	19.8	05/12/11	19.8
			PID (ppm)			NS	NS	12/08/10	192	05/12/11	38.4

[a] bgs = Below ground surface.

[b] Samples taken with a LANDTEC GEM-2000 gas monitor.

[c] PID = Photoionization detector.

[d] NS = Not sampled.

[e] Blocked port.

[f] Sampler error.

[g] Partially blocked port. Results may not be representative of sample depth.

[h] OVR = Over instrument range.

[i] Packer trailer unsafe to operate.

Table D-1.0-2
Summary of VOCs Detected in Pore-Gas Samples at MDA L, in µg/m^3

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02001	37.5	42.5	Carbon Tetrachloride	08/04/10	1700	11/16/10	2000	02/18/11	1400	04/15/11	1400
			Chloroform	08/04/10	3500	11/16/10	4500	02/18/11	3500	04/15/11	3400
			Dichlorodifluoromethane	08/04/10	3600	11/16/10	4800	02/18/11	3100	04/15/11	2600
			Dichloroethane[1,1-]	08/04/10	**18000**	11/16/10	**21000**	02/18/11	**15000**	04/15/11	**13000**
			Dichloroethane[1,2-]	08/04/10	**49000**	11/16/10	**77000**	02/18/11	**64000**	04/15/11	**60000**
			Dichloroethene[1,1-]	08/04/10	**8700**	11/16/10	**11000**	02/18/11	**7000**	04/15/11	**5700**
			Dichloropropane[1,2-]	08/04/10	**1500**	11/16/10	**1700**	02/18/11	**1300**	04/15/11	**1200**
			Hexane	08/04/10	610	11/16/10	650	02/18/11	ND[b]	04/15/11	ND
			Methylene Chloride	08/04/10	**6500**	11/16/10	**9600**	02/18/11	**6300**	04/15/11	**4900**
			Tetrachloroethene	08/04/10	**110000**	11/16/10	**120000**	02/18/11	**82000**	04/15/11	**84000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	39000	11/16/10	44000	02/18/11	32000	04/15/11	32000
			Trichloroethane[1,1,1-]	08/04/10	**680000**	11/16/10	**730000**	02/18/11	**550000**	04/15/11	**550000**
			Trichloroethene	08/04/10	**350000**	11/16/10	**430000**	02/18/11	**380000**	04/15/11	**420000**
			Trichlorofluoromethane	08/04/10	4600	11/16/10	6500	02/18/11	4600	04/15/11	4400
	77.5	82.5	Carbon Tetrachloride	08/04/10	ND	11/16/10	2000	02/18/11	1900	04/15/11	1800
			Chloroform	08/04/10	4900	11/16/10	5000	02/18/11	5200	04/15/11	4300
			Dichlorodifluoromethane	08/04/10	4100	11/16/10	5500	02/18/11	4600	04/15/11	3500
			Dichloroethane[1,1-]	08/04/10	**23000**	11/16/10	**23000**	02/18/11	**21000**	04/15/11	**17000**
			Dichloroethane[1,2-]	08/04/10	**63000**	11/16/10	**87000**	02/18/11	**84000**	04/15/11	**73000**
			Dichloroethene[1,1-]	08/04/10	**13000**	11/16/10	**12000**	02/18/11	**12000**	04/15/11	**7700**
			Dichloropropane[1,2-]	08/04/10	**2200**	11/16/10	**2000**	02/18/11	**2000**	04/15/11	**1700**
			Hexane	08/04/10	940	11/16/10	650 (J)	02/18/11	990	04/15/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02001	77.5	82.5	Methylene Chloride	08/04/10	**14000**	11/16/10	**10000**	02/18/11	**13000**	04/15/11	**9600**
			Tetrachloroethene	08/04/10	**140000**	11/16/10	**130000**	02/18/11	**120000**	04/15/11	**110000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	44000	11/16/10	48000	02/18/11	41000	04/15/11	37000
			Trichloroethane[1,1,1-]	08/04/10	**890000**	11/16/10	**830000**	02/18/11	**810000**	04/15/11	**710000**
			Trichloroethene	08/04/10	**320000**	11/16/10	**440000**	02/18/11	**360000**	04/15/11	**360000**
			Trichlorofluoromethane	08/04/10	5700	11/16/10	7100	02/18/11	6700	04/15/11	5700
	117.5	122.5	Carbon Tetrachloride	08/04/10	ND	11/16/10	670	02/22/11	ND	04/15/11	ND
			Chloroform	08/04/10	3400	11/16/10	2400	02/22/11	4300	04/15/11	4100
			Dichlorodifluoromethane	08/04/10	2500	11/16/10	1700	02/22/11	3900	04/15/11	3500
			Dichloroethane[1,1-]	08/04/10	**16000**	11/16/10	**11000**	02/22/11	**18000**	04/15/11	**17000**
			Dichloroethane[1,2-]	08/04/10	**29000**	11/16/10	**20000**	02/22/11	**36000**	04/15/11	**34000**
			Dichloroethene[1,1-]	08/04/10	**14000**	11/16/10	**11000**	02/22/11	**17000**	04/15/11	**15000**
			Dichloropropane[1,2-]	08/04/10	**2200**	11/16/10	**1500**	02/22/11	**2600**	04/15/11	**2400**
			Methylene Chloride	08/04/10	**14000**	11/16/10	**9300**	02/22/11	**14000**	04/15/11	**12000**
			Tetrachloroethene	08/04/10	**58000**	11/16/10	**32000**	02/22/11	**59000**	04/15/11	**68000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	21000	11/16/10	15000	02/22/11	25000	04/15/11	26000
			Trichloroethane[1,1,1-]	08/04/10	**620000**	11/16/10	**390000**	02/22/11	**740000**	04/15/11	**750000**
			Trichloroethene	08/04/10	**140000**	11/16/10	**92000**	02/22/11	**170000**	04/15/11	**180000**
			Trichlorofluoromethane	08/04/10	3200	11/16/10	2300	02/22/11	4100	04/15/11	4000
	137.5	142.5	Carbon Tetrachloride	08/04/10	1400	11/16/10	ND	02/22/11	ND	04/15/11	ND
			Chloroform	08/04/10	4300	11/16/10	3500	02/22/11	4500	04/15/11	ND
			Dichlorodifluoromethane	08/04/10	3200	11/16/10	2300	02/22/11	3900	04/15/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02001	137.5	142.5	Dichloroethane[1,1-]	08/04/10	**20000**	11/16/10	**16000**	02/22/11	**19000**	04/15/11	ND
			Dichloroethane[1,2-]	08/04/10	**37000**	11/16/10	**30000**	02/22/11	**40000**	04/15/11	62
			Dichloroethene[1,1-]	08/04/10	**17000**	11/16/10	**12000**	02/22/11	**17000**	04/15/11	ND
			Dichloropropane[1,2-]	08/04/10	**3000**	11/16/10	**2300**	02/22/11	**2600**	04/15/11	ND
			Methylene Chloride	08/04/10	**20000**	11/16/10	**16000**	02/22/11	**17000**	04/15/11	ND
			Tetrachloroethene	08/04/10	**74000**	11/16/10	**85000**	02/22/11	**68000**	04/15/11	160
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	26000	11/16/10	22000	02/22/11	27000	04/15/11	ND
			Trichloroethane[1,1,1-]	08/04/10	**800000**	11/16/10	**660000**	02/22/11	**780000**	04/15/11	650
			Trichloroethene	08/04/10	**180000**	11/16/10	**170000**	02/22/11	**180000**	04/15/11	420
			Trichlorofluoromethane	08/04/10	4300	11/16/10	3100	02/22/11	4400	04/15/11	ND
54-02002	37.5	42.5	Benzene	08/05/10	**2200**	12/10/10	**2400**	03/02/11	**1600**	05/31/11	**1600**
			Carbon Tetrachloride	08/05/10	4400	12/10/10	4500	03/02/11	3600	05/31/11	3000
			Chlorobenzene	08/05/10	1200	12/10/10	ND	03/02/11	1200	05/31/11	940
			Chloroform	08/05/10	**24000**	12/10/10	**27000**	03/02/11	**21000**	05/31/11	**18000**
			Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	9800
			Dichlorodifluoromethane	08/05/10	1800	12/10/10	3400	03/02/11	1900	05/31/11	1500
			Dichloroethane[1,1-]	08/05/10	**13000**	12/10/10	**14000**	03/02/11	**11000**	05/31/11	**11000**
			Dichloroethane[1,2-]	08/05/10	**16000**	12/10/10	**18000**	03/02/11	**15000**	05/31/11	**12000**
			Dichloroethene[1,1-]	08/05/10	**38000**	12/10/10	**42000**	03/02/11	**32000**	05/31/11	**26000**
			Dichloropropane[1,2-]	08/05/10	**39000**	12/10/10	**42000**	03/02/11	**32000**	05/31/11	**32000**
			Ethanol	08/05/10	5200	12/10/10	4800	03/02/11	ND	05/31/11	4000
			Hexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	660
			Methylene Chloride	08/05/10	**52000**	12/10/10	**60000**	03/02/11	**42000**	05/31/11	**39000**
			Tetrachloroethene	08/05/10	**30000**	12/10/10	**32000**	03/02/11	**26000**	05/31/11	**22000**
			Tetrahydrofuran	08/05/10	900	12/10/10	ND	03/02/11	680	05/31/11	1000

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02002	37.5	42.5	Toluene	08/05/10	4100	12/10/10	6600	03/02/11	2700	05/31/11	2400
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	260000	12/10/10	300000	03/02/11	260000	05/31/11	230000
			Trichloroethane[1,1,1-]	08/05/10	**880000**	12/10/10	**970000**	03/02/11	**820000**	05/31/11	**600000**
			Trichloroethene	08/05/10	**220000**	12/10/10	**260000**	03/02/11	**200000**	05/31/11	**160000**
			Trichlorofluoromethane	08/05/10	18000	12/10/10	22000	03/02/11	15000	05/31/11	12000
			Xylene[1,2-]	08/05/10	1900	12/10/10	ND	03/02/11	1400	05/31/11	1600
	97.5	102.5	Benzene	08/05/10	**1300**	12/10/10	**2000**	03/02/11	**1200**	05/31/11	**1300**
			Carbon Tetrachloride	08/05/10	3600	12/10/10	4900	03/02/11	3200	05/31/11	2800
			Chlorobenzene	08/05/10	1000	12/10/10	ND	03/02/11	1100	05/31/11	980
			Chloroform	08/05/10	**21000**	12/10/10	**38000**	03/02/11	**24000**	05/31/11	**26000**
			Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	13000
			Dichlorodifluoromethane	08/05/10	1500	12/10/10	3700	03/02/11	1900	05/31/11	1700
			Dichloroethane[1,1-]	08/05/10	**15000**	12/10/10	**24000**	03/02/11	**14000**	05/31/11	**16000**
			Dichloroethane[1,2-]	08/05/10	**13000**	12/10/10	**22000**	03/02/11	**14000**	05/31/11	**13000**
			Dichloroethene[1,1-]	08/05/10	**26000**	12/10/10	**37000**	03/02/11	**24000**	05/31/11	**24000**
			Dichloropropane[1,2-]	08/05/10	**48000**	12/10/10	**78000**	03/02/11	**45000**	05/31/11	**50000**
			Ethanol	08/05/10	4600	12/10/10	6400	03/02/11	ND	05/31/11	4300
			Methylene Chloride	08/05/10	**31000**	12/10/10	**49000**	03/02/11	**27000**	05/31/11	**29000**
			Tetrachloroethene	08/05/10	**30000**	12/10/10	**47000**	03/02/11	**30000**	05/31/11	**28000**
			Tetrahydrofuran	08/05/10	16000	12/10/10	22000	03/02/11	14000	05/31/11	16000
			Toluene	08/05/10	3900	12/10/10	6400	03/02/11	3400	05/31/11	2700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	390000	12/10/10	720000	03/02/11	510000	05/31/11	500000
			Trichloroethane[1,1,1-]	08/05/10	**900000**	12/10/10	**1400000**	03/02/11	**930000**	05/31/11	**800000**
			Trichloroethene	08/05/10	**200000**	12/10/10	**350000**	03/02/11	**220000**	05/31/11	**200000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02002	97.5	102.5	Trichlorofluoromethane	08/05/10	11000	12/10/10	18000	03/02/11	10000	05/31/11	9700
			Xylene[1,2-]	08/05/10	1500	12/10/10	2500	03/02/11	1400	05/31/11	1400
			Xylene[1,3-]+Xylene[1,4-]	08/05/10	1200	12/10/10	ND	03/02/11	960	05/31/11	ND
	117.5	122.5	Benzene	08/05/10	**1800**	12/10/10	**2100**	03/02/11	**1500**	05/31/11	**1600**
			Carbon Tetrachloride	08/05/10	4200	12/10/10	4500	03/02/11	3400	05/31/11	3200
			Chlorobenzene	08/05/10	1300	12/10/10	ND	03/02/11	1200	05/31/11	990
			Chloroform	08/05/10	**24000**	12/10/10	**28000**	03/02/11	**22000**	05/31/11	**23000**
			Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	13000
			Dichlorodifluoromethane	08/05/10	1600	12/10/10	3100	03/02/11	1800	05/31/11	1800
			Dichloroethane[1,1-]	08/05/10	**15000**	12/10/10	**17000**	03/02/11	**12000**	05/31/11	**15000**
			Dichloroethane[1,2-]	08/05/10	**16000**	12/10/10	**20000**	03/02/11	**16000**	05/31/11	**15000**
			Dichloroethene[1,1-]	08/05/10	**33000**	12/10/10	**35000**	03/02/11	**28000**	05/31/11	**29000**
			Dichloropropane[1,2-]	08/05/10	**48000**	12/10/10	**56000**	03/02/11	**40000**	05/31/11	**46000**
			Ethanol	08/05/10	5900	12/10/10	7600	03/02/11	ND	05/31/11	5300
			Methylene Chloride	08/05/10	**44000**	12/10/10	**51000**	03/02/11	**36000**	05/31/11	**40000**
			Tetrachloroethene	08/05/10	**31000**	12/10/10	**37000**	03/02/11	**28000**	05/31/11	**26000**
			Tetrahydrofuran	08/05/10	6600	12/10/10	6700	03/02/11	5200	05/31/11	5900
			Toluene	08/05/10	4300	12/10/10	4500	03/02/11	3100	05/31/11	3000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	330000	12/10/10	400000	03/02/11	350000	05/31/11	370000
			Trichloroethane[1,1,1-]	08/05/10	**940000**	12/10/10	**1100000**	03/02/11	**900000**	05/31/11	**780000**
			Trichloroethene	08/05/10	**220000**	12/10/10	**270000**	03/02/11	**210000**	05/31/11	**200000**
			Trichlorofluoromethane	08/05/10	14000	12/10/10	18000	03/02/11	12000	05/31/11	12000
			Xylene[1,2-]	08/05/10	1800	12/10/10	2500	03/02/11	1500	05/31/11	1600
			Xylene[1,3-]+Xylene[1,4-]	08/05/10	1200	12/10/10	ND	03/02/11	ND	05/31/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02002	177.5	182.5	Benzene	08/05/10	**1800**	12/10/10	**2200**	03/02/11	**1400**	05/31/11	**1500**
			Carbon Tetrachloride	08/05/10	4100	12/10/10	5000	03/02/11	3200	05/31/11	2900
			Chlorobenzene	08/05/10	1300	12/10/10	ND	03/02/11	1200	05/31/11	990
			Chloroform	08/05/10	**22000**	12/10/10	**32000**	03/02/11	**22000**	05/31/11	**21000**
			Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	12000
			Dichlorodifluoromethane	08/05/10	1600	12/10/10	3500	03/02/11	1800	05/31/11	1800
			Dichloroethane[1,1-]	08/05/10	**14000**	12/10/10	**19000**	03/02/11	**12000**	05/31/11	**13000**
			Dichloroethane[1,2-]	08/05/10	**16000**	12/10/10	**22000**	03/02/11	**16000**	05/31/11	**14000**
			Dichloroethene[1,1-]	08/05/10	**32000**	12/10/10	**40000**	03/02/11	**28000**	05/31/11	**27000**
			Dichloropropane[1,2-]	08/05/10	**46000**	12/10/10	**61000**	03/02/11	**39000**	05/31/11	**42000**
			Ethanol	08/05/10	5700	12/10/10	8300	03/02/11	ND	05/31/11	ND
			Methylene Chloride	08/05/10	**43000**	12/10/10	**58000**	03/02/11	**37000**	05/31/11	**39000**
			Tetrachloroethene	08/05/10	**30000**	12/10/10	**38000**	03/02/11	**27000**	05/31/11	**24000**
			Tetrahydrofuran	08/05/10	5400	12/10/10	6200	03/02/11	4700	05/31/11	5700
			Toluene	08/05/10	3300	12/10/10	4300	03/02/11	2700	05/31/11	2600
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	310000	12/10/10	430000	03/02/11	320000	05/31/11	340000
			Trichloroethane[1,1,1-]	08/05/10	**900000**	12/10/10	**1200000**	03/02/11	**880000**	05/31/11	**730000**
			Trichloroethene	08/05/10	**220000**	12/10/10	**300000**	03/02/11	**200000**	05/31/11	**180000**
			Trichlorofluoromethane	08/05/10	14000	12/10/10	20000	03/02/11	12000	05/31/11	12000
			Xylene[1,2-]	08/05/10	1600	12/10/10	2200	03/02/11	1300	05/31/11	1400
54-02016	28.5	33.5	Carbon Tetrachloride	07/27/10	3300	11/29/10	3600	03/09/11	1900	05/06/11	2000
			Chloroform	07/27/10	**16000**	11/29/10	**21000**	03/09/11	15000	05/06/11	**16000**
			Dichlorodifluoromethane	07/27/10	4700	11/29/10	4700	03/09/11	9300	05/06/11	8600
			Dichloroethane[1,1-]	07/27/10	**24000**	11/29/10	**29000**	03/09/11	**16000**	05/06/11	**17000**
			Dichloroethane[1,2-]	07/27/10	**230000**	11/29/10	**270000**	03/09/11	**190000**	05/06/11	**200000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02016	28.5	33.5	Dichloroethene[1,1-]	07/27/10	**39000**	11/29/10	**37000**	03/09/11	**23000**	05/06/11	**22000**
			Dichloropropane[1,2-]	07/27/10	**36000**	11/29/10	**45000**	03/09/11	**23000**	05/06/11	**26000**
			Tetrachloroethene	07/27/10	**30000**	11/29/10	**40000**	03/09/11	**21000**	05/06/11	**25000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	1000000	11/29/10	1300000	03/09/11	900000	05/06/11	970000
			Trichloroethane[1,1,1-]	07/27/10	**1200000**	11/29/10	**1300000**	03/09/11	**820000**	05/06/11	**770000**
			Trichloroethene	07/27/10	**300000**	11/29/10	**390000**	03/09/11	**240000**	05/06/11	**250000**
			Trichlorofluoromethane	07/27/10	8200	11/29/10	7200	03/09/11	5200	05/06/11	4900
	79.5	84.5	Carbon Tetrachloride	07/27/10	2400	11/29/10	3500	03/09/11	440	05/06/11	3000
			Chloroform	07/27/10	6400	11/29/10	15000	03/09/11	2300	05/06/11	**21000**
			Dichlorodifluoromethane	07/27/10	3200	11/29/10	6100	03/09/11	2600	05/06/11	22000
			Dichloroethane[1,1-]	07/27/10	**13000**	11/29/10	**27000**	03/09/11	3200	05/06/11	**22000**
			Dichloroethane[1,2-]	07/27/10	**22000**	11/29/10	**60000**	03/09/11	**11000**	05/06/11	**360000**
			Dichloroethene[1,1-]	07/27/10	**26000**	11/29/10	**46000**	03/09/11	**5800**	05/06/11	**23000**
			Dichloropropane[1,2-]	07/27/10	**11000**	11/29/10	**20000**	03/09/11	**2800**	05/06/11	**100000**
			Methylene Chloride	07/27/10	ND	11/29/10	ND	03/09/11	ND	05/06/11	**2900**
			Tetrachloroethene	07/27/10	**23000**	11/29/10	**28000**	03/09/11	**5000**	05/06/11	**31000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	720000	11/29/10	1900000	03/09/11	260000	05/06/11	590000
			Trichloroethane[1,1,1-]	07/27/10	**880000**	11/29/10	**1400000**	03/09/11	**210000**	05/06/11	**930000**
			Trichloroethene	07/27/10	**200000**	11/29/10	**290000**	03/09/11	**52000**	05/06/11	**290000**
			Trichlorofluoromethane	07/27/10	5800	11/29/10	8700	03/09/11	1400	05/06/11	6400
54-02021	10	30	Carbon Tetrachloride	07/28/10	160	11/17/10	ND	01/21/11	120	04/08/11	110
			Chloroform	07/28/10	430	11/17/10	280	01/21/11	410	04/08/11	350
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	1200	04/08/11	ND
			Dichlorodifluoromethane	07/28/10	360	11/17/10	200	01/21/11	420	04/08/11	380

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02021	10	30	Dichloroethane[1,1-]	07/28/10	2100	11/17/10	1400	01/21/11	2000	04/08/11	1800
			Dichloroethane[1,2-]	07/28/10	**1200**	11/17/10	**760**	01/21/11	**1200**	04/08/11	**1100**
			Dichloroethene[1,1-]	07/28/10	2900	11/17/10	1500	01/21/11	2500	04/08/11	2300
			Dichloropropane[1,2-]	07/28/10	270	11/17/10	180	01/21/11	260	04/08/11	220
			Tetrachloroethene	07/28/10	**4100**	11/17/10	**4300**	01/21/11	**4300**	04/08/11	**3900**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	2600	11/17/10	1800	01/21/11	2300	04/08/11	2300
			Trichloroethane[1,1,1-]	07/28/10	**100000**	11/17/10	**59000**	01/21/11	**74000**	04/08/11	**82000**
			Trichloroethene	07/28/10	**20000**	11/17/10	**15000**	01/21/11	**18000**	04/08/11	**18000**
			Trichlorofluoromethane	07/28/10	550	11/17/10	270	01/21/11	410	04/08/11	410
	90	110	Carbon Tetrachloride	07/28/10	520	11/17/10	610	01/21/11	ND	04/08/11	290
			Chloroform	07/28/10	1100	11/17/10	1400	01/21/11	1400	04/08/11	790
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	4700	04/08/11	ND
			Dichlorodifluoromethane	07/28/10	1200	11/17/10	1100	01/21/11	1600	04/08/11	890
			Dichloroethane[1,1-]	07/28/10	**6300**	11/17/10	**6500**	01/21/11	**7300**	04/08/11	3800
			Dichloroethane[1,2-]	07/28/10	**6800**	11/17/10	**8000**	01/21/11	**8700**	04/08/11	**4700**
			Dichloroethene[1,1-]	07/28/10	**7600**	11/17/10	**9300**	01/21/11	**9100**	04/08/11	4700
			Dichloropropane[1,2-]	07/28/10	**980**	11/17/10	**1000**	01/21/11	**1100**	04/08/11	570
			Methylene Chloride	07/28/10	**2600**	11/17/10	**2600**	01/21/11	**2700**	04/08/11	**1400**
			Tetrachloroethene	07/28/10	**10000**	11/17/10	**12000**	01/21/11	**12000**	04/08/11	**7700**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	7700	11/17/10	8800	01/21/11	9000	04/08/11	5500
			Trichloroethane[1,1,1-]	07/28/10	**280000**	11/17/10	**300000**	01/21/11	**290000**	04/08/11	**190000**
			Trichloroethene	07/28/10	**56000**	11/17/10	**59000**	01/21/11	**63000**	04/08/11	**40000**
			Trichlorofluoromethane	07/28/10	1500	11/17/10	1500	01/21/11	1700	04/08/11	930

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02021	110	130	Benzene	07/28/10	ND	11/17/10	ND	01/21/11	ND	04/08/11	540
			Carbon Tetrachloride	07/28/10	400	11/17/10	510	01/21/11	400	04/08/11	ND
			Chloroform	07/28/10	1000	11/17/10	1400	01/21/11	1100	04/08/11	1000
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	3600	04/08/11	ND
			Dichlorodifluoromethane	07/28/10	1100	11/17/10	1200	01/21/11	1300	04/08/11	1200
			Dichloroethane[1,1-]	07/28/10	5000	11/17/10	**6400**	01/21/11	5400	04/08/11	4600
			Dichloroethane[1,2-]	07/28/10	**5500**	11/17/10	**7400**	01/21/11	**6100**	04/08/11	**5600**
			Dichloroethene[1,1-]	07/28/10	**7400**	11/17/10	**10000**	01/21/11	**7200**	04/08/11	**6300**
			Dichloropropane[1,2-]	07/28/10	**780**	11/17/10	**970**	01/21/11	**790**	04/08/11	**660**
			Methylene Chloride	07/28/10	**2600**	11/17/10	**3100**	01/21/11	**2600**	04/08/11	**2200**
			Tetrachloroethene	07/28/10	**8100**	11/17/10	**11000**	01/21/11	**8900**	04/08/11	**8500**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	7500	11/17/10	9800	01/21/11	7100	04/08/11	7000
			Trichloroethane[1,1,1-]	07/28/10	**250000**	11/17/10	**290000**	01/21/11	**220000**	04/08/11	**240000**
			Trichloroethene	07/28/10	**50000**	11/17/10	**58000**	01/21/11	**48000**	04/08/11	**49000**
			Trichlorofluoromethane	07/28/10	1400	11/17/10	1600	01/21/11	1200	04/08/11	1200
	130	150	Carbon Tetrachloride	07/28/10	600	11/17/10	610	01/21/11	600	04/08/11	ND
			Chloroform	07/28/10	1200	11/17/10	1200	01/21/11	1500	04/08/11	990
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	5100	04/08/11	ND
			Dichlorodifluoromethane	07/28/10	1600	11/17/10	1300	01/21/11	1900	04/08/11	1200
			Dichloroethane[1,1-]	07/28/10	**5900**	11/17/10	**6100**	01/21/11	**7300**	04/08/11	4400
			Dichloroethane[1,2-]	07/28/10	**6000**	11/17/10	**6300**	01/21/11	**7300**	04/08/11	**4600**
			Dichloroethene[1,1-]	07/28/10	**9700**	11/17/10	**10000**	01/21/11	**11000**	04/08/11	**6400**
			Dichloropropane[1,2-]	07/28/10	**810**	11/17/10	**880**	01/21/11	**940**	04/08/11	600
			Methylene Chloride	07/28/10	**4100**	11/17/10	**3600**	01/21/11	**4200**	04/08/11	**2600**
			Tetrachloroethene	07/28/10	**9300**	11/17/10	**11000**	01/21/11	**11000**	04/08/11	**8000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02021	130	150	Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	9200	11/17/10	9600	01/21/11	10000	04/08/11	7700
			Trichloroethane[1,1,1-]	07/28/10	**300000**	11/17/10	**290000**	01/21/11	**320000**	04/08/11	**230000**
			Trichloroethene	07/28/10	**60000**	11/17/10	**62000**	01/21/11	**67000**	04/08/11	**49000**
			Trichlorofluoromethane	07/28/10	1700	11/17/10	1600	01/21/11	1900	04/08/11	1300
54-02022	37.5	42.5	Chloroform	08/02/10	1300	12/06/10	1800	02/11/11	920	04/12/11	890
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	3400	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	1200	12/06/10	1900	02/11/11	890	04/12/11	870
			Dichloroethane[1,1-]	08/02/10	**7600**	12/06/10	**8300**	02/11/11	5200	04/12/11	4700
			Dichloroethane[1,2-]	08/02/10	**8100**	12/06/10	**9200**	02/11/11	**5600**	04/12/11	**5200**
			Dichloroethene[1,1-]	08/02/10	**6400**	12/06/10	**6600**	02/11/11	4200	04/12/11	3400
			Dichloroethene[cis-1,2-]	08/02/10	ND	12/06/10	ND	02/11/11	1600	04/12/11	ND
			Dichloropropane[1,2-]	08/02/10	**960**	12/06/10	**1300**	02/11/11	**640**	04/12/11	600
			Methylene Chloride	08/02/10	270 (J)	12/06/10	ND	02/11/11	170 (J)	04/12/11	ND
			Tetrachloroethene	08/02/10	**22000**	12/06/10	**31000**	02/11/11	**16000**	04/12/11	**16000**
			Toluene	08/02/10	ND	12/06/10	ND	02/11/11	260	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	8500	12/06/10	10000	02/11/11	6100	04/12/11	6300
			Trichloroethane[1,1,1-]	08/02/10	**340000**	12/06/10	**370000**	02/11/11	**220000**	04/12/11	**210000**
			Trichloroethene	08/02/10	**74000**	12/06/10	**91000**	02/11/11	**54000**	04/12/11	**56000**
			Trichlorofluoromethane	08/02/10	1400	12/06/10	1700	02/11/11	940	04/12/11	910
			Vinyl Chloride	08/02/10	ND	12/06/10	ND	02/11/11	320	04/12/11	ND
	77.5	82.5	Benzene	08/02/10	ND	12/06/10	ND	02/11/11	460	04/12/11	ND
			Chloroform	08/02/10	1600	12/06/10	2000	02/11/11	510	04/12/11	1100
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	2100	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	1500	12/06/10	2400	02/11/11	500	04/12/11	1200

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-0202	77.5	82.5	Dichloroethane[1,1-]	08/02/10	**8900**	12/06/10	**10000**	02/11/11	2700	04/12/11	**5900**
			Dichloroethane[1,2-]	08/02/10	**11000**	12/06/10	**14000**	02/11/11	**3500**	04/12/11	**8000**
			Dichloroethene[1,1-]	08/02/10	**8100**	12/06/10	**8700**	02/11/11	2600	04/12/11	5000
			Dichloroethene[cis-1,2-]	08/02/10	ND	12/06/10	ND	02/11/11	320	04/12/11	ND
			Dichloropropane[1,2-]	08/02/10	**1300**	12/06/10	**2000**	02/11/11	360	04/12/11	**830**
			Hexane	08/02/10	ND	12/06/10	ND	02/11/11	890	04/12/11	ND
			Methylene Chloride	08/02/10	**2000**	12/06/10	**2400**	02/11/11	540	04/12/11	**1100**
			n-Heptane	08/02/10	ND	12/06/10	ND	02/11/11	220	04/12/11	ND
			Tetrachloroethene	08/02/10	**22000**	12/06/10	**27000**	02/11/11	**7200**	04/12/11	**17000**
			Toluene	08/02/10	ND	12/06/10	ND	02/11/11	230	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	8600	12/06/10	12000	02/11/11	2800	04/12/11	7000
			Trichloroethane[1,1,1-]	08/02/10	**410000**	12/06/10	**470000**	02/11/11	**120000**	04/12/11	**290000**
			Trichloroethene	08/02/10	**81000**	12/06/10	**98000**	02/11/11	**25000**	04/12/11	**64000**
			Trichlorofluoromethane	08/02/10	1700	12/06/10	2200	02/11/11	510	04/12/11	1200
			Xylene[1,3-]+Xylene[1,4-]	08/02/10	ND	12/06/10	ND	02/11/11	100	04/12/11	ND
	117.5	122.5	Chloroform	08/02/10	1800	12/06/10	1900	02/11/11	910	04/12/11	1400
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	3400	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	1700	12/06/10	2500	02/11/11	940	04/12/11	1500
			Dichloroethane[1,1-]	08/02/10	**9400**	12/06/10	**9200**	02/11/11	4600	04/12/11	**6700**
			Dichloroethane[1,2-]	08/02/10	**10000**	12/06/10	**11000**	02/11/11	**5200**	04/12/11	**8300**
			Dichloroethene[1,1-]	08/02/10	**11000**	12/06/10	**10000**	02/11/11	5500	04/12/11	**7500**
			Dichloroethene[cis-1,2-]	08/02/10	ND	12/06/10	ND	02/11/11	2300	04/12/11	ND
			Dichloropropane[1,2-]	08/02/10	**1400**	12/06/10	**1700**	02/11/11	**630**	04/12/11	**970**
			Methylene Chloride	08/02/10	**3000**	12/06/10	**2900**	02/11/11	**1300**	04/12/11	**1900**
			Tetrachloroethene	08/02/10	**18000**	12/06/10	**18000**	02/11/11	**9100**	04/12/11	**15000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-0202	117.5	122.5	Toluene	08/02/10	ND	12/06/10	ND	02/11/11	320	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	9000	12/06/10	9900	02/11/11	4600	04/12/11	7600
			Trichloroethane[1,1,1-]	08/02/10	**460000**	12/06/10	**450000**	02/11/11	**210000**	04/12/11	**350000**
			Trichloroethene	08/02/10	**87000**	12/06/10	**89000**	02/11/11	**41000**	04/12/11	**70000**
			Trichlorofluoromethane	08/02/10	1900	12/06/10	2100	02/11/11	920	04/12/11	1500
			Vinyl Chloride	08/02/10	ND	12/06/10	ND	02/11/11	800	04/12/11	ND
	137.5	142.5	Chloroform	08/02/10	1600	12/06/10	1900	02/11/11	490	04/12/11	1400
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	2000	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	1700	12/06/10	2800	02/11/11	580	04/12/11	1800
			Dichloroethane[1,1-]	08/02/10	**8000**	12/06/10	**8400**	02/11/11	2400	04/12/11	**6600**
			Dichloroethane[1,2-]	08/02/10	**6600**	12/06/10	**8100**	02/11/11	**2200**	04/12/11	**5900**
			Dichloroethene[1,1-]	08/02/10	**13000**	12/06/10	**13000**	02/11/11	3600	04/12/11	**9700**
			Dichloropropane[1,2-]	08/02/10	**980**	12/06/10	**1500**	02/11/11	300	04/12/11	**810**
			Methylene Chloride	08/02/10	**5400**	12/06/10	**6000**	02/11/11	**1300**	04/12/11	**4100**
			Tetrachloroethene	08/02/10	**12000**	12/06/10	**14000**	02/11/11	**4600**	04/12/11	**12000**
			Toluene	08/02/10	ND	12/06/10	ND	02/11/11	140	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	8800	12/06/10	11000	02/11/11	2800	04/12/11	8300
			Trichloroethane[1,1,1-]	08/02/10	**430000**	12/06/10	**450000**	02/11/11	**120000**	04/12/11	**370000**
			Trichloroethene	08/02/10	**82000**	12/06/10	**87000**	02/11/11	**24000**	04/12/11	**73000**
			Trichlorofluoromethane	08/02/10	2000	12/06/10	2300	02/11/11	560	04/12/11	1800
54-02023	30	50	Carbon Tetrachloride	08/05/10	210	12/16/10	220	03/11/11	ND	05/26/11	140
			Chloroform	08/05/10	1600	12/16/10	1800	03/11/11	320	05/26/11	1200
			Dichlorodifluoromethane	08/05/10	240	12/16/10	390	03/11/11	55	05/26/11	190
			Dichloroethane[1,1-]	08/05/10	550	12/16/10	580	03/11/11	110	05/26/11	460

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02023	30	50	Dichloroethane[1,2-]	08/05/10	78	12/16/10	ND	03/11/11	ND	05/26/11	62
			Dichloroethene[1,1-]	08/05/10	2900	12/16/10	3200	03/11/11	600	05/26/11	2300
			Dichloropropane[1,2-]	08/05/10	500	12/16/10	570	03/11/11	94	05/26/11	410
			Methylene Chloride	08/05/10	50	12/16/10	ND	03/11/11	ND	05/26/11	40
			Tetrachloroethene	08/05/10	1700	12/16/10	1800	03/11/11	280	05/26/11	1400
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	14000	12/16/10	15000	03/11/11	2500	05/26/11	9300
			Trichloroethane[1,1,1-]	08/05/10	**51000**	12/16/10	**56000**	03/11/11	10000	05/26/11	38000
			Trichloroethene	08/05/10	**14000**	12/16/10	**16000**	03/11/11	**2600**	05/26/11	**11000**
			Trichlorofluoromethane	08/05/10	1800	12/16/10	2100	03/11/11	350	05/26/11	1300
	90	110	Benzene	08/05/10	130	12/16/10	130	03/11/11	100	05/26/11	97
			Carbon Tetrachloride	08/05/10	440	12/16/10	410	03/11/11	330	05/26/11	270
			Chloroform	08/05/10	2800	12/16/10	2800	03/11/11	2300	05/26/11	1900
			Dichlorodifluoromethane	08/05/10	420	12/16/10	640	03/11/11	380	05/26/11	320
			Dichloroethane[1,1-]	08/05/10	960	12/16/10	910	03/11/11	800	05/26/11	700
			Dichloroethane[1,2-]	08/05/10	**250**	12/16/10	**260**	03/11/11	200	05/26/11	180
			Dichloroethene[1,1-]	08/05/10	**5600**	12/16/10	5400	03/11/11	4900	05/26/11	4000
			Dichloropropane[1,2-]	08/05/10	**830**	12/16/10	**800**	03/11/11	**640**	05/26/11	580
			Methylene Chloride	08/05/10	650	12/16/10	640	03/11/11	530	05/26/11	450
			Tetrachloroethene	08/05/10	3000	12/16/10	2600	03/11/11	1900	05/26/11	1900
			Toluene	08/05/10	110	12/16/10	ND	03/11/11	97	05/26/11	78
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	25000	12/16/10	24000	03/11/11	19000	05/26/11	15000
			Trichloroethane[1,1,1-]	08/05/10	**86000**	12/16/10	**84000**	03/11/11	**73000**	05/26/11	**56000**
			Trichloroethene	08/05/10	**26000**	12/16/10	**26000**	03/11/11	**20000**	05/26/11	**17000**
			Trichlorofluoromethane	08/05/10	3300	12/16/10	3400	03/11/11	2500	05/26/11	2100

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02023	110	130	Trichloroethane[1,1,1-]	08/05/10	1200	NS[c]	NS	NS	NS	NS	NS
			Trichloroethene	08/05/10	600	NS	NS	NS	NS	NS	NS
	130	150	Benzene	NS	NS	NS	NS	NS	NS	05/26/11	170
			Carbon Tetrachloride	NS	NS	NS	NS	NS	NS	05/26/11	460
			Chloroform	NS	NS	NS	NS	NS	NS	05/26/11	2200
			Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	05/26/11	440
			Dichloroethane[1,1-]	NS	NS	NS	NS	NS	NS	05/26/11	760
			Dichloroethane[1,2-]	NS	NS	NS	NS	NS	NS	05/26/11	130
			Dichloroethene[1,1-]	NS	NS	NS	NS	NS	NS	05/26/11	5300
			Dichloropropane[1,2-]	NS	NS	NS	NS	NS	NS	05/26/11	530
			Methylene Chloride	NS	NS	NS	NS	NS	NS	05/26/11	220
			Tetrachloroethene	NS	NS	NS	NS	NS	NS	05/26/11	2300
			Toluene	NS	NS	NS	NS	NS	NS	05/26/11	100
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	NS	NS	NS	NS	05/26/11	20000
			Trichloroethane[1,1,1-]	NS	NS	NS	NS	NS	NS	05/26/11	**67000**
			Trichloroethene	NS	NS	NS	NS	NS	NS	05/26/11	**22000**
			Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	05/26/11	2800
	149	169	Benzene	08/05/10	250	12/16/10	200	03/11/11	160	05/26/11	150
			Carbon Tetrachloride	08/05/10	840	12/16/10	660	03/11/11	510	05/26/11	440
			Chloroform	08/05/10	3100	12/16/10	2600	03/11/11	2000	05/26/11	1800
			Dichlorodifluoromethane	08/05/10	660	12/16/10	840	03/11/11	480	05/26/11	430
			Dichloroethane[1,1-]	08/05/10	990	12/16/10	810	03/11/11	660	05/26/11	610
			Dichloroethane[1,2-]	08/05/10	160	12/16/10	ND	03/11/11	110	05/26/11	95
			Dichloroethene[1,1-]	08/05/10	**8400**	12/16/10	**6700**	03/11/11	**5900**	05/26/11	4900
			Dichloropropane[1,2-]	08/05/10	600	12/16/10	530	03/11/11	360	05/26/11	370

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02023	149	169	Methylene Chloride	08/05/10	**720**	12/16/10	490	03/11/11	420	05/26/11	360
			Tetrachloroethene	08/05/10	3200	12/16/10	2400	03/11/11	1700	05/26/11	1800
			Toluene	08/05/10	140	12/16/10	ND	03/11/11	120	05/26/11	50
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	35000	12/16/10	28000	03/11/11	22000	05/26/11	18000
			Trichloroethane[1,1,1-]	08/05/10	**99000**	12/16/10	**82000**	03/11/11	**68000**	05/26/11	**55000**
			Trichloroethene	08/05/10	**32000**	12/16/10	**27000**	03/11/11	**20000**	05/26/11	**18000**
			Trichlorofluoromethane	08/05/10	4500	12/16/10	4000	03/11/11	2800	05/26/11	2600
54-02024	30	50	Benzene	08/10/10	66	12/14/10	69	03/10/11	47	05/27/11	62
			Carbon Tetrachloride	08/10/10	360	12/14/10	400	03/10/11	270	05/27/11	290
			Chloroform	08/10/10	2500	12/14/10	2900	03/10/11	2100	05/27/11	2400
			Cyclohexane	08/10/10	ND	12/14/10	780	03/10/11	ND	05/27/11	ND
			Dichlorodifluoromethane	08/10/10	210	12/14/10	260	03/10/11	200	05/27/11	210
			Dichloroethane[1,1-]	08/10/10	1000	12/14/10	1200	03/10/11	850	05/27/11	940
			Dichloroethane[1,2-]	08/10/10	**250**	12/14/10	**330**	03/10/11	230	05/27/11	**260**
			Dichloroethene[1,1-]	08/10/10	3100	12/14/10	3600	03/10/11	2700	05/27/11	2800
			Dichloropropane[1,2-]	08/10/10	**2000**	12/14/10	**2300**	03/10/11	**1500**	05/27/11	**1800**
			Tetrachloroethene	08/10/10	3000	12/14/10	3200	03/10/11	2100	05/27/11	2700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	18000	12/14/10	19000	03/10/11	15000	05/27/11	15000
			Trichloroethane[1,1,1-]	08/10/10	**74000**	12/14/10	**79000**	03/10/11	**64000**	05/27/11	**64000**
			Trichloroethene	08/10/10	**20000**	12/14/10	**21000**	03/10/11	**16000**	05/27/11	**17000**
			Trichlorofluoromethane	08/10/10	2100	12/14/10	2300	03/10/11	1700	05/27/11	1900
	90	110	Benzene	08/10/10	260	12/14/10	280	03/10/11	220	05/27/11	150
			Carbon Tetrachloride	08/10/10	820	12/14/10	840	03/10/11	700	05/27/11	460
			Chloroform	08/10/10	4900	12/14/10	5400	03/10/11	4100	05/27/11	3500

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02024	90	110	Cyclohexane	08/10/10	2000	12/14/10	1500	03/10/11	ND	05/27/11	ND
			Dichlorodifluoromethane	08/10/10	420	12/14/10	550	03/10/11	490	05/27/11	340
			Dichloroethane[1,1-]	08/10/10	1700	12/14/10	2000	03/10/11	980	05/27/11	1300
			Dichloroethane[1,2-]	08/10/10	**870**	12/14/10	**1000**	03/10/11	**760**	05/27/11	**560**
			Dichloroethene[1,1-]	08/10/10	**6700**	12/14/10	**8200**	03/10/11	3900	05/27/11	4500
			Dichloropropane[1,2-]	08/10/10	**3200**	12/14/10	**3700**	03/10/11	**2600**	05/27/11	**2500**
			Methylene Chloride	08/10/10	**1400**	12/14/10	**1400**	03/10/11	**670**	05/27/11	590
			Tetrachloroethene	08/10/10	**5400**	12/14/10	**5800**	03/10/11	**4200**	05/27/11	**3600**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	36000	12/14/10	39000	03/10/11	26000	05/27/11	22000
			Trichloroethane[1,1,1-]	08/10/10	**130000**	12/14/10	**150000**	03/10/11	**130000**	05/27/11	**92000**
			Trichloroethene	08/10/10	**37000**	12/14/10	**40000**	03/10/11	**32000**	05/27/11	**25000**
	90	110	Trichlorofluoromethane	08/10/10	4700	12/14/10	5200	03/10/11	4200	05/27/11	3000
	130	150	Benzene	08/10/10	440	NS	NS	NS	NS	05/27/11	380
			Carbon Tetrachloride	08/10/10	1000	NS	NS	NS	NS	05/27/11	800
			Chloroform	08/10/10	5600	NS	NS	NS	NS	05/27/11	4800
			Dichlorodifluoromethane	08/10/10	520	NS	NS	NS	NS	05/27/11	570
			Dichloroethane[1,1-]	08/10/10	1700	NS	NS	NS	NS	05/27/11	1600
			Dichloroethane[1,2-]	08/10/10	**1000**	NS	NS	NS	NS	05/27/11	**900**
			Dichloroethene[1,1-]	08/10/10	**8100**	NS	NS	NS	NS	05/27/11	**7900**
			Dichloropropane[1,2-]	08/10/10	**2800**	NS	NS	NS	NS	05/27/11	**2600**
			Methylene Chloride	08/10/10	**3900**	NS	NS	NS	NS	05/27/11	**3300**
			Tetrachloroethene	08/10/10	**5800**	NS	NS	NS	NS	05/27/11	**4800**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	38000	NS	NS	NS	NS	05/27/11	32000
			Trichloroethane[1,1,1-]	08/10/10	**140000**	NS	NS	NS	NS	05/27/11	**120000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02024	130	150	Trichloroethene	08/10/10	**43000**	NS	NS	NS	NS	05/27/11	**36000**
			Trichlorofluoromethane	08/10/10	5100	NS	NS	NS	NS	05/27/11	4800
	150	170	Benzene	08/10/10	500	12/14/10	500	03/10/11	380	05/27/11	420
			Carbon Tetrachloride	08/10/10	1100	12/14/10	1000	03/10/11	820	05/27/11	770
			Chloroform	08/10/10	5700	12/14/10	5400	03/10/11	4800	05/27/11	4600
			Cyclohexane	08/10/10	ND	12/14/10	1400	03/10/11	ND	05/27/11	ND
			Dichlorodifluoromethane	08/10/10	570	12/14/10	700	03/10/11	660	05/27/11	610
			Dichloroethane[1,1-]	08/10/10	1600	12/14/10	1600	03/10/11	1400	05/27/11	1400
			Dichloroethane[1,2-]	08/10/10	**940**	12/14/10	**1000**	03/10/11	**870**	05/27/11	**840**
			Dichloroethene[1,1-]	08/10/10	**8900**	12/14/10	**10000**	03/10/11	**9100**	05/27/11	**7800**
			Dichloropropane[1,2-]	08/10/10	**2600**	12/14/10	**2600**	03/10/11	**2000**	05/27/11	**2200**
			Methylene Chloride	08/10/10	**5300**	12/14/10	**4800**	03/10/11	**5000**	05/27/11	**4400**
			Tetrachloroethene	08/10/10	**5800**	12/14/10	**5100**	03/10/11	**3900**	05/27/11	**4500**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	41000	12/14/10	41000	03/10/11	37000	05/27/11	37000
			Trichloroethane[1,1,1-]	08/10/10	**140000**	12/14/10	**130000**	03/10/11	**120000**	05/27/11	**110000**
			Trichloroethene	08/10/10	**43000**	12/14/10	**40000**	03/10/11	**35000**	05/27/11	**34000**
			Trichlorofluoromethane	08/10/10	5400	12/14/10	5900	03/10/11	5100	05/27/11	4700
54-02025	20	20	Carbon Tetrachloride	08/09/10	990	12/10/10	940	02/25/11	860	05/18/11	840
			Chloroform	08/09/10	6000	12/10/10	6400	02/25/11	6200	05/18/11	6200
			Dichlorodifluoromethane	08/09/10	290	12/10/10	470	02/25/11	420	05/18/11	420
			Dichloroethane[1,1-]	08/09/10	2800	12/10/10	2700	02/25/11	2700	05/18/11	2700
			Dichloroethane[1,2-]	08/09/10	**1100**	12/10/10	**1400**	02/25/11	**1200**	05/18/11	**1300**
			Dichloroethene[1,1-]	08/09/10	4400	12/10/10	4500	02/25/11	5100	05/18/11	5400
			Dichloropropane[1,2-]	08/09/10	**10000**	12/10/10	**10000**	02/25/11	**9300**	05/18/11	**9800**
			Methylene Chloride	08/09/10	ND	12/10/10	ND	02/25/11	ND	05/18/11	190

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02025	20	20	Tetrachloroethene	08/09/10	**10000**	12/10/10	**9800**	02/25/11	**9500**	05/18/11	**9700**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/09/10	64000	12/10/10	75000	02/25/11	83000	05/18/11	76000
			Trichloroethane[1,1,1-]	08/09/10	**190000**	12/10/10	**190000**	02/25/11	**190000**	05/18/11	**170000**
			Trichloroethane[1,1,2-]	08/09/10	**290**	12/10/10	ND	02/25/11	ND	05/18/11	ND
			Trichloroethene	08/09/10	**41000**	12/10/10	**42000**	02/25/11	**39000**	05/18/11	**41000**
			Trichlorofluoromethane	08/09/10	3000	12/10/10	3500	02/25/11	3400	05/18/11	3500
	100	100	Benzene	08/09/10	780	12/10/10	610	02/25/11	660	05/18/11	1100
			Carbon Tetrachloride	08/09/10	1800	12/10/10	1600	02/25/11	1800	05/18/11	1900
			Chlorobenzene	08/09/10	440	12/10/10	ND	02/25/11	500	05/18/11	410
			Chloroform	08/09/10	11000	12/10/10	11000	02/25/11	12000	05/18/11	12000
			Dichlorodifluoromethane	08/09/10	640	12/10/10	1000	02/25/11	910	05/18/11	1000
			Dichloroethane[1,1-]	08/09/10	4300	12/10/10	3800	02/25/11	4400	05/18/11	3800
			Dichloroethane[1,2-]	08/09/10	**5200**	12/10/10	**5100**	02/25/11	**5800**	05/18/11	**4700**
			Dichloroethene[1,1-]	08/09/10	**13000**	12/10/10	**11000**	02/25/11	**13000**	05/18/11	**18000**
			Dichloropropane[1,2-]	08/09/10	**16000**	12/10/10	**14000**	02/25/11	**16000**	05/18/11	**12000**
			Ethanol	08/09/10	ND	12/10/10	1600	02/25/11	ND	05/18/11	ND
			Hexane	08/09/10	ND	12/10/10	ND	02/25/11	ND	05/18/11	280
			Methylene Chloride	08/09/10	**6200**	12/10/10	**5400**	02/25/11	**6100**	05/18/11	**18000**
			Tetrachloroethene	08/09/10	**14000**	12/10/10	**13000**	02/25/11	**16000**	05/18/11	**12000**
			Tetrahydrofuran	08/09/10	950	12/10/10	700	02/25/11	920	05/18/11	ND
			Toluene	08/09/10	ND	12/10/10	ND	02/25/11	ND	05/18/11	1700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/09/10	79000	12/10/10	75000	02/25/11	86000	05/18/11	88000
			Trichloroethane[1,1,1-]	08/09/10	**320000**	12/10/10	**300000**	02/25/11	**340000**	05/18/11	**280000**
			Trichloroethene	08/09/10	**79000**	12/10/10	**72000**	02/25/11	**79000**	05/18/11	**80000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02025	100	100	Trichlorofluoromethane	08/09/10	7100	12/10/10	8600	02/25/11	8700	05/18/11	10000
			Xylene[1,2-]	08/09/10	540	12/10/10	ND	02/25/11	ND	05/18/11	750
	160	160	Benzene	08/09/10	**1300**	12/10/10	1000	02/25/11	1000	05/18/11	1100
			Carbon Tetrachloride	08/09/10	2400	12/10/10	2000	02/25/11	1900	05/18/11	1900
			Chlorobenzene	08/09/10	500	12/10/10	ND	02/25/11	470	05/18/11	420
			Chloroform	08/09/10	13000	12/10/10	12000	02/25/11	12000	05/18/11	12000
			Dichlorodifluoromethane	08/09/10	850	12/10/10	1400	02/25/11	1200	05/18/11	1100
			Dichloroethane[1,1-]	08/09/10	4200	12/10/10	3700	02/25/11	3700	05/18/11	3900
			Dichloroethane[1,2-]	08/09/10	**5200**	12/10/10	**4900**	02/25/11	**5100**	05/18/11	**4700**
			Dichloroethene[1,1-]	08/09/10	**19000**	12/10/10	**17000**	02/25/11	**19000**	05/18/11	**17000**
			Dichloropropane[1,2-]	08/09/10	**14000**	12/10/10	**12000**	02/25/11	**12000**	05/18/11	**12000**
			Ethanol	08/09/10	840	12/10/10	ND	02/25/11	ND	05/18/11	ND
			Hexane	08/09/10	280	12/10/10	ND	02/25/11	ND	05/18/11	290
			Methylene Chloride	08/09/10	**19000**	12/10/10	**16000**	02/25/11	**18000**	05/18/11	**18000**
			Tetrachloroethene	08/09/10	**15000**	12/10/10	**14000**	02/25/11	**14000**	05/18/11	**13000**
			Toluene	08/09/10	2100	12/10/10	1700	02/25/11	ND	05/18/11	1800
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/09/10	94000	12/10/10	85000	02/25/11	85000	05/18/11	91000
			Trichloroethane[1,1,1-]	08/09/10	**340000**	12/10/10	**310000**	02/25/11	**300000**	05/18/11	**280000**
			Trichloroethene	08/09/10	**95000**	12/10/10	**85000**	02/25/11	**85000**	05/18/11	**81000**
			Trichlorofluoromethane	08/09/10	12000	12/10/10	11000	02/25/11	10000	05/18/11	10000
			Xylene[1,2-]	08/09/10	780	12/10/10	680	02/25/11	ND	05/18/11	790
			Xylene[1,3-]+Xylene[1,4-]	08/09/10	320	12/10/10	ND	02/25/11	ND	05/18/11	ND
54-02026	20	20	Chloroform	08/10/10	250	12/14/10	240	03/04/11	200	05/19/11	200
			Cyclohexane	08/10/10	ND	12/14/10	58	03/04/11	ND	05/19/11	ND
			Dichloroethane[1,1-]	08/10/10	47	12/14/10	49	03/04/11	ND	05/19/11	43

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02026	20	20	Dichloroethene[1,1-]	08/10/10	300	12/14/10	340	03/04/11	250	05/19/11	300
			Dichloropropane[1,2-]	08/10/10	40 (J)	12/14/10	ND	03/04/11	ND	05/19/11	ND
			Tetrachloroethene	08/10/10	250	12/14/10	240	03/04/11	190	05/19/11	260
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	2000	12/14/10	1800	03/04/11	1700	05/19/11	1400
			Trichloroethane[1,1,1-]	08/10/10	6100	12/14/10	5900	03/04/11	5400	05/19/11	5000
			Trichloroethene	08/10/10	1700	12/14/10	1600	03/04/11	1400	05/19/11	1400
			Trichlorofluoromethane	08/10/10	260	12/14/10	240	03/04/11	230	05/19/11	220
	100	100	Carbon Tetrachloride	08/10/10	110	12/14/10	100	03/04/11	76	05/19/11	84
			Chloroform	08/10/10	530	12/14/10	540	03/04/11	410	05/19/11	480
			Cyclohexane	08/10/10	ND	12/14/10	140	03/04/11	ND	05/19/11	ND
			Dichlorodifluoromethane	08/10/10	100	12/14/10	110	03/04/11	100	05/19/11	100
			Dichloroethane[1,1-]	08/10/10	100	12/14/10	120	03/04/11	75	05/19/11	100
			Dichloroethene[1,1-]	08/10/10	900	12/14/10	1000	03/04/11	670	05/19/11	850
			Dichloropropane[1,2-]	08/10/10	79	12/14/10	82	03/04/11	58	05/19/11	74
			Ethanol	08/10/10	ND	12/14/10	ND	03/04/11	62	05/19/11	ND
			Methylene Chloride	08/10/10	36	12/14/10	35	03/04/11	ND	05/19/11	39
			Tetrachloroethene	08/10/10	540	12/14/10	500	03/04/11	380	05/19/11	470
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	5000	12/14/10	4800	03/04/11	3700	05/19/11	4000
			Trichloroethane[1,1,1-]	08/10/10	13000	12/14/10	13000	03/04/11	11000	05/19/11	12000
			Trichloroethene	08/10/10	**3800**	12/14/10	**3700**	03/04/11	**3000**	05/19/11	**3400**
			Trichlorofluoromethane	08/10/10	630	12/14/10	650	03/04/11	500	05/19/11	560
	160	160	Carbon Tetrachloride	08/10/10	170	12/14/10	170	03/04/11	110	05/23/11	140
			Chloroform	08/10/10	570	12/14/10	600	03/04/11	400	05/23/11	520
			Cyclohexane	08/10/10	ND	12/14/10	160	03/04/11	ND	05/23/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02026	160	160	Dichlorodifluoromethane	08/10/10	170	12/14/10	180	03/04/11	140	05/23/11	170
			Dichloroethane[1,1-]	08/10/10	110	12/14/10	120	03/04/11	74	05/23/11	110
			Dichloroethene[1,1-]	08/10/10	1400	12/14/10	1600	03/04/11	920	05/23/11	1300
			Dichloropropane[1,2-]	08/10/10	56	12/14/10	57	03/04/11	ND	05/23/11	46
			Methylene Chloride	08/10/10	210	12/14/10	200	03/04/11	130	05/23/11	180
			Tetrachloroethene	08/10/10	660	12/14/10	650	03/04/11	420	05/23/11	600
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	7200	12/14/10	7200	03/04/11	4800	05/23/11	5600
			Trichloroethane[1,1,1-]	08/10/10	16000	12/14/10	16000	03/04/11	11000	05/23/11	14000
			Trichloroethene	08/10/10	**4800**	12/14/10	**4800**	03/04/11	**3300**	05/23/11	**4200**
			Trichlorofluoromethane	08/10/10	860	12/14/10	900	03/04/11	610	05/23/11	780
54-02027	20	20	Carbon Tetrachloride	08/11/10	63	12/09/10	ND	02/23/11	ND	05/24/11	ND
			Chloroform	08/11/10	1100	12/09/10	920	02/23/11	830	05/24/11	820
			Dichlorodifluoromethane	08/11/10	86	12/09/10	88	02/23/11	94	05/24/11	86
			Dichloroethane[1,1-]	08/11/10	240	12/09/10	220	02/23/11	190	05/24/11	190
			Dichloroethene[1,1-]	08/11/10	1100	12/09/10	1000	02/23/11	940	05/24/11	920
			Dichloropropane[1,2-]	08/11/10	450	12/09/10	420	02/23/11	340	05/24/11	360
			Tetrachloroethene	08/11/10	1100	12/09/10	860	02/23/11	760	05/24/11	810
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/11/10	6600	12/09/10	5100	02/23/11	5200	05/24/11	4300
			Trichloroethane[1,1,1-]	08/11/10	25000	12/09/10	20000	02/23/11	19000	05/24/11	18000
			Trichloroethene	08/11/10	**6200**	12/09/10	**5000**	02/23/11	**4800**	05/24/11	**4700**
			Trichlorofluoromethane	08/11/10	880	12/09/10	720	02/23/11	700	05/24/11	640
	100	100	Benzene	08/11/10	110	12/09/10	100	02/23/11	95	05/25/11	ND
			Carbon Tetrachloride	08/11/10	330	12/09/10	260	02/23/11	280	05/25/11	77
			Chloroform	08/11/10	2900	12/09/10	2600	02/23/11	2800	05/25/11	440

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02027	100	100	Dichlorodifluoromethane	08/11/10	280	12/09/10	290	02/23/11	340	05/25/11	92
			Dichloroethane[1,1-]	08/11/10	640	12/09/10	620	02/23/11	600	05/25/11	96
			Dichloroethane[1,2-]	08/11/10	230	12/09/10	210	02/23/11	220	05/25/11	ND
			Dichloroethene[1,1-]	08/11/10	3700	12/09/10	3700	02/23/11	3700	05/25/11	780
			Dichloropropane[1,2-]	08/11/10	**1300**	12/09/10	**1200**	02/23/11	**1100**	05/25/11	67
			Methylene Chloride	08/11/10	630	12/09/10	530	02/23/11	570	05/25/11	ND
			Tetrachloroethene	08/11/10	2800	12/09/10	2300	02/23/11	2500	05/25/11	490
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/11/10	21000	12/09/10	17000	02/23/11	19000	05/25/11	3500
			Trichloroethane[1,1,1-]	08/11/10	**67000**	12/09/10	**59000**	02/23/11	**62000**	05/25/11	11000
			Trichloroethene	08/11/10	**18000**	12/09/10	**15000**	02/23/11	**16000**	05/25/11	**3100**
			Trichlorofluoromethane	08/11/10	2700	12/09/10	2400	02/23/11	2500	05/25/11	510
	200	200	Benzene	08/11/10	280	12/09/10	200	02/23/11	100	05/25/11	ND
			Carbon Tetrachloride	08/11/10	600	12/09/10	390	02/23/11	290	05/25/11	95
			Chloroform	08/11/10	2400	12/09/10	1700	02/23/11	2900	05/25/11	380
			Dichlorodifluoromethane	08/11/10	570	12/09/10	390	02/23/11	370	05/25/11	120
			Dichloroethane[1,1-]	08/11/10	480	12/09/10	350	02/23/11	630	05/25/11	78
			Dichloroethane[1,2-]	08/11/10	110	12/09/10	79	02/23/11	240	05/25/11	ND
			Dichloroethene[1,1-]	08/11/10	**6000**	12/09/10	4800	02/23/11	3900	05/25/11	940
			Dichloropropane[1,2-]	08/11/10	490	12/09/10	310	02/23/11	**1200**	05/25/11	ND
			Methylene Chloride	08/11/10	**3000**	12/09/10	**1800**	02/23/11	610	05/25/11	140
			Tetrachloroethene	08/11/10	2600	12/09/10	1600	02/23/11	2600	05/25/11	410
			Toluene	08/11/10	780	12/09/10	450	02/23/11	65	05/25/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/11/10	26000	12/09/10	17000	02/23/11	20000	05/25/11	3700
			Trichloroethane[1,1,1-]	08/11/10	**56000**	12/09/10	38000	02/23/11	**66000**	05/25/11	9500

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02027	200	200	Trichloroethene	08/11/10	**17000**	12/09/10	**11000**	02/23/11	**17000**	05/25/11	**2800**
			Trichlorofluoromethane	08/11/10	3000	12/09/10	2200	02/23/11	2600	05/25/11	520
54-02028	20	20	Chloroform	08/12/10	320	12/15/10	290	03/18/11	190	05/25/11	230
			Cyclohexane	08/12/10	ND	12/15/10	86	03/18/11	100	05/25/11	ND
			Dichlorodifluoromethane	08/12/10	44	12/15/10	ND	03/18/11	ND	05/25/11	ND
			Dichloroethane[1,1-]	08/12/10	94	12/15/10	89	03/18/11	56	05/25/11	71
			Dichloroethene[1,1-]	08/12/10	430	12/15/10	460	03/18/11	240	05/25/11	330
			Dichloropropane[1,2-]	08/12/10	120	12/15/10	99	03/18/11	61	05/25/11	78
			Tetrachloroethene	08/12/10	440	12/15/10	350	03/18/11	190	05/25/11	300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	2700	12/15/10	2300	03/18/11	1500	05/25/11	1600
			Trichloroethane[1,1,1-]	08/12/10	9400	12/15/10	8600	03/18/11	5300	05/25/11	6400
			Trichloroethene	08/12/10	**2800**	12/15/10	**2400**	03/18/11	1600	05/25/11	1800
			Trichlorofluoromethane	08/12/10	320	12/15/10	300	03/18/11	180	05/25/11	220
	100	100	Carbon Tetrachloride	08/12/10	94	12/15/10	93	03/18/11	ND	05/25/11	68
			Chloroform	08/12/10	510	12/15/10	500	03/18/11	240	05/25/11	460
			Cyclohexane	08/12/10	ND	12/15/10	140	03/18/11	130	05/25/11	ND
			Dichlorodifluoromethane	08/12/10	95	12/15/10	93	03/18/11	54	05/25/11	92
			Dichloroethane[1,1-]	08/12/10	140	12/15/10	140	03/18/11	66	05/25/11	130
			Dichloroethene[1,1-]	08/12/10	920	12/15/10	1000	03/18/11	440	05/25/11	870
			Dichloropropane[1,2-]	08/12/10	120	12/15/10	120	03/18/11	48	05/25/11	110
			Methylene Chloride	08/12/10	100	12/15/10	85	03/18/11	48	05/25/11	76
			Tetrachloroethene	08/12/10	560	12/15/10	480	03/18/11	220	05/25/11	450
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	5000	12/15/10	4500	03/18/11	2300	05/25/11	3600
			Trichloroethane[1,1,1-]	08/12/10	14000	12/15/10	13000	03/18/11	6700	05/25/11	12000

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02028	100	100	Trichloroethene	08/12/10	**4600**	12/15/10	**4100**	03/18/11	2000	05/25/11	**3700**
			Trichlorofluoromethane	08/12/10	640	12/15/10	620	03/18/11	300	05/25/11	530
	160	160	Carbon Tetrachloride	08/12/10	150	12/15/10	140	03/18/11	100	05/25/11	84
			Chloroform	08/12/10	520	12/15/10	490	03/18/11	400	05/25/11	400
			Cyclohexane	08/12/10	ND	12/15/10	150	03/18/11	220	05/25/11	ND
			Dichlorodifluoromethane	08/12/10	150	12/15/10	150	03/18/11	140	05/25/11	130
			Dichloroethane[1,1-]	08/12/10	130	12/15/10	130	03/18/11	99	05/25/11	100
			Dichloroethene[1,1-]	08/12/10	1400	12/15/10	1400	03/18/11	1100	05/25/11	1100
			Dichloropropane[1,2-]	08/12/10	63	12/15/10	60	03/18/11	43	05/25/11	44
			Methylene Chloride	08/12/10	280	12/15/10	220	03/18/11	200	05/25/11	190
			Tetrachloroethene	08/12/10	570	12/15/10	510	03/18/11	360	05/25/11	410
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	6900	12/15/10	6000	03/18/11	5000	05/25/11	4000
			Trichloroethane[1,1,1-]	08/12/10	16000	12/15/10	14000	03/18/11	12000	05/25/11	11000
			Trichloroethene	08/12/10	**5200**	12/15/10	**4500**	03/18/11	**3700**	05/25/11	**3600**
			Trichlorofluoromethane	08/12/10	830	12/15/10	790	03/18/11	640	05/25/11	600
54-02031	20	20	Carbon Tetrachloride	07/28/10	190	11/18/10	180	01/20/11	100	04/14/11	120
			Chloroform	07/28/10	690	11/18/10	660	01/20/11	420	04/14/11	490
			Dichlorodifluoromethane	07/28/10	310	11/18/10	230	01/20/11	210	04/14/11	250
			Dichloroethane[1,1-]	07/28/10	1200	11/18/10	1000	01/20/11	720	04/14/11	820
			Dichloroethane[1,2-]	07/28/10	240	11/18/10	ND	01/20/11	160	04/14/11	200
			Dichloroethene[1,1-]	07/28/10	3000	11/18/10	2500	01/20/11	1700	04/14/11	2000
			Dichloropropane[1,2-]	07/28/10	120	11/18/10	ND	01/20/11	78	04/14/11	95
			Tetrachloroethene	07/28/10	**3600**	11/18/10	3300	01/20/11	2100	04/14/11	2700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	5000	11/18/10	4100	01/20/11	2700	04/14/11	3700

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02031	20	20	Trichloroethane[1,1,1-]	07/28/10	**63000**	11/18/10	**54000**	01/20/11	33000	04/14/11	**47000**
			Trichloroethene	07/28/10	**16000**	11/18/10	**13000**	01/20/11	**8300**	04/14/11	**12000**
			Trichlorofluoromethane	07/28/10	570	11/18/10	480	01/20/11	360	04/14/11	450
	100	100	Carbon Tetrachloride	07/28/10	460	11/18/10	470	01/20/11	400	04/14/11	580
			Chloroform	07/28/10	1100	11/18/10	1200	01/20/11	1100	04/14/11	1500
			Dichlorodifluoromethane	07/28/10	520	11/18/10	510	01/20/11	650	04/14/11	890
			Dichloroethane[1,1-]	07/28/10	2000	11/18/10	2200	01/20/11	2200	04/14/11	2700
			Dichloroethane[1,2-]	07/28/10	**1100**	11/18/10	ND	01/20/11	**1100**	04/14/11	**1500**
			Dichloroethene[1,1-]	07/28/10	5400	11/18/10	**6200**	01/20/11	5400	04/14/11	**7200**
			Dichloropropane[1,2-]	07/28/10	310	11/18/10	ND	01/20/11	300	04/14/11	380
			Methylene Chloride	07/28/10	**690**	11/18/10	**700**	01/20/11	640	04/14/11	**860**
			Tetrachloroethene	07/28/10	**5600**	11/18/10	**6300**	01/20/11	**6100**	04/14/11	**9000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	11000	11/18/10	11000	01/20/11	9900	04/14/11	16000
			Trichloroethane[1,1,1-]	07/28/10	**120000**	11/18/10	**120000**	01/20/11	**100000**	04/14/11	**170000**
			Trichloroethene	07/28/10	**28000**	11/18/10	**27000**	01/20/11	**27000**	04/14/11	**42000**
			Trichlorofluoromethane	07/28/10	1300	11/18/10	1300	01/20/11	1200	04/14/11	1700
	160	160	Carbon Tetrachloride	07/28/10	660	11/18/10	560	01/20/11	270	04/14/11	670
			Chloroform	07/28/10	1300	11/18/10	1100	01/20/11	640	04/14/11	1400
			Dichlorodifluoromethane	07/28/10	1000	11/18/10	690	01/20/11	500	04/14/11	1100
			Dichloroethane[1,1-]	07/28/10	2300	11/18/10	2200	01/20/11	1200	04/14/11	2400
			Dichloroethane[1,2-]	07/28/10	**970**	11/18/10	ND	01/20/11	**450**	04/14/11	**1000**
			Dichloroethene[1,1-]	07/28/10	**7800**	11/18/10	**7000**	01/20/11	4000	04/14/11	**8600**
			Dichloropropane[1,2-]	07/28/10	300	11/18/10	ND	01/20/11	120	04/14/11	270
			Methylene Chloride	07/28/10	**1500**	11/18/10	**1200**	01/20/11	**680**	04/14/11	**1400**
			Tetrachloroethene	07/28/10	**8200**	11/18/10	**6700**	01/20/11	3300	04/14/11	**9000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02031	160	160	Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	17000	11/18/10	14000	01/20/11	7000	04/14/11	20000
			Trichloroethane[1,1,1-]	07/28/10	**140000**	11/18/10	**120000**	01/20/11	**60000**	04/14/11	**170000**
			Trichloroethene	07/28/10	**40000**	11/18/10	**32000**	01/20/11	**16000**	04/14/11	**45000**
			Trichlorofluoromethane	07/28/10	2000	11/18/10	1600	01/20/11	890	04/14/11	2200
	260	260	Benzene	07/28/10	65	11/18/10	86	01/20/11	41	04/14/11	ND
			Carbon Tetrachloride	07/28/10	600	11/18/10	660	01/20/11	340	04/14/11	530
			Chloroform	07/28/10	720	11/18/10	960	01/20/11	490	04/14/11	640
			Dichlorodifluoromethane	07/28/10	810	11/18/10	990	01/20/11	670	04/14/11	930
			Dichloroethane[1,1-]	07/28/10	1200	11/18/10	1600	01/20/11	780	04/14/11	990
			Dichloroethane[1,2-]	07/28/10	**270**	11/18/10	ND	01/20/11	140	04/14/11	160
			Dichloroethene[1,1-]	07/28/10	**7900**	11/18/10	**9700**	01/20/11	5300	04/14/11	**7400**
			Dichloropropane[1,2-]	07/28/10	100	11/18/10	ND	01/20/11	ND	04/14/11	ND
			Methylene Chloride	07/28/10	**970**	11/18/10	**1100**	01/20/11	580	04/14/11	**690**
			Tetrachloroethene	07/28/10	**5700**	11/18/10	**6700**	01/20/11	3100	04/14/11	**5000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	16000	11/18/10	20000	01/20/11	9400	04/14/11	16000
			Trichloroethane[1,1,1-]	07/28/10	**82000**	11/18/10	**110000**	01/20/11	**50000**	04/14/11	**86000**
			Trichloroethene	07/28/10	**26000**	11/18/10	**32000**	01/20/11	**15000**	04/14/11	**25000**
			Trichlorofluoromethane	07/28/10	2000	11/18/10	2100	01/20/11	1200	04/14/11	1800
54-02034	20	20	Acetone	08/02/10	ND	11/23/10	ND	01/25/11	ND	04/06/11	160
			Carbon Disulfide	08/02/10	54	11/23/10	ND	01/25/11	ND	04/06/11	ND
			Chloroform	08/02/10	120	11/23/10	120	01/25/11	140	04/06/11	130
			Cyclohexane	08/02/10	ND	11/23/10	ND	01/25/11	430	04/06/11	ND
			Dichlorodifluoromethane	08/02/10	160	11/23/10	100	01/25/11	150	04/06/11	160
			Dichloroethane[1,1-]	08/02/10	380	11/23/10	310	01/25/11	340	04/06/11	340

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02034	20	20	Dichloroethene[1,1-]	08/02/10	880	11/23/10	740	01/25/11	730	04/06/11	750
			Tetrachloroethene	08/02/10	660	11/23/10	580	01/25/11	600	04/06/11	590
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	630	11/23/10	510	01/25/11	540	04/06/11	580
			Trichloroethane[1,1,1-]	08/02/10	36000	11/23/10	28000	01/25/11	29000	04/06/11	34000
			Trichloroethene	08/02/10	**5300**	11/23/10	**4500**	01/25/11	**4400**	04/06/11	**4800**
			Trichlorofluoromethane	08/02/10	170	11/23/10	130	01/25/11	140	04/06/11	160
	60	60	Chloroform	08/02/10	200	11/23/10	150	01/25/11	170	04/06/11	170
			Cyclohexane	08/02/10	ND	11/23/10	ND	01/25/11	660	04/06/11	ND
			Dichlorodifluoromethane	08/02/10	220	11/23/10	190	01/25/11	230	04/06/11	240
			Dichloroethane[1,1-]	08/02/10	650	11/23/10	570	01/25/11	620	04/06/11	620
			Dichloroethane[1,2-]	08/02/10	210	11/23/10	190	01/25/11	190	04/06/11	200
			Dichloroethene[1,1-]	08/02/10	1300	11/23/10	1300	01/25/11	1200	04/06/11	1200
			Dichloropropane[1,2-]	08/02/10	ND	11/23/10	50	01/25/11	46	04/06/11	ND
			Methylene Chloride	08/02/10	66	11/23/10	66	01/25/11	59	04/06/11	64
			Tetrachloroethene	08/02/10	880	11/23/10	700	01/25/11	800	04/06/11	780
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	880	11/23/10	740	01/25/11	790	04/06/11	780
			Trichloroethane[1,1,1-]	08/02/10	**50000**	11/23/10	40000	01/25/11	42000	04/06/11	**49000**
			Trichloroethene	08/02/10	**8400**	11/23/10	**6900**	01/25/11	**7200**	04/06/11	**8000**
			Trichlorofluoromethane	08/02/10	240	11/23/10	200	01/25/11	210	04/06/11	220
	160	160	Acetone	08/02/10	96	11/23/10	ND	01/25/11	ND	04/06/11	ND
			Carbon Tetrachloride	08/02/10	81	11/23/10	74	01/25/11	ND	04/06/11	59
			Chloroform	08/02/10	120	11/23/10	110	01/25/11	ND	04/06/11	110
			Cyclohexane	08/02/10	ND	11/23/10	ND	01/25/11	240	04/06/11	ND
			Dichlorodifluoromethane	08/02/10	400	11/23/10	330	01/25/11	170	04/06/11	420

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02034	160	160	Dichloroethane[1,1-]	08/02/10	530	11/23/10	460	01/25/11	180	04/06/11	490
			Dichloroethane[1,2-]	08/02/10	62	11/23/10	57	01/25/11	ND	04/06/11	59
			Dichloroethene[1,1-]	08/02/10	2400	11/23/10	2200	01/25/11	940	04/06/11	2300
			Methylene Chloride	08/02/10	200	11/23/10	170	01/25/11	62	04/06/11	170
			Tetrachloroethene	08/02/10	720	11/23/10	540	01/25/11	180	04/06/11	560
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	1500	11/23/10	1300	01/25/11	440	04/06/11	1300
			Trichloroethane[1,1,1-]	08/02/10	**45000**	11/23/10	38000	01/25/11	14000	04/06/11	**45000**
			Trichloroethene	08/02/10	**8600**	11/23/10	**7200**	01/25/11	**2500**	04/06/11	**8000**
			Trichlorofluoromethane	08/02/10	490	11/23/10	390	01/25/11	160	04/06/11	420
	260	260	Cyclohexane	08/02/10	110	11/23/10	ND	01/25/11	110	04/07/11	ND
			Dichlorodifluoromethane	08/02/10	200	11/23/10	200	01/25/11	220	04/07/11	250
			Dichloroethene[1,1-]	08/02/10	830	11/23/10	800	01/25/11	870	04/07/11	870
			Tetrachloroethene	08/02/10	75	11/23/10	69	01/25/11	70	04/07/11	61
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	700	11/23/10	620	01/25/11	630	04/07/11	660
			Trichloroethane[1,1,1-]	08/02/10	5200	11/23/10	5100	01/25/11	5000	04/07/11	5200
			Trichloroethene	08/02/10	490	11/23/10	500	01/25/11	490	04/07/11	500
			Trichlorofluoromethane	08/02/10	340	11/23/10	290	01/25/11	310	04/07/11	310
	300	300	Dichlorodifluoromethane	08/02/10	49	NS	NS	01/25/11	ND	04/07/11	ND
			Dichloroethene[1,1-]	08/02/10	150	NS	NS	01/25/11	120	04/07/11	90
			Toluene	08/02/10	ND	NS	NS	01/25/11	33	04/07/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	160	NS	NS	01/25/11	110	04/07/11	95
			Trichloroethane[1,1,1-]	08/02/10	510	NS	NS	01/25/11	370	04/07/11	300
			Trichlorofluoromethane	08/02/10	100	NS	NS	01/25/11	69	04/07/11	60

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02089	31	31	Carbon Tetrachloride	07/29/10	**8500**	11/19/10	**5800**	01/27/11	**5800**	05/04/11	3600
			Chloroform	07/29/10	**35000**	11/19/10	**24000**	01/27/11	**28000**	05/04/11	**18000**
			Cyclohexane	07/29/10	ND	11/19/10	ND	01/27/11	ND	05/04/11	19000
			Dichlorodifluoromethane	07/29/10	21000	11/19/10	6200	01/27/11	130000	05/04/11	35000
			Dichloroethane[1,1-]	07/29/10	**65000**	11/19/10	**43000**	01/27/11	**49000**	05/04/11	**32000**
			Dichloroethane[1,2-]	07/29/10	**560000**	11/19/10	**380000**	01/27/11	**430000**	05/04/11	**290000**
			Dichloroethene[1,1-]	07/29/10	**42000**	11/19/10	**30000**	01/27/11	**30000**	05/04/11	**19000**
			Dichloropropane[1,2-]	07/29/10	**180000**	11/19/10	**110000**	01/27/11	**120000**	05/04/11	**82000**
			Hexane	07/29/10	ND	11/19/10	1300	01/27/11	ND	05/04/11	ND
			Tetrachloroethene	07/29/10	**52000**	11/19/10	**34000**	01/27/11	**44000**	05/04/11	**27000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	810000	11/19/10	540000	01/27/11	560000	05/04/11	330000
			Trichloroethane[1,1,1-]	07/29/10	**2100000**	11/19/10	**1400000**	01/27/11	**1600000**	05/04/11	**980000**
			Trichloroethane[1,1,2-]	07/29/10	ND	11/19/10	ND	01/27/11	ND	05/04/11	**1300**
			Trichloroethene	07/29/10	**740000**	11/19/10	**480000**	01/27/11	**540000**	05/04/11	**350000**
			Trichlorofluoromethane	07/29/10	16000	11/19/10	11000	01/27/11	13000	05/04/11	7400
	46	46	Carbon Tetrachloride	07/29/10	**12000**	11/19/10	**10000**	01/27/11	**6300**	05/04/11	**7100**
			Chloroform	07/29/10	**46000**	11/19/10	**47000**	01/27/11	**32000**	05/04/11	**33000**
			Cyclohexane	07/29/10	ND	11/19/10	ND	01/27/11	ND	05/04/11	39000
			Dichlorodifluoromethane	07/29/10	19000	11/19/10	8000	01/27/11	98000	05/04/11	42000
			Dichloroethane[1,1-]	07/29/10	**71000**	11/19/10	**67000**	01/27/11	**50000**	05/04/11	**52000**
			Dichloroethane[1,2-]	07/29/10	**350000**	11/19/10	**380000**	01/27/11	**260000**	05/04/11	**270000**
			Dichloroethene[1,1-]	07/29/10	**48000**	11/19/10	**48000**	01/27/11	**32000**	05/04/11	**35000**
			Dichloropropane[1,2-]	07/29/10	**280000**	11/19/10	**270000**	01/27/11	**170000**	05/04/11	**190000**
			Hexane	07/29/10	ND	11/19/10	2300	01/27/11	ND	05/04/11	ND
			Tetrachloroethene	07/29/10	**70000**	11/19/10	**65000**	01/27/11	**39000**	05/04/11	**50000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-02089	46	46	Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	970000	11/19/10	930000	01/27/11	640000	05/04/11	770000
			Trichloroethane[1,1,1-]	07/29/10	**3000000**	11/19/10	**2800000**	01/27/11	**2100000**	05/04/11	**2300000**
			Trichloroethene	07/29/10	**840000**	11/19/10	**820000**	01/27/11	**530000**	05/04/11	**620000**
			Trichlorofluoromethane	07/29/10	18000	11/19/10	16000	01/27/11	12000	05/04/11	13000
54-24238	63	65	Benzene	07/27/10	**1900**	12/03/10	ND	02/16/11	**1800**	05/06/11	**1600**
			Carbon Tetrachloride	07/27/10	**7700**	12/03/10	**6100**	02/16/11	**5600**	05/06/11	5100
			Chloroform	07/27/10	**53000**	12/03/10	**44000**	02/16/11	**42000**	05/06/11	**40000**
			Cyclohexane	07/27/10	ND	12/03/10	ND	02/16/11	32000	05/06/11	ND
			Dichlorodifluoromethane	07/27/10	14000	12/03/10	13000	02/16/11	22000	05/06/11	23000
			Dichloroethane[1,1-]	07/27/10	**53000**	12/03/10	**43000**	02/16/11	**40000**	05/06/11	**38000**
			Dichloroethane[1,2-]	07/27/10	**330000**	12/03/10	**330000**	02/16/11	**220000**	05/06/11	**240000**
			Dichloroethene[1,1-]	07/27/10	**71000**	12/03/10	**47000**	02/16/11	**55000**	05/06/11	**47000**
			Dichloropropane[1,2-]	07/27/10	**330000**	12/03/10	**250000**	02/16/11	**240000**	05/06/11	**210000**
			Hexane	07/27/10	2200	12/03/10	ND	02/16/11	ND	05/06/11	ND
			Methylene Chloride	07/27/10	**240000**	12/03/10	**150000**	02/16/11	**87000**	05/06/11	**79000**
			Tetrachloroethene	07/27/10	**88000**	12/03/10	**60000**	02/16/11	**63000**	05/06/11	**64000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	1300000	12/03/10	940000	02/16/11	870000	05/06/11	920000
			Trichloroethane[1,1,1-]	07/27/10	**2400000**	12/03/10	**1900000**	02/16/11	**1900000**	05/06/11	**1700000**
			Trichloroethene	07/27/10	**740000**	12/03/10	**570000**	02/16/11	**540000**	05/06/11	**520000**
			Trichlorofluoromethane	07/27/10	21000	12/03/10	16000	02/16/11	14000	05/06/11	13000
54-24239	24	26	Carbon Tetrachloride	07/29/10	3500	12/03/10	3300	01/27/11	2500	04/29/11	2600
			Chloroform	07/29/10	14000	12/03/10	13000	01/27/11	11000	04/29/11	12000
			Dichlorodifluoromethane	07/29/10	1100	12/03/10	1100	01/27/11	1000	04/29/11	1100
			Dichloroethane[1,1-]	07/29/10	**15000**	12/03/10	**14000**	01/27/11	**12000**	04/29/11	**13000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24239	24	26	Dichloroethane[1,2-]	07/29/10	**5200**	12/03/10	**6300**	01/27/11	**4400**	04/29/11	**4700**
			Dichloroethene[1,1-]	07/29/10	**22000**	12/03/10	**23000**	01/27/11	**18000**	04/29/11	**20000**
			Dichloropropane[1,2-]	07/29/10	**8000**	12/03/10	**8400**	01/27/11	**6000**	04/29/11	**7000**
			Tetrachloroethene	07/29/10	**340000**	12/03/10	**290000**	01/27/11	**240000**	04/29/11	**300000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	56000	12/03/10	60000	01/27/11	46000	04/29/11	56000
			Trichloroethane[1,1,1-]	07/29/10	**520000**	12/03/10	**500000**	01/27/11	**400000**	04/29/11	**460000**
			Trichloroethene	07/29/10	**180000**	12/03/10	**170000**	01/27/11	**130000**	04/29/11	**160000**
			Trichlorofluoromethane	07/29/10	4200	12/03/10	4000 (J)	01/27/11	3300	04/29/11	3600
	74	76	Benzene	07/29/10	680	12/03/10	ND	01/27/11	480	04/29/11	ND
			Carbon Tetrachloride	07/29/10	4200	12/03/10	3300	01/27/11	3100	04/29/11	2600
			Chloroform	07/29/10	**17000**	12/03/10	15000	01/27/11	14000	04/29/11	12000
			Dichlorodifluoromethane	07/29/10	1600	12/03/10	2000	01/27/11	1500	04/29/11	1400
			Dichloroethane[1,1-]	07/29/10	**18000**	12/03/10	**14000**	01/27/11	**15000**	04/29/11	**13000**
			Dichloroethane[1,2-]	07/29/10	**9400**	12/03/10	**8700**	01/27/11	**8700**	04/29/11	**6800**
			Dichloroethene[1,1-]	07/29/10	**31000**	12/03/10	**23000**	01/27/11	**24000**	04/29/11	**23000**
			Dichloropropane[1,2-]	07/29/10	**10000**	12/03/10	**8000**	01/27/11	**8000**	04/29/11	**6600**
			Tetrachloroethene	07/29/10	**340000**	12/03/10	**240000**	01/27/11	**260000**	04/29/11	**240000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	78000	12/03/10	64000	01/27/11	61000	04/29/11	64000
			Trichloroethane[1,1,1-]	07/29/10	**700000**	12/03/10	**560000**	01/27/11	**530000**	04/29/11	**510000**
			Trichloroethene	07/29/10	**230000**	12/03/10	**180000**	01/27/11	**170000**	04/29/11	**170000**
			Trichlorofluoromethane	07/29/10	6300	12/03/10	5200	01/27/11	4700	04/29/11	4400
54-24240	27	29	Carbon Tetrachloride	08/03/10	3900	11/30/10	3200	02/10/11	3400	04/27/11	1900
			Chloroform	08/03/10	12000	11/30/10	12000	02/10/11	14000	04/27/11	8600
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	17000	04/27/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24240	27	29	Dichlorodifluoromethane	08/03/10	12000	11/30/10	6000	02/10/11	6100	04/27/11	2000
			Dichloroethane[1,1-]	08/03/10	**44000**	11/30/10	**39000**	02/10/11	**42000**	04/27/11	**24000**
			Dichloroethane[1,2-]	08/03/10	**390000**	11/30/10	**460000**	02/10/11	**440000**	04/27/11	**240000**
			Dichloroethene[1,1-]	08/03/10	**13000**	11/30/10	**9700**	02/10/11	**11000**	04/27/11	5200
			Dichloropropane[1,2-]	08/03/10	**1800**	11/30/10	**2000**	02/10/11	**1800**	04/27/11	**1100**
			Methylene Chloride	08/03/10	**1600**	11/30/10	**2800**	02/10/11	ND	04/27/11	ND
			Tetrachloroethene	08/03/10	**250000**	11/30/10	**200000**	02/10/11	**220000**	04/27/11	**150000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	120000	11/30/10	84000	02/10/11	100000	04/27/11	43000
			Trichloroethane[1,1,1-]	08/03/10	**1200000**	11/30/10	**910000**	02/10/11	**1100000**	04/27/11	**580000**
			Trichloroethane[1,1,2-]	08/03/10	ND	11/30/10	ND	02/10/11	**1900**	04/27/11	ND
			Trichloroethene	08/03/10	**1000000**	11/30/10	**1100000**	02/10/11	**1100000**	04/27/11	**820000**
			Trichlorofluoromethane	08/03/10	16000	11/30/10	12000	02/10/11	14000	04/27/11	5800
	52	54	Benzene	08/03/10	**2400**	11/30/10	**1700**	02/10/11	**1700**	04/27/11	870
			Carbon Tetrachloride	08/03/10	**8800**	11/30/10	**5600**	02/10/11	**6800**	04/27/11	3500
			Chlorobenzene	08/03/10	ND	11/30/10	1300	02/10/11	ND	04/27/11	910
			Chloroform	08/03/10	**37000**	11/30/10	**27000**	02/10/11	**31000**	04/27/11	**16000**
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	27000	04/27/11	ND
			Dichlorodifluoromethane	08/03/10	41000	11/30/10	13000	02/10/11	11000	04/27/11	4500
			Dichloroethane[1,1-]	08/03/10	**66000**	11/30/10	**48000**	02/10/11	**51000**	04/27/11	**26000**
			Dichloroethane[1,2-]	08/03/10	**710000**	11/30/10	**560000**	02/10/11	**540000**	04/27/11	**270000**
			Dichloroethene[1,1-]	08/03/10	**22000**	11/30/10	**13000**	02/10/11	**16000**	04/27/11	**7300**
			Dichloropropane[1,2-]	08/03/10	**3700**	11/30/10	**2800**	02/10/11	**2800**	04/27/11	**1400**
			Hexane	08/03/10	2500	11/30/10	1500	02/10/11	2200	04/27/11	890
			Methylene Chloride	08/03/10	**17000**	11/30/10	**9000**	02/10/11	**8400**	04/27/11	**3900**
			Tetrachloroethene	08/03/10	**290000**	11/30/10	**190000**	02/10/11	**230000**	04/27/11	**130000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24240	52	54	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	200000	11/30/10	130000	02/10/11	140000	04/27/11	73000
			Trichloroethane[1,1,1-]	08/03/10	**2100000**	11/30/10	**1400000**	02/10/11	**1600000**	04/27/11	**810000**
			Trichloroethene	08/03/10	**1300000**	11/30/10	**980000**	02/10/11	**980000**	04/27/11	**600000**
			Trichlorofluoromethane	08/03/10	46000	11/30/10	26000	02/10/11	28000	04/27/11	12000
	127	129	Benzene	08/03/10	700	11/30/10	480	02/10/11	ND	04/27/11	ND
			Carbon Tetrachloride	08/03/10	2800	11/30/10	1900	02/10/11	1400	04/27/11	1000
			Chloroform	08/03/10	10000	11/30/10	7300	02/10/11	6500	04/27/11	4500
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	10000	04/27/11	ND
			Dichlorodifluoromethane	08/03/10	4900	11/30/10	3100	02/10/11	3300	04/27/11	2400
			Dichloroethane[1,1-]	08/03/10	**28000**	11/30/10	**17000**	02/10/11	**16000**	04/27/11	**13000**
			Dichloroethane[1,2-]	08/03/10	**54000**	11/30/10	**42000**	02/10/11	**36000**	04/27/11	**22000**
			Dichloroethene[1,1-]	08/03/10	**24000**	11/30/10	**13000**	02/10/11	**15000**	04/27/11	**13000**
			Dichloropropane[1,2-]	08/03/10	**3600**	11/30/10	**2100**	02/10/11	**2000**	04/27/11	**1600**
			Methylene Chloride	08/03/10	**7900**	11/30/10	**3900**	02/10/11	**3100**	04/27/11	**1400**
			Tetrachloroethene	08/03/10	**110000**	11/30/10	**72000**	02/10/11	**64000**	04/27/11	**48000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	56000	11/30/10	42000	02/10/11	34000	04/27/11	29000
			Trichloroethane[1,1,1-]	08/03/10	**1000000**	11/30/10	**620000**	02/10/11	**600000**	04/27/11	**490000**
			Trichloroethene	08/03/10	**280000**	11/30/10	**190000**	02/10/11	**170000**	04/27/11	**150000**
			Trichlorofluoromethane	08/03/10	7100	11/30/10	5700	02/10/11	4300	04/27/11	3400
	152	154	Benzene	08/03/10	ND	11/30/10	420	02/10/11	ND	04/27/11	ND
			Carbon Tetrachloride	08/03/10	2600	11/30/10	1500	02/10/11	1800	04/27/11	840
			Chloroform	08/03/10	7800	11/30/10	5400	02/10/11	7400	04/27/11	3600
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	13000	04/27/11	ND
			Dichlorodifluoromethane	08/03/10	4600	11/30/10	2900	02/10/11	4200	04/27/11	2100

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24240	152	154	Dichloroethane[1,1-]	08/03/10	**24000**	11/30/10	**15000**	02/10/11	**21000**	04/27/11	**10000**
			Dichloroethane[1,2-]	08/03/10	**35000**	11/30/10	**25000**	02/10/11	**41000**	04/27/11	**19000**
			Dichloroethene[1,1-]	08/03/10	**30000**	11/30/10	**14000**	02/10/11	**23000**	04/27/11	**14000**
			Dichloropropane[1,2-]	08/03/10	**3300**	11/30/10	**1800**	02/10/11	**2500**	04/27/11	**1300**
			Methylene Chloride	08/03/10	**2600**	11/30/10	**1600**	02/10/11	**2200**	04/27/11	**770**
			Tetrachloroethene	08/03/10	**82000**	11/30/10	**53000**	02/10/11	**78000**	04/27/11	**40000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	47000	11/30/10	36000	02/10/11	42000	04/27/11	23000
			Trichloroethane[1,1,1-]	08/03/10	**960000**	11/30/10	**540000**	02/10/11	**790000**	04/27/11	**420000**
			Trichloroethene	08/03/10	**240000**	11/30/10	**160000**	02/10/11	**230000**	04/27/11	**130000**
			Trichlorofluoromethane	08/03/10	6500	11/30/10	4600	02/10/11	5600	04/27/11	2800
54-24241	71	74	Benzene	08/03/10	**1200**	11/30/10	**1300**	01/26/11	940	05/03/11	730
			Carbon Tetrachloride	08/03/10	**13000**	11/30/10	**13000**	01/26/11	**7800**	05/03/11	**6600**
			Chloroform	08/03/10	**32000**	11/30/10	**39000**	01/26/11	**29000**	05/03/11	**23000**
			Dichlorodifluoromethane	08/03/10	1500	11/30/10	1800	01/26/11	1500	05/03/11	1300
			Dichloroethane[1,1-]	08/03/10	**41000**	11/30/10	**46000**	01/26/11	**35000**	05/03/11	**29000**
			Dichloroethane[1,2-]	08/03/10	**27000**	11/30/10	**31000**	01/26/11	**24000**	05/03/11	**19000**
			Dichloroethene[1,1-]	08/03/10	**29000**	11/30/10	**35000**	01/26/11	**23000**	05/03/11	**19000**
			Dichloroethene[trans-1,2-]	08/03/10	1700	11/30/10	1800	01/26/11	1500	05/03/11	1300
			Dichloropropane[1,2-]	08/03/10	**30000**	11/30/10	**38000**	01/26/11	**27000**	05/03/11	**24000**
			Dioxane[1,4-]	08/03/10	**6700**	11/30/10	**5900**	01/26/11	**5800**	05/03/11	**6200**
			Methyl tert-Butyl Ether	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	680
			Methylene Chloride	08/03/10	**1600**	11/30/10	**1500**	01/26/11	**1000**	05/03/11	**930**
			Tetrachloroethene	08/03/10	**140000**	11/30/10	**160000**	01/26/11	**120000**	05/03/11	**110000**
			Toluene	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	900

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24241	71	74	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	190000	11/30/10	210000	01/26/11	150000	05/03/11	140000
			Trichloroethane[1,1,1-]	08/03/10	**1200000**	11/30/10	**1300000**	01/26/11	**930000**	05/03/11	**830000**
			Trichloroethene	08/03/10	**330000**	11/30/10	**370000**	01/26/11	**260000**	05/03/11	**240000**
			Trichlorofluoromethane	08/03/10	8500	11/30/10	9100	01/26/11	6600	05/03/11	5200
	112	114	Benzene	08/03/10	770	11/30/10	640	01/26/11	390	05/03/11	ND
			Carbon Tetrachloride	08/03/10	**8600**	11/30/10	**5900**	01/26/11	3700	05/03/11	2600
			Chloroform	08/03/10	**25000**	11/30/10	**23000**	01/26/11	**17000**	05/03/11	11000
			Dichlorodifluoromethane	08/03/10	1700	11/30/10	1600	01/26/11	1100	05/03/11	760
			Dichloroethane[1,1-]	08/03/10	**28000**	11/30/10	**24000**	01/26/11	**18000**	05/03/11	**12000**
			Dichloroethane[1,2-]	08/03/10	**18000**	11/30/10	**17000**	01/26/11	**14000**	05/03/11	**8200**
			Dichloroethene[1,1-]	08/03/10	**36000**	11/30/10	**30000**	01/26/11	**20000**	05/03/11	**14000**
			Dichloroethene[trans-1,2-]	08/03/10	900	11/30/10	ND	01/26/11	520	05/03/11	410
			Dichloropropane[1,2-]	08/03/10	**25000**	11/30/10	**23000**	01/26/11	**18000**	05/03/11	**12000**
			Tetrachloroethene	08/03/10	**140000**	11/30/10	**110000**	01/26/11	**84000**	05/03/11	**66000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	170000	11/30/10	130000	01/26/11	85000	05/03/11	69000
			Trichloroethane[1,1,1-]	08/03/10	**1000000**	11/30/10	**810000**	01/26/11	**540000**	05/03/11	**410000**
			Trichloroethene	08/03/10	**300000**	11/30/10	**240000**	01/26/11	**170000**	05/03/11	**130000**
			Trichlorofluoromethane	08/03/10	10000	11/30/10	7700	01/26/11	5200	05/03/11	3400
	132	134	Benzene	08/03/10	750	11/30/10	760	01/26/11	250	05/03/11	250
			Carbon Tetrachloride	08/03/10	**6300**	11/30/10	5500	01/26/11	1700	05/03/11	1600
			Chloroform	08/03/10	**19000**	11/30/10	**20000**	01/26/11	7200	05/03/11	6000
			Dichlorodifluoromethane	08/03/10	1800	11/30/10	1300	01/26/11	590	05/03/11	660
			Dichloroethane[1,1-]	08/03/10	**19000**	11/30/10	**17000**	01/26/11	**6500**	05/03/11	**6100**
			Dichloroethane[1,2-]	08/03/10	**12000**	11/30/10	**13000**	01/26/11	**4800**	05/03/11	**3400**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-24241	132	134	Dichloroethene[1,1-]	08/03/10	**35000**	11/30/10	**35000**	01/26/11	**12000**	05/03/11	**12000**
			Dichloropropane[1,2-]	08/03/10	**16000**	11/30/10	**16000**	01/26/11	**6100**	05/03/11	**5400**
			Methyl tert-Butyl Ether	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	1000
			Methylene Chloride	08/03/10	**1100**	11/30/10	ND	01/26/11	170	05/03/11	ND
			Tetrachloroethene	08/03/10	**100000**	11/30/10	**97000**	01/26/11	**37000**	05/03/11	**29000**
			Toluene	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	840
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	140000	11/30/10	120000	01/26/11	42000	05/03/11	50000
			Trichloroethane[1,1,1-]	08/03/10	**790000**	11/30/10	**690000**	01/26/11	**250000**	05/03/11	**250000**
			Trichloroethene	08/03/10	**230000**	11/30/10	**220000**	01/26/11	**80000**	05/03/11	**71000**
			Trichlorofluoromethane	08/03/10	11000	11/30/10	9300	01/26/11	3200	05/03/11	3200
			Xylene[1,2-]	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	220
			Xylene[1,3-]+Xylene[1,4-]	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	630
54-24242	24	26	Butanol[1-]	08/04/10	ND	12/02/10	ND	02/07/11	ND	05/10/11	**1700**
			Carbon Tetrachloride	08/04/10	2200	12/02/10	2000	02/07/11	1500	05/10/11	1400
			Chloroform	08/04/10	8900	12/02/10	10000	02/07/11	7800	05/10/11	7600
			Cyclohexane	08/04/10	ND	12/02/10	ND	02/07/11	3500	05/10/11	ND
			Dichlorodifluoromethane	08/04/10	ND	12/02/10	580	02/07/11	490	05/10/11	470
			Dichloroethane[1,1-]	08/04/10	**9300**	12/02/10	**10000**	02/07/11	**7900**	05/10/11	**7600**
			Dichloroethane[1,2-]	08/04/10	**2600**	12/02/10	**2900**	02/07/11	**2300**	05/10/11	**2700**
			Dichloroethene[1,1-]	08/04/10	**12000**	12/02/10	**13000**	02/07/11	**9000**	05/10/11	**9500**
			Dichloropropane[1,2-]	08/04/10	**5600**	12/02/10	**6400**	02/07/11	**4800**	05/10/11	**4400**
			Tetrachloroethene	08/04/10	**780000**	12/02/10	**550000**	02/07/11	**350000**	05/10/11	**410000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	34000	12/02/10	37000	02/07/11	27000	05/10/11	35000
			Trichloroethane[1,1,1-]	08/04/10	**340000**	12/02/10	**330000**	02/07/11	**230000**	05/10/11	**240000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24242	24	26	Trichloroethene	08/04/10	**150000**	12/02/10	**150000**	02/07/11	**110000**	05/10/11	**110000**
			Trichlorofluoromethane	08/04/10	2400	12/02/10	2400	02/07/11	1800	05/10/11	1900
	49	51	Benzene	08/04/10	1100	12/02/10	1000	02/07/11	710	05/10/11	850
			Carbon Tetrachloride	08/04/10	5200	12/02/10	5500	02/07/11	3200	05/10/11	3000
			Chloroform	08/04/10	**21000**	12/02/10	**22000**	02/07/11	**16000**	05/10/11	**17000**
			Cyclohexane	08/04/10	ND	12/02/10	ND	02/07/11	9400	05/10/11	ND
			Dichlorodifluoromethane	08/04/10	1700	12/02/10	1600	02/07/11	1300	05/10/11	1400
			Dichloroethane[1,1-]	08/04/10	**20000**	12/02/10	**20000**	02/07/11	**14000**	05/10/11	**15000**
			Dichloroethane[1,2-]	08/04/10	**14000**	12/02/10	**16000**	02/07/11	**10000**	05/10/11	**12000**
			Dichloroethene[1,1-]	08/04/10	**34000**	12/02/10	**34000**	02/07/11	**25000**	05/10/11	**27000**
			Dichloropropane[1,2-]	08/04/10	**13000**	12/02/10	**15000**	02/07/11	**9400**	05/10/11	**10000**
			Methylene Chloride	08/04/10	**840**	12/02/10	ND	02/07/11	ND	05/10/11	ND
			Tetrachloroethene	08/04/10	**360000**	12/02/10	**380000**	02/07/11	**290000**	05/10/11	**300000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	110000	12/02/10	100000	02/07/11	75000	05/10/11	97000
			Trichloroethane[1,1,1-]	08/04/10	**830000**	12/02/10	**820000**	02/07/11	**580000**	05/10/11	**620000**
			Trichloroethene	08/04/10	**260000**	12/02/10	**270000**	02/07/11	**190000**	05/10/11	**200000**
			Trichlorofluoromethane	08/04/10	7800	12/02/10	7400	02/07/11	5300	05/10/11	5900
54-24243	23	26	Carbon Tetrachloride	NS	NS	12/10/10	4400	NS	NS	NS	NS
			Chloroform	NS	NS	12/10/10	**28000**	NS	NS	NS	NS
			Dichloroethane[1,1-]	NS	NS	12/10/10	**20000**	NS	NS	NS	NS
			Dichloroethane[1,2-]	NS	NS	12/10/10	**23000**	NS	NS	NS	NS
			Dichloroethene[1,1-]	NS	NS	12/10/10	**39000**	NS	NS	NS	NS
			Dichloropropane[1,2-]	NS	NS	12/10/10	**74000**	NS	NS	NS	NS
			Methylene Chloride	NS	NS	12/10/10	**25000**	NS	NS	NS	NS
			Tetrachloroethene	NS	NS	12/10/10	**32000**	NS	NS	NS	NS

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24243	23	26	Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	12/10/10	330000	NS	NS	NS	NS
			Trichloroethane[1,1,1-]	NS	NS	12/10/10	**1000000**	NS	NS	NS	NS
			Trichloroethene	NS	NS	12/10/10	**310000**	NS	NS	NS	NS
			Trichlorofluoromethane	NS	NS	12/10/10	15000	NS	NS	NS	NS
	24	26	Benzene	08/12/10	ND	NS	NS	03/01/11	560	05/11/11	**1200**
			Carbon Tetrachloride	08/12/10	3100	NS	NS	03/01/11	1800	05/11/11	3400
			Chloroform	08/12/10	**19000**	NS	NS	03/01/11	11000	05/11/11	**23000**
			Dichlorodifluoromethane	08/12/10	1800	NS	NS	03/01/11	1100	05/11/11	1900
			Dichloroethane[1,1-]	08/12/10	**19000**	NS	NS	03/01/11	**8800**	05/11/11	**17000**
			Dichloroethane[1,2-]	08/12/10	**21000**	NS	NS	03/01/11	**8700**	05/11/11	**20000**
			Dichloroethene[1,1-]	08/12/10	**16000**	NS	NS	03/01/11	**20000**	05/11/11	**33000**
			Dichloropropane[1,2-]	08/12/10	**45000**	NS	NS	03/01/11	**30000**	05/11/11	**64000**
			Ethanol	08/12/10	ND	NS	NS	03/01/11	1000	05/11/11	ND
			Ethylbenzene	08/12/10	ND	NS	NS	03/01/11	1100	05/11/11	ND
			Ethyltoluene[4-]	08/12/10	ND	NS	NS	03/01/11	6700	05/11/11	ND
			Methylene Chloride	08/12/10	ND	NS	NS	03/01/11	**10000**	05/11/11	**17000**
			Tetrachloroethene	08/12/10	**21000**	NS	NS	03/01/11	**11000**	05/11/11	**31000**
			Toluene	08/12/10	ND	NS	NS	03/01/11	450	05/11/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	420000	NS	NS	03/01/11	140000	05/11/11	320000
			Trichloroethane[1,1,1-]	08/12/10	**780000**	NS	NS	03/01/11	**430000**	05/11/11	**850000**
			Trichloroethene	08/12/10	**240000**	NS	NS	03/01/11	**110000**	05/11/11	**250000**
			Trichlorofluoromethane	08/12/10	4800	NS	NS	03/01/11	5800	05/11/11	10000
			Trimethylbenzene[1,2,4-]	08/12/10	ND	NS	NS	03/01/11	**10000**	05/11/11	ND
			Trimethylbenzene[1,3,5-]	08/12/10	ND	NS	NS	03/01/11	2800	05/11/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24243	24	26	Xylene[1,2-]	08/12/10	ND	NS	NS	03/01/11	3200	05/11/11	ND
			Xylene[1,3-]+Xylene[1,4-]	08/12/10	ND	NS	NS	03/01/11	5800	05/11/11	ND
	74	76	Carbon Tetrachloride	08/12/10	**5800**	12/10/10	5400	03/01/11	3300	05/11/11	1300
			Chloroform	08/12/10	**35000**	12/10/10	**43000**	03/01/11	**25000**	05/11/11	11000
			Dichlorodifluoromethane	08/12/10	3100	12/10/10	5400	03/01/11	3400	05/11/11	1800
			Dichloroethane[1,1-]	08/12/10	**29000**	12/10/10	**36000**	03/01/11	**21000**	05/11/11	**9200**
			Dichloroethane[1,2-]	08/12/10	**14000**	12/10/10	**20000**	03/01/11	**14000**	05/11/11	**6200**
			Dichloroethene[1,1-]	08/12/10	**36000**	12/10/10	**40000**	03/01/11	**27000**	05/11/11	**11000**
			Dichloropropane[1,2-]	08/12/10	**120000**	12/10/10	**130000**	03/01/11	**75000**	05/11/11	**31000**
			Methylene Chloride	08/12/10	**2000**	12/10/10	ND	03/01/11	ND	05/11/11	ND
			Tetrachloroethene	08/12/10	**37000**	12/10/10	**40000**	03/01/11	**23000**	05/11/11	**11000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	680000	12/10/10	830000	03/01/11	500000	05/11/11	250000
			Trichloroethane[1,1,1-]	08/12/10	**1500000**	12/10/10	**1800000**	03/01/11	**1000000**	05/11/11	**440000**
			Trichloroethene	08/12/10	**420000**	12/10/10	**500000**	03/01/11	**280000**	05/11/11	**120000**
			Trichlorofluoromethane	08/12/10	11000	12/10/10	15000	03/01/11	8200	05/11/11	3400
	124	126	Benzene	08/12/10	**1500**	12/10/10	ND	03/01/11	ND	05/11/11	ND
			Carbon Tetrachloride	08/12/10	4900	12/10/10	4700	03/01/11	2300	05/11/11	2300
			Chloroform	08/12/10	**27000**	12/10/10	**33000**	03/01/11	**19000**	05/11/11	**19000**
			Dichlorodifluoromethane	08/12/10	1700	12/10/10	4000	03/01/11	2800	05/11/11	3800
			Dichloroethane[1,1-]	08/12/10	**20000**	12/10/10	**29000**	03/01/11	**18000**	05/11/11	**17000**
			Dichloroethane[1,2-]	08/12/10	**22000**	12/10/10	**38000**	03/01/11	**26000**	05/11/11	**26000**
			Dichloroethene[1,1-]	08/12/10	**40000**	12/10/10	**22000**	03/01/11	**15000**	05/11/11	**14000**
			Dichloropropane[1,2-]	08/12/10	**83000**	12/10/10	**66000**	03/01/11	**39000**	05/11/11	**37000**
			Methylene Chloride	08/12/10	**25000**	12/10/10	ND	03/01/11	ND	05/11/11	ND
			Tetrachloroethene	08/12/10	**36000**	12/10/10	**30000**	03/01/11	**19000**	05/11/11	**21000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-24243	124	126	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	320000	12/10/10	600000	03/01/11	340000	05/11/11	410000
			Trichloroethane[1,1,1-]	08/12/10	**1100000**	12/10/10	**1100000**	03/01/11	**670000**	05/11/11	**660000**
			Trichloroethene	08/12/10	**320000**	12/10/10	**360000**	03/01/11	**200000**	05/11/11	**210000**
			Trichlorofluoromethane	08/12/10	13000	12/10/10	8200	03/01/11	4700	05/11/11	4600
54-24399	550	608	Ethanol	08/17/10	ND	NS	NS	03/24/11	68	NS	NS
			Tetrachloroethene	08/17/10	450	NS	NS	03/24/11	66	NS	NS
			Toluene	08/17/10	ND	NS	NS	03/24/11	66	NS	NS
			Trichloroethane[1,1,1-]	08/17/10	210	NS	NS	03/24/11	140	NS	NS
			Trichloroethene	08/17/10	270	NS	NS	03/24/11	78	NS	NS
54-27641	29.5	34.5	Carbon Tetrachloride	07/29/10	4100	12/20/10	ND	02/09/11	2500	04/19/11	2800
			Chloroform	07/29/10	7600	12/20/10	6400	02/09/11	6400	04/19/11	5800
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	13000
			Dichlorodifluoromethane	07/29/10	8000	12/20/10	9700	02/09/11	5200	04/19/11	3800
			Dichloroethane[1,1-]	07/29/10	**37000**	12/20/10	**27000**	02/09/11	**26000**	04/19/11	**23000**
			Dichloroethane[1,2-]	07/29/10	**150000**	12/20/10	**130000**	02/09/11	**130000**	04/19/11	**120000**
			Dichloroethene[1,1-]	07/29/10	**17000**	12/20/10	**9800**	02/09/11	**11000**	04/19/11	**9100**
			Dichloropropane[1,2-]	07/29/10	**2700**	12/20/10	ND	02/09/11	**1900**	04/19/11	**1600**
			Methylene Chloride	07/29/10	**2600**	12/20/10	**1800**	02/09/11	**1300**	04/19/11	**1200**
			Tetrachloroethene	07/29/10	**220000**	12/20/10	**130000**	02/09/11	**140000**	04/19/11	**120000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	87000	12/20/10	63000	02/09/11	57000	04/19/11	56000
			Trichloroethane[1,1,1-]	07/29/10	**1400000**	12/20/10	**960000**	02/09/11	**910000**	04/19/11	**860000**
			Trichloroethene	07/29/10	**950000**	12/20/10	**970000**	02/09/11	**870000**	04/19/11	**860000**
			Trichlorofluoromethane	07/29/10	9900	12/20/10	10000	02/09/11	8400	04/19/11	7200

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27641	79.5	84.5	Carbon Tetrachloride	07/29/10	3300	12/20/10	ND	02/09/11	1200	04/19/11	1700
			Chloroform	07/29/10	8300	12/20/10	ND	02/09/11	4500	04/19/11	5400
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	11000
			Dichlorodifluoromethane	07/29/10	6000	12/20/10	7100	02/09/11	3400	04/19/11	3400
			Dichloroethane[1,1-]	07/29/10	**34000**	12/20/10	**19000**	02/09/11	**16000**	04/19/11	**18000**
			Dichloroethane[1,2-]	07/29/10	**100000**	12/20/10	**73000**	02/09/11	**66000**	04/19/11	**73000**
			Dichloroethene[1,1-]	07/29/10	**22000**	12/20/10	**11000**	02/09/11	**9000**	04/19/11	**10000**
			Dichloropropane[1,2-]	07/29/10	**3300**	12/20/10	**2000**	02/09/11	**1600**	04/19/11	**2000**
			Hexane	07/29/10	2000	12/20/10	ND	02/09/11	840	04/19/11	730
			Methylene Chloride	07/29/10	**27000**	12/20/10	**13000**	02/09/11	**9800**	04/19/11	**10000**
			Tetrachloroethene	07/29/10	**200000**	12/20/10	**100000**	02/09/11	**91000**	04/19/11	**110000**
			Tetrahydrofuran	07/29/10	ND	12/20/10	ND	02/09/11	570	04/19/11	600
			Toluene	07/29/10	1100	12/20/10	ND	02/09/11	ND	04/19/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	69000	12/20/10	37000	02/09/11	26000	04/19/11	36000
			Trichloroethane[1,1,1-]	07/29/10	**1200000**	12/20/10	**690000**	02/09/11	**540000**	04/19/11	**680000**
			Trichloroethene	07/29/10	**380000**	12/20/10	**230000**	02/09/11	**200000**	04/19/11	**260000**
			Trichlorofluoromethane	07/29/10	10000	12/20/10	6700	02/09/11	4400	04/19/11	5100
	112.5	117.5	Carbon Tetrachloride	07/29/10	2400	12/20/10	ND	02/09/11	690	04/19/11	1100
			Chloroform	07/29/10	7000	12/20/10	6900	02/09/11	3000	04/19/11	4500
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	9400
			Dichlorodifluoromethane	07/29/10	4800	12/20/10	6300	02/09/11	2100	04/19/11	2800
			Dichloroethane[1,1-]	07/29/10	**33000**	12/20/10	**24000**	02/09/11	**11000**	04/19/11	**15000**
			Dichloroethane[1,2-]	07/29/10	**57000**	12/20/10	**63000**	02/09/11	**28000**	04/19/11	**39000**
			Dichloroethene[1,1-]	07/29/10	**26000**	12/20/10	**17000**	02/09/11	**8200**	04/19/11	**12000**
			Dichloropropane[1,2-]	07/29/10	**3500**	12/20/10	**3100**	02/09/11	**1400**	04/19/11	**2000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27641	112.5	117.5	Methylene Chloride	07/29/10	**17000**	12/20/10	**12000**	02/09/11	**4800**	04/19/11	**6200**
			Tetrachloroethene	07/29/10	**120000**	12/20/10	**110000**	02/09/11	**49000**	04/19/11	**76000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	51000	12/20/10	38000	02/09/11	17000	04/19/11	27000
			Trichloroethane[1,1,1-]	07/29/10	**1100000**	12/20/10	**930000**	02/09/11	**390000**	04/19/11	**600000**
			Trichloroethene	07/29/10	**250000**	12/20/10	**260000**	02/09/11	**110000**	04/19/11	**170000**
			Trichlorofluoromethane	07/29/10	7300	12/20/10	6200	02/09/11	2500	04/19/11	3600
	179.5	184.5	Carbon Tetrachloride	07/29/10	1700	12/20/10	ND	02/09/11	530	04/19/11	770
			Chloroform	07/29/10	3800	12/20/10	2700	02/09/11	1500	04/19/11	2000
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	5800
			Dichlorodifluoromethane	07/29/10	3900	12/20/10	3700	02/09/11	1600	04/19/11	2000
			Dichloroethane[1,1-]	07/29/10	**16000**	12/20/10	**11000**	02/09/11	**6100**	04/19/11	**8000**
			Dichloroethane[1,2-]	07/29/10	**12000**	12/20/10	**12000**	02/09/11	**5100**	04/19/11	**7000**
			Dichloroethene[1,1-]	07/29/10	**27000**	12/20/10	**17000**	02/09/11	**11000**	04/19/11	**14000**
			Dichloropropane[1,2-]	07/29/10	**1900**	12/20/10	ND	02/09/11	**670**	04/19/11	**920**
			Methylene Chloride	07/29/10	**20000**	12/20/10	**11000**	02/09/11	**6900**	04/19/11	**8400**
			Tetrachloroethene	07/29/10	**34000**	12/20/10	**23000**	02/09/11	**13000**	04/19/11	**20000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	29000	12/20/10	21000	02/09/11	11000	04/19/11	16000
			Trichloroethane[1,1,1-]	07/29/10	**750000**	12/20/10	**480000**	02/09/11	**270000**	04/19/11	**380000**
			Trichloroethene	07/29/10	**160000**	12/20/10	**130000**	02/09/11	**64000**	04/19/11	**95000**
			Trichlorofluoromethane	07/29/10	5200	12/20/10	3500	02/09/11	1800	04/19/11	2300
	268.5	273.5	Carbon Tetrachloride	07/29/10	920	12/20/10	810	02/09/11	400	04/19/11	420
			Chloroform	07/29/10	780	12/20/10	840	02/09/11	380	04/19/11	410
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	1700
			Dichlorodifluoromethane	07/29/10	2000	12/20/10	2900	02/09/11	1100	04/19/11	1100

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27641	268.5	273.5	Dichloroethane[1,1-]	07/29/10	2700	12/20/10	2600	02/09/11	1300	04/19/11	1400
			Dichloroethane[1,2-]	07/29/10	210	12/20/10	**840**	02/09/11	ND	04/19/11	100
			Dichloroethene[1,1-]	07/29/10	**18000**	12/20/10	**17000**	02/09/11	**9300**	04/19/11	**9900**
			Methylene Chloride	07/29/10	**2400**	12/20/10	**2300**	02/09/11	**1100**	04/19/11	**1100**
			Tetrachloroethene	07/29/10	**8400**	12/20/10	**8200**	02/09/11	**3700**	04/19/11	**4400**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	18000	12/20/10	19000	02/09/11	9300	04/19/11	11000
			Trichloroethane[1,1,1-]	07/29/10	**190000**	12/20/10	**180000**	02/09/11	**84000**	04/19/11	**97000**
			Trichloroethene	07/29/10	**50000**	12/20/10	**52000**	02/09/11	**23000**	04/19/11	**28000**
			Trichlorofluoromethane	07/29/10	2700	12/20/10	3000	02/09/11	1400	04/19/11	1400
	330	335	Carbon Tetrachloride	07/29/10	170	12/20/10	190	02/09/11	82	04/29/11	180
			Chloroform	07/29/10	61	12/20/10	84	02/09/11	ND	04/29/11	110
			Dichlorodifluoromethane	07/29/10	460	12/20/10	730	02/09/11	250	04/29/11	480
			Dichloroethane[1,1-]	07/29/10	160	12/20/10	210	02/09/11	70	04/29/11	200
			Dichloroethane[1,2-]	07/29/10	ND	12/20/10	170	02/09/11	ND	04/29/11	42
			Dichloroethene[1,1-]	07/29/10	3800	12/20/10	3800	02/09/11	1800	04/29/11	4000
			Methylene Chloride	07/29/10	95	12/20/10	140	02/09/11	45	04/29/11	110
			Tetrachloroethene	07/29/10	1100	12/20/10	1200	02/09/11	460	04/29/11	2300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	5700	12/20/10	5600	02/09/11	2400	04/29/11	6400
			Trichloroethane[1,1,1-]	07/29/10	14000	12/20/10	18000	02/09/11	6900	04/29/11	16000
			Trichloroethene	07/29/10	**5400**	12/20/10	**6600**	02/09/11	**2500**	04/29/11	**6500**
			Trichlorofluoromethane	07/29/10	880	12/20/10	910	02/09/11	380	04/29/11	790
54-27642	27.5	32.5	Carbon Tetrachloride	07/27/10	5100	12/01/10	**5900**	01/28/11	4100	05/05/11	3700
			Chloroform	07/27/10	**38000**	12/01/10	**82000**	01/28/11	**92000**	05/05/11	**120000**
			Dichlorodifluoromethane	07/27/10	2500	12/01/10	ND	01/28/11	4500	05/05/11	4800

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27642	27.5	32.5	Dichloroethane[1,1-]	07/27/10	**30000**	12/01/10	**35000**	01/28/11	**27000**	05/05/11	**24000**
			Dichloroethane[1,2-]	07/27/10	**27000**	12/01/10	**41000**	01/28/11	**35000**	05/05/11	**40000**
			Dichloroethene[1,1-]	07/27/10	**40000**	12/01/10	**46000**	01/28/11	**36000**	05/05/11	**31000**
			Dichloropropane[1,2-]	07/27/10	**69000**	12/01/10	**95000**	01/28/11	**63000**	05/05/11	**56000**
			Methylene Chloride	07/27/10	ND	12/01/10	**3500**	01/28/11	ND	05/05/11	ND
			Tetrachloroethene	07/27/10	**44000**	12/01/10	**66000**	01/28/11	**48000**	05/05/11	**43000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	1900000	12/01/10	3800000	01/28/11	2800000	05/05/11	1900000
			Trichloroethane[1,1,1-]	07/27/10	**1500000**	12/01/10	**1600000**	01/28/11	**1300000**	05/05/11	**1100000**
			Trichloroethene	07/27/10	**290000**	12/01/10	**500000**	01/28/11	**410000**	05/05/11	**380000**
			Trichlorofluoromethane	07/27/10	8100	12/01/10	7700	01/28/11	7100	05/05/11	6300
	71.5	76.5	Benzene	07/27/10	**2300**	12/01/10	**2400**	01/28/11	**1900**	05/05/11	**1600**
			Carbon Tetrachloride	07/27/10	**6700**	12/01/10	**7700**	01/28/11	**6100**	05/05/11	4400
			Chloroform	07/27/10	**38000**	12/01/10	**42000**	01/28/11	**40000**	05/05/11	**32000**
			Cyclohexane	07/27/10	ND	12/01/10	27000	01/28/11	ND	05/05/11	ND
			Dichlorodifluoromethane	07/27/10	ND	12/01/10	2600	01/28/11	3200	05/05/11	2200
			Dichloroethane[1,1-]	07/27/10	**28000**	12/01/10	**30000**	01/28/11	**27000**	05/05/11	**20000**
			Dichloroethane[1,2-]	07/27/10	**26000**	12/01/10	**23000**	01/28/11	**21000**	05/05/11	**14000**
			Dichloroethene[1,1-]	07/27/10	**66000**	12/01/10	**69000**	01/28/11	**61000**	05/05/11	**43000**
			Dichloropropane[1,2-]	07/27/10	**130000**	12/01/10	**120000**	01/28/11	**110000**	05/05/11	**82000**
			Methylene Chloride	07/27/10	**6700**	12/01/10	**5700**	01/28/11	**3200**	05/05/11	**1400**
			Tetrachloroethene	07/27/10	**57000**	12/01/10	**62000**	01/28/11	**59000**	05/05/11	**40000**
			Tetrahydrofuran	07/27/10	44000	12/01/10	44000	01/28/11	42000	05/05/11	26000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	600000	12/01/10	620000	01/28/11	580000	05/05/11	570000
			Trichloroethane[1,1,1-]	07/27/10	**1600000**	12/01/10	**1700000**	01/28/11	**1500000**	05/05/11	**1100000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27642	71.5	76.5	Trichloroethane[1,1,2-]	07/27/10	ND	12/01/10	**2100**	01/28/11	**1900**	05/05/11	ND
			Trichloroethene	07/27/10	**420000**	12/01/10	**410000**	01/28/11	**380000**	05/05/11	**280000**
			Trichlorofluoromethane	07/27/10	27000	12/01/10	22000	01/28/11	21000	05/05/11	15000
	114.5	119.5	Carbon Tetrachloride	07/27/10	**6200**	12/01/10	3200	01/28/11	5400	05/05/11	4400
			Chloroform	07/27/10	**38000**	12/01/10	**33000**	01/28/11	**66000**	05/05/11	**61000**
			Dichlorodifluoromethane	07/27/10	3100	12/01/10	1900	01/28/11	4500	05/05/11	4200
			Dichloroethane[1,1-]	07/27/10	**34000**	12/01/10	**19000**	01/28/11	**32000**	05/05/11	**25000**
			Dichloroethane[1,2-]	07/27/10	**19000**	12/01/10	**16000**	01/28/11	**27000**	05/05/11	**20000**
			Dichloroethene[1,1-]	07/27/10	**52000**	12/01/10	**30000**	01/28/11	**49000**	05/05/11	**38000**
			Dichloropropane[1,2-]	07/27/10	**120000**	12/01/10	**78000**	01/28/11	**130000**	05/05/11	**86000**
			Methylene Chloride	07/27/10	**5400**	12/01/10	**1600**	01/28/11	ND	05/05/11	ND
			Tetrachloroethene	07/27/10	**58000**	12/01/10	**31000**	01/28/11	**62000**	05/05/11	**48000**
			Tetrahydrofuran	07/27/10	ND	12/01/10	680	01/28/11	ND	05/05/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	1300000	12/01/10	850000	01/28/11	1700000	05/05/11	1500000
			Trichloroethane[1,1,1-]	07/27/10	**1800000**	12/01/10	**860000**	01/28/11	**1700000**	05/05/11	**1300000**
			Trichloroethane[1,1,2-]	07/27/10	ND	12/01/10	**1000**	01/28/11	ND	05/05/11	ND
			Trichloroethene	07/27/10	**380000**	12/01/10	**230000**	01/28/11	**420000**	05/05/11	**330000**
			Trichlorofluoromethane	07/27/10	14000	12/01/10	6500	01/28/11	13000	05/05/11	10000
	172.5	177.5	Benzene	07/27/10	**4100**	12/01/10	**3300**	01/28/11	**3300**	05/05/11	**3000**
			Carbon Tetrachloride	07/27/10	**7000**	12/01/10	**5900**	01/28/11	**5800**	05/05/11	4800
			Chlorobenzene	07/27/10	1400	12/01/10	1300	01/28/11	1300	05/05/11	ND
			Chloroform	07/27/10	**30000**	12/01/10	**28000**	01/28/11	**29000**	05/05/11	**24000**
			Dichlorodifluoromethane	07/27/10	2600	12/01/10	1900	01/28/11	2900	05/05/11	2400
			Dichloroethane[1,1-]	07/27/10	**14000**	12/01/10	**12000**	01/28/11	**12000**	05/05/11	**10000**
			Dichloroethane[1,2-]	07/27/10	**19000**	12/01/10	**17000**	01/28/11	**17000**	05/05/11	**15000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27642	172.5	177.5	Dichloroethene[1,1-]	07/27/10	**68000**	12/01/10	**60000**	01/28/11	**62000**	05/05/11	**51000**
			Dichloropropane[1,2-]	07/27/10	**45000**	12/01/10	**40000**	01/28/11	**36000**	05/05/11	**30000**
			Hexane	07/27/10	2200	12/01/10	1700	01/28/11	1800	05/05/11	1600
			Methylene Chloride	07/27/10	**94000**	12/01/10	**76000**	01/28/11	**75000**	05/05/11	**58000**
			Tetrachloroethene	07/27/10	**41000**	12/01/10	**36000**	01/28/11	**38000**	05/05/11	**34000**
			Tetrahydrofuran	07/27/10	ND	12/01/10	3000	01/28/11	ND	05/05/11	ND
			Toluene	07/27/10	15000	12/01/10	14000	01/28/11	13000	05/05/11	11000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	250000	12/01/10	220000	01/28/11	250000	05/05/11	240000
			Trichloroethane[1,1,1-]	07/27/10	**1000000**	12/01/10	**860000**	01/28/11	**900000**	05/05/11	**770000**
			Trichloroethene	07/27/10	**330000**	12/01/10	**260000**	01/28/11	**270000**	05/05/11	**230000**
			Trichlorofluoromethane	07/27/10	28000	12/01/10	18000	01/28/11	25000	05/05/11	22000
			Xylene[1,2-]	07/27/10	2700	12/01/10	2500	01/28/11	2800	05/05/11	2300
			Xylene[1,3-]+Xylene[1,4-]	07/27/10	1500	12/01/10	1800	01/28/11	2100	05/05/11	ND
	272.5	277.5	Benzene	07/27/10	**2500**	12/01/10	**2500**	01/28/11	**2100**	05/05/11	ND
			Carbon Tetrachloride	07/27/10	4100	12/01/10	5000	01/28/11	4100	05/05/11	ND
			Chloroform	07/27/10	12000	12/01/10	**16000**	01/28/11	12000	05/05/11	ND
			Dichlorodifluoromethane	07/27/10	2400	12/01/10	2800	01/28/11	2800	05/05/11	ND
			Dichloroethane[1,1-]	07/27/10	3600	12/01/10	**6600**	01/28/11	3600	05/05/11	ND
			Dichloroethane[1,2-]	07/27/10	**780**	12/01/10	**2600**	01/28/11	**900**	05/05/11	ND
			Dichloroethene[1,1-]	07/27/10	**62000**	12/01/10	**62000**	01/28/11	**55000**	05/05/11	480
			Dichloropropane[1,2-]	07/27/10	**5000**	12/01/10	**19000**	01/28/11	**5100**	05/05/11	390
			Hexane	07/27/10	2200	12/01/10	2200	01/28/11	2100	05/05/11	ND
			Methylene Chloride	07/27/10	**34000**	12/01/10	**31000**	01/28/11	**29000**	05/05/11	510
			Tetrachloroethene	07/27/10	**17000**	12/01/10	**22000**	01/28/11	**16000**	05/05/11	570
			Tetrahydrofuran	07/27/10	ND	12/01/10	11000	01/28/11	ND	05/05/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27642	272.5	277.5	Toluene	07/27/10	3700	12/01/10	3400	01/28/11	3000	05/05/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	180000	12/01/10	240000	01/28/11	150000	05/05/11	1900
			Trichloroethane[1,1,1-]	07/27/10	**400000**	12/01/10	**510000**	01/28/11	**360000**	05/05/11	7500
			Trichloroethene	07/27/10	**160000**	12/01/10	**190000**	01/28/11	**140000**	05/05/11	**2800**
			Trichlorofluoromethane	07/27/10	23000	12/01/10	20000	01/28/11	19000	05/05/11	ND
	335.5	340.5	Acetone	07/27/10	ND	12/01/10	ND	01/28/11	270	05/05/11	ND
			Benzene	07/27/10	570	12/01/10	600	01/28/11	580	05/05/11	680
			Carbon Tetrachloride	07/27/10	1600	12/01/10	1700	01/28/11	1600	05/05/11	1900
			Chloroform	07/27/10	1600	12/01/10	3400	01/28/11	2800	05/05/11	3200
			Dichlorodifluoromethane	07/27/10	1100	12/01/10	1200	01/28/11	1300	05/05/11	1400
			Dichloroethane[1,1-]	07/27/10	550	12/01/10	1800	01/28/11	1300	05/05/11	1500
			Dichloroethane[1,2-]	07/27/10	ND	12/01/10	**700**	01/28/11	**410**	05/05/11	**400**
			Dichloroethene[1,1-]	07/27/10	**28000**	12/01/10	**22000**	01/28/11	**22000**	05/05/11	**24000**
			Dichloropropane[1,2-]	07/27/10	180	12/01/10	**6900**	01/28/11	**4200**	05/05/11	**4300**
			Hexane	07/27/10	730	12/01/10	360	01/28/11	430	05/05/11	220
			Methylene Chloride	07/27/10	**4200**	12/01/10	**3400**	01/28/11	**3300**	05/05/11	**3400**
			Propylene	07/27/10	120 (J)	12/01/10	ND	01/28/11	ND	05/05/11	ND
			Tetrachloroethene	07/27/10	3300	12/01/10	**5300**	01/28/11	**4700**	05/05/11	**5300**
			Tetrahydrofuran	07/27/10	ND	12/01/10	4300	01/28/11	7400	05/05/11	860
			Toluene	07/27/10	380	12/01/10	210	01/28/11	290	05/05/11	300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	55000	12/01/10	66000	01/28/11	63000	05/05/11	74000
			Trichloroethane[1,1,1-]	07/27/10	**74000**	12/01/10	**130000**	01/28/11	**110000**	05/05/11	**130000**
			Trichloroethene	07/27/10	**43000**	12/01/10	**49000**	01/28/11	**43000**	05/05/11	**49000**
			Trichlorofluoromethane	07/27/10	6800	12/01/10	5300	01/28/11	5300	05/05/11	6400

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27643	27.5	32.5	Carbon Tetrachloride	08/17/10	1800	12/13/10	2200	03/08/11	1600	05/17/11	1600
			Chloroform	08/17/10	9100	12/13/10	13000	03/08/11	11000	05/17/11	11000
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	6600	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	ND	12/13/10	650	03/08/11	590	05/17/11	610
			Dichloroethane[1,1-]	08/17/10	5200	12/13/10	**7500**	03/08/11	5700	05/17/11	5500
			Dichloroethane[1,2-]	08/17/10	**3400**	12/13/10	**5500**	03/08/11	**4600**	05/17/11	**4300**
			Dichloroethene[1,1-]	08/17/10	**6400**	12/13/10	**11000**	03/08/11	**8600**	05/17/11	**7200**
			Dichloropropane[1,2-]	08/17/10	**22000**	12/13/10	**33000**	03/08/11	**25000**	05/17/11	**25000**
			Tetrachloroethene	08/17/10	**19000**	12/13/10	**23000**	03/08/11	**16000**	05/17/11	**20000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	130000	12/13/10	190000	03/08/11	150000	05/17/11	170000
			Trichloroethane[1,1,1-]	08/17/10	**320000**	12/13/10	**410000**	03/08/11	**340000**	05/17/11	**310000**
			Trichloroethane[1,1,2-]	08/17/10	**660**	12/13/10	**820**	03/08/11	**700**	05/17/11	ND
			Trichloroethene	08/17/10	**65000**	12/13/10	**82000**	03/08/11	**63000**	05/17/11	**69000**
			Trichlorofluoromethane	08/17/10	3800	12/13/10	6100	03/08/11	4300	05/17/11	4600
	71.5	76.5	Benzene	08/17/10	770	12/13/10	900	03/08/11	790	05/17/11	730
			Carbon Tetrachloride	08/17/10	2800	12/13/10	3400	03/08/11	2400	05/17/11	2200
			Chlorobenzene	08/17/10	800	12/13/10	970	03/08/11	750	05/17/11	750
			Chloroform	08/17/10	14000	12/13/10	**18000**	03/08/11	**16000**	05/17/11	14000
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	9900	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	670	12/13/10	1100	03/08/11	970	05/17/11	840
			Dichloroethane[1,1-]	08/17/10	**6700**	12/13/10	**9600**	03/08/11	**8200**	05/17/11	**7000**
			Dichloroethane[1,2-]	08/17/10	**8200**	12/13/10	**12000**	03/08/11	**9900**	05/17/11	**8100**
			Dichloroethene[1,1-]	08/17/10	**12000**	12/13/10	**19000**	03/08/11	**16000**	05/17/11	**12000**
			Dichloropropane[1,2-]	08/17/10	**34000**	12/13/10	**43000**	03/08/11	**35000**	05/17/11	**32000**
			Methylene Chloride	08/17/10	**4000**	12/13/10	**5500**	03/08/11	**5200**	05/17/11	**3900**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27643	71.5	76.5	Tetrachloroethene	08/17/10	**25000**	12/13/10	**29000**	03/08/11	**21000**	05/17/11	**23000**
			Tetrahydrofuran	08/17/10	14000	12/13/10	23000	03/08/11	20000	05/17/11	15000
			Toluene	08/17/10	1000	12/13/10	1200	03/08/11	900	05/17/11	780
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	130000	12/13/10	170000	03/08/11	140000	05/17/11	150000
			Trichloroethane[1,1,1-]	08/17/10	**480000**	12/13/10	**590000**	03/08/11	**520000**	05/17/11	**410000**
			Trichloroethane[1,1,2-]	08/17/10	**1000**	12/13/10	**1100**	03/08/11	**930**	05/17/11	ND
			Trichloroethene	08/17/10	**100000**	12/13/10	**120000**	03/08/11	**100000**	05/17/11	**94000**
			Trichlorofluoromethane	08/17/10	7300	12/13/10	11000	03/08/11	8300	05/17/11	7600
			Xylene[1,2-]	08/17/10	980	12/13/10	1600	03/08/11	1000	05/17/11	1000
	114.5	119.5	Benzene	08/17/10	**1300**	12/13/10	**1400**	03/08/11	**1400**	05/17/11	**1200**
			Carbon Tetrachloride	08/17/10	3100	12/13/10	3000	03/08/11	2600	05/17/11	2600
			Chlorobenzene	08/17/10	1000	12/13/10	890	03/08/11	870	05/17/11	890
			Chloroform	08/17/10	**16000**	12/13/10	**17000**	03/08/11	**18000**	05/17/11	**16000**
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	11000	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	1000	12/13/10	1200	03/08/11	1200	05/17/11	1100
			Dichloroethane[1,1-]	08/17/10	**7100**	12/13/10	**7900**	03/08/11	**8000**	05/17/11	**7000**
			Dichloroethane[1,2-]	08/17/10	**9300**	12/13/10	**12000**	03/08/11	**12000**	05/17/11	**10000**
			Dichloroethene[1,1-]	08/17/10	**20000**	12/13/10	**24000**	03/08/11	**25000**	05/17/11	**19000**
			Dichloropropane[1,2-]	08/17/10	**34000**	12/13/10	**33000**	03/08/11	**33000**	05/17/11	**30000**
			Methylene Chloride	08/17/10	**14000**	12/13/10	**13000**	03/08/11	**15000**	05/17/11	**11000**
			Tetrachloroethene	08/17/10	**26000**	12/13/10	**22000**	03/08/11	**20000**	05/17/11	**22000**
			Tetrahydrofuran	08/17/10	2000	12/13/10	3200	03/08/11	2800	05/17/11	ND
			Toluene	08/17/10	2800	12/13/10	2300	03/08/11	2200	05/17/11	2000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	120000	12/13/10	120000	03/08/11	120000	05/17/11	130000

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27643	114.5	119.5	Trichloroethane[1,1,1-]	08/17/10	**500000**	12/13/10	**520000**	03/08/11	**560000**	05/17/11	**450000**
			Trichloroethane[1,1,2-]	08/17/10	**900**	12/13/10	ND	03/08/11	**780**	05/17/11	ND
			Trichloroethene	08/17/10	**130000**	12/13/10	**120000**	03/08/11	**120000**	05/17/11	**110000**
			Trichlorofluoromethane	08/17/10	12000	12/13/10	13000	03/08/11	12000	05/17/11	11000
			Xylene[1,2-]	08/17/10	1700	12/13/10	1800	03/08/11	1600	05/17/11	1500
	164.5	169.5	Benzene	08/17/10	**2000**	12/13/10	**2600**	03/08/11	**1900**	05/17/11	**1800**
			Carbon Tetrachloride	08/17/10	3500	12/13/10	4500	03/08/11	2800	05/17/11	2700
			Chlorobenzene	08/17/10	700	12/13/10	1000	03/08/11	560	05/17/11	680
			Chloroform	08/17/10	**18000**	12/13/10	**24000**	03/08/11	**18000**	05/17/11	**16000**
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	8800	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	1500	12/13/10	2000	03/08/11	1600	05/17/11	1400
			Dichloroethane[1,1-]	08/17/10	**5800**	12/13/10	**8100**	03/08/11	**6100**	05/17/11	5400
			Dichloroethane[1,2-]	08/17/10	**7900**	12/13/10	**12000**	03/08/11	**8800**	05/17/11	**7900**
			Dichloroethene[1,1-]	08/17/10	**31000**	12/13/10	**44000**	03/08/11	**34000**	05/17/11	**27000**
			Dichloropropane[1,2-]	08/17/10	**21000**	12/13/10	**28000**	03/08/11	**19000**	05/17/11	**18000**
			Hexane	08/17/10	820	12/13/10	1200	03/08/11	890	05/17/11	750
			Methylene Chloride	08/17/10	**32000**	12/13/10	**38000**	03/08/11	**32000**	05/17/11	**27000**
			Tetrachloroethene	08/17/10	**19000**	12/13/10	**24000**	03/08/11	**15000**	05/17/11	**17000**
			Toluene	08/17/10	4900	12/13/10	6600	03/08/11	3900	05/17/11	4100
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	130000	12/13/10	140000	03/08/11	100000	05/17/11	110000
			Trichloroethane[1,1,1-]	08/17/10	**460000**	12/13/10	**590000**	03/08/11	**460000**	05/17/11	**390000**
			Trichloroethene	08/17/10	**130000**	12/13/10	**170000**	03/08/11	**120000**	05/17/11	**120000**
			Trichlorofluoromethane	08/17/10	16000	12/13/10	21000	03/08/11	15000	05/17/11	14000
			Xylene[1,2-]	08/17/10	1200	12/13/10	2400	03/08/11	1000	05/17/11	1300
			Xylene[1,3-]+Xylene[1,4-]	08/17/10	ND	12/13/10	520	03/08/11	ND	05/17/11	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27643	272.5	277.5	Benzene	08/17/10	**1500**	12/13/10	**1800**	03/08/11	**1300**	05/17/11	**1400**
			Carbon Tetrachloride	08/17/10	2700	12/13/10	3300	03/08/11	2200	05/17/11	2400
			Chloroform	08/17/10	8400	12/13/10	11000	03/08/11	8300	05/17/11	8400
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	4100	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	1400	12/13/10	2100	03/08/11	1600	05/17/11	1600
			Dichloroethane[1,1-]	08/17/10	2100	12/13/10	2900	03/08/11	2100	05/17/11	2200
			Dichloroethane[1,2-]	08/17/10	**370**	12/13/10	**590**	03/08/11	**410**	05/17/11	**460**
			Dichloroethene[1,1-]	08/17/10	**32000**	12/13/10	**47000**	03/08/11	**36000**	05/17/11	**30000**
			Dichloropropane[1,2-]	08/17/10	**2500**	12/13/10	**3600**	03/08/11	**2500**	05/17/11	**2700**
			Hexane	08/17/10	1200	12/13/10	1500	03/08/11	980	05/17/11	950
			Methylene Chloride	08/17/10	**20000**	12/13/10	**25000**	03/08/11	**21000**	05/17/11	**20000**
			Tetrachloroethene	08/17/10	**8500**	12/13/10	**10000**	03/08/11	**6800**	05/17/11	**8700**
			Toluene	08/17/10	1200	12/13/10	870	03/08/11	520	05/17/11	550
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	98000	12/13/10	110000	03/08/11	81000	05/17/11	96000
			Trichloroethane[1,1,1-]	08/17/10	**200000**	12/13/10	**260000**	03/08/11	**200000**	05/17/11	**190000**
			Trichloroethene	08/17/10	**79000**	12/13/10	**98000**	03/08/11	**71000**	05/17/11	**77000**
			Trichlorofluoromethane	08/17/10	11000	12/13/10	16000	03/08/11	11000	05/17/11	12000
	351.5	356.5	Benzene	08/17/10	530	12/13/10	520	03/08/11	480	05/17/11	440
			Carbon Tetrachloride	08/17/10	1300	12/13/10	1300	03/08/11	1300	05/17/11	1100
			Chloroform	08/17/10	1200	12/13/10	1300	03/08/11	1500	05/17/11	1200
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	1100	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	840	12/13/10	1000	03/08/11	1200	05/17/11	860
			Dichloroethane[1,1-]	08/17/10	330	12/13/10	390	03/08/11	370	05/17/11	330
			Dichloroethene[1,1-]	08/17/10	**18000**	12/13/10	**19000**	03/08/11	**17000**	05/17/11	**14000**
			Dichloropropane[1,2-]	08/17/10	77	12/13/10	94	03/08/11	120	05/17/11	100

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-27643	351.5	356.5	Hexane	08/17/10	530	12/13/10	420	03/08/11	300	05/17/11	280
			Methylene Chloride	08/17/10	**2200**	12/13/10	**2300**	03/08/11	**2400**	05/17/11	**2200**
			Propylene	08/17/10	86	12/13/10	ND	03/08/11	ND	05/17/11	74
			Tetrachloroethene	08/17/10	2400	12/13/10	2100	03/08/11	2600	05/17/11	2100
			Toluene	08/17/10	220	12/13/10	140	03/08/11	86	05/17/11	94
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	40000	12/13/10	36000	03/08/11	42000	05/17/11	30000
			Trichloroethane[1,1,1-]	08/17/10	**48000**	12/13/10	**53000**	03/08/11	**64000**	05/17/11	**44000**
			Trichloroethene	08/17/10	**23000**	12/13/10	**22000**	03/08/11	**27000**	05/17/11	**20000**
			Trichlorofluoromethane	08/17/10	4600	12/13/10	4700	03/08/11	5100	05/17/11	4000
54-610786	22.5	27.5	Carbon Tetrachloride	08/20/10	1400	12/10/10	1600	03/02/11	1300	05/12/11	1100
			Chloroform	08/20/10	10000	12/10/10	**16000**	03/02/11	15000	05/12/11	13000
			Dichlorodifluoromethane	08/20/10	510	12/10/10	1100	03/02/11	800	05/12/11	670
			Dichloroethane[1,1-]	08/20/10	**6500**	12/10/10	**6700**	03/02/11	5400	05/12/11	5000
			Dichloroethane[1,2-]	08/20/10	**4600**	12/10/10	**5400**	03/02/11	**5100**	05/12/11	**4900**
			Dichloroethene[1,1-]	08/20/10	**6200**	12/10/10	**6400**	03/02/11	**6500**	05/12/11	5200
			Dichloropropane[1,2-]	08/20/10	**24000**	12/10/10	**24000**	03/02/11	**19000**	05/12/11	**17000**
			Tetrachloroethene	08/20/10	**22000**	12/10/10	**24000**	03/02/11	**20000**	05/12/11	**17000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/20/10	210000	12/10/10	370000	03/02/11	300000	05/12/11	210000
			Trichloroethane[1,1,1-]	08/20/10	**340000**	12/10/10	**380000**	03/02/11	**360000**	05/12/11	**260000**
			Trichloroethane[1,1,2-]	08/20/10	**740**	12/10/10	ND	03/02/11	ND	05/12/11	ND
			Trichloroethene	08/20/10	**80000**	12/10/10	**96000**	03/02/11	**82000**	05/12/11	**67000**
			Trichlorofluoromethane	08/20/10	3200	12/10/10	4000	03/02/11	3600	05/12/11	2700
	97.5	102.5	Benzene	08/20/10	**1300**	12/10/10	1000	03/02/11	710	05/12/11	820
			Carbon Tetrachloride	08/20/10	2700	12/10/10	2600	03/02/11	1800	05/12/11	1900

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-610786	97.5	102.5	Chlorobenzene	08/20/10	1300	12/10/10	1400	03/02/11	940	05/12/11	970
			Chloroform	08/20/10	15000	12/10/10	**16000**	03/02/11	12000	05/12/11	12000
			Dichlorodifluoromethane	08/20/10	930	12/10/10	1500	03/02/11	820	05/12/11	810
			Dichloroethane[1,1-]	08/20/10	**8100**	12/10/10	**8200**	03/02/11	**5800**	05/12/11	**6400**
			Dichloroethane[1,2-]	08/20/10	**9500**	12/10/10	**10000**	03/02/11	**7900**	05/12/11	**8100**
			Dichloroethene[1,1-]	08/20/10	**16000**	12/10/10	**16000**	03/02/11	**12000**	05/12/11	**12000**
			Dichloropropane[1,2-]	08/20/10	**34000**	12/10/10	**33000**	03/02/11	**23000**	05/12/11	**23000**
			Ethanol	08/20/10	ND	12/10/10	3700	03/02/11	ND	05/12/11	1900
			Methylene Chloride	08/20/10	**14000**	12/10/10	**12000**	03/02/11	**8500**	05/12/11	**8200**
			Tetrachloroethene	08/20/10	**27000**	12/10/10	**26000**	03/02/11	**19000**	05/12/11	**21000**
			Tetrahydrofuran	08/20/10	26000	12/10/10	25000	03/02/11	17000	05/12/11	19000
			Toluene	08/20/10	2000	12/10/10	1900	03/02/11	1300	05/12/11	1300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/20/10	160000	12/10/10	160000	03/02/11	130000	05/12/11	180000
			Trichloroethane[1,1,1-]	08/20/10	**530000**	12/10/10	**550000**	03/02/11	**420000**	05/12/11	**410000**
			Trichloroethane[1,1,2-]	08/20/10	**920**	12/10/10	ND	03/02/11	ND	05/12/11	ND
			Trichloroethene	08/20/10	**130000**	12/10/10	**130000**	03/02/11	**92000**	05/12/11	**93000**
			Trichlorofluoromethane	08/20/10	9600	12/10/10	10000	03/02/11	7200	05/12/11	7000
			Xylene[1,2-]	08/20/10	1400	12/10/10	1600	03/02/11	990	05/12/11	1400
	116	121	Benzene	08/20/10	**1500**	12/10/10	1100	03/02/11	710	05/12/11	**1300**
			Carbon Tetrachloride	08/20/10	3100	12/10/10	2300	03/02/11	1800	05/12/11	2600
			Chlorobenzene	08/20/10	1300	12/10/10	1000	03/02/11	920	05/12/11	1200
			Chloroform	08/20/10	**17000**	12/10/10	14000	03/02/11	12000	05/12/11	15000
			Dichlorodifluoromethane	08/20/10	1100	12/10/10	1300	03/02/11	800	05/12/11	1000
			Dichloroethane[1,1-]	08/20/10	**8400**	12/10/10	**6500**	03/02/11	5600	05/12/11	**7200**
			Dichloroethane[1,2-]	08/20/10	**11000**	12/10/10	**9000**	03/02/11	**7800**	05/12/11	**10000**

Table D-1.0-2 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)	Collection Date	Result (µg/m^3)
54-610786	116	121	Dichloroethene[1,1-]	08/20/10	**21000**	12/10/10	**16000**	03/02/11	**11000**	05/12/11	**18000**
			Dichloropropane[1,2-]	08/20/10	**34000**	12/10/10	**24000**	03/02/11	**23000**	05/12/11	**27000**
			Ethanol	08/20/10	ND	12/10/10	3400	03/02/11	ND	05/12/11	2500
			Methylene Chloride	08/20/10	**20000**	12/10/10	**15000**	03/02/11	**8300**	05/12/11	**14000**
			Tetrachloroethene	08/20/10	**27000**	12/10/10	**19000**	03/02/11	**19000**	05/12/11	**24000**
			Tetrahydrofuran	08/20/10	11000	12/10/10	7700	03/02/11	18000	05/12/11	9300
			Toluene	08/20/10	3100	12/10/10	1900	03/02/11	1300	05/12/11	1900
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/20/10	150000	12/10/10	120000	03/02/11	130000	05/12/11	180000
			Trichloroethane[1,1,1-]	08/20/10	**560000**	12/10/10	**450000**	03/02/11	**420000**	05/12/11	**500000**
			Trichloroethane[1,1,2-]	08/20/10	**870**	12/10/10	ND	03/02/11	ND	05/12/11	ND
			Trichloroethene	08/20/10	**140000**	12/10/10	**110000**	03/02/11	**92000**	05/12/11	**120000**
			Trichlorofluoromethane	08/20/10	12000	12/10/10	10000	03/02/11	6900	05/12/11	10000
			Xylene[1,2-]	08/20/10	3200	12/10/10	1200	03/02/11	970	05/12/11	1800
			Xylene[1,3-]+Xylene[1,4-]	08/20/10	3700	12/10/10	ND	03/02/11	ND	05/12/11	ND

Note: Bold indicates concentrations that exceed a screening value of 1.

[a] bgs = Below ground surface.

[b] ND = Not detected.

[c] NS = Not sampled.

Table D-1.0-3
Summary of VOCs Detected in Pore-Gas Samples at MDA L, in ppbv

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02001	37.5	42.5	Carbon Tetrachloride	08/04/10	280	11/16/10	320	02/18/11	230	04/15/11	220
			Chloroform	08/04/10	720	11/16/10	920	02/18/11	710	04/15/11	690
			Dichlorodifluoromethane	08/04/10	740	11/16/10	980	02/18/11	630	04/15/11	520
			Dichloroethane[1,1-]	08/04/10	**4500**	11/16/10	**5200**	02/18/11	**3600**	04/15/11	**3300**
			Dichloroethane[1,2-]	08/04/10	**12000**	11/16/10	**19000**	02/18/11	**16000**	04/15/11	**15000**
			Dichloroethene[1,1-]	08/04/10	**2200**	11/16/10	**2800**	02/18/11	**1800**	04/15/11	**1400**
			Dichloropropane[1,2-]	08/04/10	**320**	11/16/10	**360**	02/18/11	**280**	04/15/11	**250**
			Hexane	08/04/10	170	11/16/10	180	02/18/11	ND[b]	04/15/11	ND
			Methylene Chloride	08/04/10	**1900**	11/16/10	**2800**	02/18/11	**1800**	04/15/11	**1400**
			Tetrachloroethene	08/04/10	**16000**	11/16/10	**17000**	02/18/11	**12000**	04/15/11	**12000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	5100	11/16/10	5700	02/18/11	4100	04/15/11	4200
			Trichloroethane[1,1,1-]	08/04/10	**120000**	11/16/10	**130000**	02/18/11	**100000**	04/15/11	**100000**
			Trichloroethene	08/04/10	**65000**	11/16/10	**80000**	02/18/11	**70000**	04/15/11	**77000**
			Trichlorofluoromethane	08/04/10	830	11/16/10	1200	02/18/11	820	04/15/11	790
	77.5	82.5	Carbon Tetrachloride	08/04/10	ND	11/16/10	320	02/18/11	300	04/15/11	300
			Chloroform	08/04/10	1000	11/16/10	1000	02/18/11	1100	04/15/11	880
			Dichlorodifluoromethane	08/04/10	830	11/16/10	1100	02/18/11	930	04/15/11	710
			Dichloroethane[1,1-]	08/04/10	**5800**	11/16/10	**5700**	02/18/11	**5200**	04/15/11	**4200**
			Dichloroethane[1,2-]	08/04/10	**15000**	11/16/10	**22000**	02/18/11	**21000**	04/15/11	**18000**
			Dichloroethene[1,1-]	08/04/10	**3300**	11/16/10	**3200**	02/18/11	**3000**	04/15/11	**1900**
			Dichloropropane[1,2-]	08/04/10	**470**	11/16/10	**440**	02/18/11	**430**	04/15/11	**360**
			Hexane	08/04/10	270	11/16/10	180 (J)	02/18/11	280	04/15/11	ND
			Methylene Chloride	08/04/10	**4000**	11/16/10	**3000**	02/18/11	**3700**	04/15/11	**2800**
			Tetrachloroethene	08/04/10	**20000**	11/16/10	**19000**	02/18/11	**18000**	04/15/11	**16000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02001	77.5	82.5	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	5700	11/16/10	6300	02/18/11	5300	04/15/11	4800
			Trichloroethane[1,1,1-]	08/04/10	**160000**	11/16/10	**150000**	02/18/11	**150000**	04/15/11	**130000**
			Trichloroethene	08/04/10	**60000**	11/16/10	**82000**	02/18/11	**66000**	04/15/11	**68000**
			Trichlorofluoromethane	08/04/10	1000	11/16/10	1300	02/18/11	1200	04/15/11	1000
	117.5	122.5	Carbon Tetrachloride	08/04/10	ND	11/16/10	110	02/22/11	ND	04/15/11	ND
			Chloroform	08/04/10	690	11/16/10	490	02/22/11	880	04/15/11	840
			Dichlorodifluoromethane	08/04/10	500	11/16/10	350	02/22/11	790	04/15/11	720
			Dichloroethane[1,1-]	08/04/10	**3900**	11/16/10	**2800**	02/22/11	**4600**	04/15/11	**4200**
			Dichloroethane[1,2-]	08/04/10	**7200**	11/16/10	**5000**	02/22/11	**8800**	04/15/11	**8500**
			Dichloroethene[1,1-]	08/04/10	**3500**	11/16/10	**2700**	02/22/11	**4300**	04/15/11	**3700**
			Dichloropropane[1,2-]	08/04/10	**480**	11/16/10	**330**	02/22/11	**560**	04/15/11	**520**
			Methylene Chloride	08/04/10	**4000**	11/16/10	**2700**	02/22/11	**4000**	04/15/11	**3600**
			Tetrachloroethene	08/04/10	**8600**	11/16/10	**4700**	02/22/11	**8800**	04/15/11	**10000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	2700	11/16/10	1900	02/22/11	3200	04/15/11	3400
			Trichloroethane[1,1,1-]	08/04/10	**110000**	11/16/10	**71000**	02/22/11	**140000**	04/15/11	**140000**
			Trichloroethene	08/04/10	**27000**	11/16/10	**17000**	02/22/11	**32000**	04/15/11	**34000**
			Trichlorofluoromethane	08/04/10	580	11/16/10	400	02/22/11	730	04/15/11	700
	137.5	142.5	Carbon Tetrachloride	08/04/10	230	11/16/10	ND	02/22/11	ND	04/15/11	ND
			Chloroform	08/04/10	890	11/16/10	710	02/22/11	920	04/15/11	ND
			Dichlorodifluoromethane	08/04/10	640	11/16/10	460	02/22/11	780	04/15/11	ND
			Dichloroethane[1,1-]	08/04/10	**5100**	11/16/10	**4000**	02/22/11	**4800**	04/15/11	ND
			Dichloroethane[1,2-]	08/04/10	**9200**	11/16/10	**7300**	02/22/11	**9800**	04/15/11	15
			Dichloroethene[1,1-]	08/04/10	**4300**	11/16/10	**2900**	02/22/11	**4300**	04/15/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02001	137.5	142.5	Dichloropropane[1,2-]	08/04/10	**660**	11/16/10	**500**	02/22/11	**560**	04/15/11	ND
			Methylene Chloride	08/04/10	**5800**	11/16/10	**4500**	02/22/11	**5000**	04/15/11	ND
			Tetrachloroethene	08/04/10	**11000**	11/16/10	**12000**	02/22/11	**10000**	04/15/11	23
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	3400	11/16/10	2900	02/22/11	3500	04/15/11	ND
			Trichloroethane[1,1,1-]	08/04/10	**150000**	11/16/10	**120000**	02/22/11	**140000**	04/15/11	120
			Trichloroethene	08/04/10	**34000**	11/16/10	**32000**	02/22/11	**34000**	04/15/11	78
			Trichlorofluoromethane	08/04/10	760	11/16/10	550	02/22/11	780	04/15/11	ND
54-02002	37.5	42.5	Benzene	08/05/10	**710**	12/10/10	**740**	03/02/11	**520**	05/31/11	**520**
			Carbon Tetrachloride	08/05/10	700	12/10/10	720	03/02/11	570	05/31/11	470
			Chlorobenzene	08/05/10	270	12/10/10	ND	03/02/11	250	05/31/11	200
			Chloroform	08/05/10	**4800**	12/10/10	**5600**	03/02/11	**4300**	05/31/11	**3700**
			Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	2800
			Dichlorodifluoromethane	08/05/10	370	12/10/10	680	03/02/11	380	05/31/11	310
			Dichloroethane[1,1-]	08/05/10	**3200**	12/10/10	**3600**	03/02/11	**2600**	05/31/11	**2700**
			Dichloroethane[1,2-]	08/05/10	**4000**	12/10/10	**4600**	03/02/11	**3600**	05/31/11	**3000**
			Dichloroethene[1,1-]	08/05/10	**9500**	12/10/10	**10000**	03/02/11	**8100**	05/31/11	**6700**
			Dichloropropane[1,2-]	08/05/10	**8400**	12/10/10	**9000**	03/02/11	**6900**	05/31/11	**6900**
			Ethanol	08/05/10	2700	12/10/10	2600	03/02/11	ND	05/31/11	2100
			Hexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	190
			Methylene Chloride	08/05/10	**15000**	12/10/10	**17000**	03/02/11	**12000**	05/31/11	**11000**
			Tetrachloroethene	08/05/10	**4400**	12/10/10	**4700**	03/02/11	**3800**	05/31/11	**3200**
			Tetrahydrofuran	08/05/10	310	12/10/10	ND	03/02/11	230	05/31/11	340
			Toluene	08/05/10	1100	12/10/10	1800	03/02/11	720	05/31/11	630
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	35000	12/10/10	40000	03/02/11	34000	05/31/11	30000

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02002	37.5	42.5	Trichloroethane[1,1,1-]	08/05/10	**160000**	12/10/10	**180000**	03/02/11	**150000**	05/31/11	**110000**
			Trichloroethene	08/05/10	**41000**	12/10/10	**48000**	03/02/11	**37000**	05/31/11	**30000**
			Trichlorofluoromethane	08/05/10	3200	12/10/10	4000	03/02/11	2700	05/31/11	2100
			Xylene[1,2-]	08/05/10	430	12/10/10	ND	03/02/11	320	05/31/11	360
	97.5	102.5	Benzene	08/05/10	**410**	12/10/10	**620**	03/02/11	**360**	05/31/11	**410**
			Carbon Tetrachloride	08/05/10	560	12/10/10	780	03/02/11	510	05/31/11	450
			Chlorobenzene	08/05/10	220	12/10/10	ND	03/02/11	250	05/31/11	210
			Chloroform	08/05/10	**4400**	12/10/10	**7800**	03/02/11	**4900**	05/31/11	**5400**
			Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	3700
			Dichlorodifluoromethane	08/05/10	300	12/10/10	750	03/02/11	380	05/31/11	350
			Dichloroethane[1,1-]	08/05/10	**3800**	12/10/10	**5900**	03/02/11	**3400**	05/31/11	**3900**
			Dichloroethane[1,2-]	08/05/10	**3300**	12/10/10	**5500**	03/02/11	**3500**	05/31/11	**3200**
			Dichloroethene[1,1-]	08/05/10	**6500**	12/10/10	**9400**	03/02/11	**6100**	05/31/11	**6000**
			Dichloropropane[1,2-]	08/05/10	**10000**	12/10/10	**17000**	03/02/11	**9800**	05/31/11	**11000**
			Ethanol	08/05/10	2500	12/10/10	3400	03/02/11	ND	05/31/11	2300
			Methylene Chloride	08/05/10	**8800**	12/10/10	**14000**	03/02/11	**7700**	05/31/11	**8400**
			Tetrachloroethene	08/05/10	**4400**	12/10/10	**6900**	03/02/11	**4400**	05/31/11	**4200**
			Tetrahydrofuran	08/05/10	5600	12/10/10	7600	03/02/11	4900	05/31/11	5500
			Toluene	08/05/10	1000	12/10/10	1700	03/02/11	910	05/31/11	730
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	51000	12/10/10	94000	03/02/11	66000	05/31/11	66000
			Trichloroethane[1,1,1-]	08/05/10	**160000**	12/10/10	**260000**	03/02/11	**170000**	05/31/11	**150000**
			Trichloroethene	08/05/10	**37000**	12/10/10	**65000**	03/02/11	**40000**	05/31/11	**38000**
			Trichlorofluoromethane	08/05/10	2000	12/10/10	3300	03/02/11	1800	05/31/11	1700
			Xylene[1,2-]	08/05/10	350	12/10/10	580	03/02/11	320	05/31/11	330
			Xylene[1,3-]+Xylene[1,4-]	08/05/10	280	12/10/10	ND	03/02/11	220	05/31/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02002	117.5	122.5	Benzene	08/05/10	**560**	12/10/10	**660**	03/02/11	**460**	05/31/11	**520**
			Carbon Tetrachloride	08/05/10	670	12/10/10	720	03/02/11	540	05/31/11	520
			Chlorobenzene	08/05/10	280	12/10/10	ND	03/02/11	260	05/31/11	220
			Chloroform	08/05/10	**4900**	12/10/10	**5700**	03/02/11	**4500**	05/31/11	**4800**
			Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	3700
			Dichlorodifluoromethane	08/05/10	330	12/10/10	620	03/02/11	360	05/31/11	370
			Dichloroethane[1,1-]	08/05/10	**3700**	12/10/10	**4200**	03/02/11	**3100**	05/31/11	**3700**
			Dichloroethane[1,2-]	08/05/10	**4000**	12/10/10	**5000**	03/02/11	**3800**	05/31/11	**3700**
			Dichloroethene[1,1-]	08/05/10	**8200**	12/10/10	**8800**	03/02/11	**7200**	05/31/11	**7400**
			Dichloropropane[1,2-]	08/05/10	**10000**	12/10/10	**12000**	03/02/11	**8600**	05/31/11	**10000**
			Ethanol	08/05/10	3100	12/10/10	4000	03/02/11	ND	05/31/11	2800
			Methylene Chloride	08/05/10	**13000**	12/10/10	**15000**	03/02/11	**10000**	05/31/11	**11000**
			Tetrachloroethene	08/05/10	**4600**	12/10/10	**5500**	03/02/11	**4100**	05/31/11	**3800**
			Tetrahydrofuran	08/05/10	2200	12/10/10	2300	03/02/11	1800	05/31/11	2000
			Toluene	08/05/10	1100	12/10/10	1200	03/02/11	820	05/31/11	810
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	44000	12/10/10	52000	03/02/11	45000	05/31/11	49000
			Trichloroethane[1,1,1-]	08/05/10	**170000**	12/10/10	**200000**	03/02/11	**160000**	05/31/11	**140000**
			Trichloroethene	08/05/10	**42000**	12/10/10	**51000**	03/02/11	**39000**	05/31/11	**38000**
			Trichlorofluoromethane	08/05/10	2600	12/10/10	3200	03/02/11	2200	05/31/11	2200
			Xylene[1,2-]	08/05/10	420	12/10/10	570	03/02/11	340	05/31/11	360
			Xylene[1,3-]+Xylene[1,4-]	08/05/10	290	12/10/10	ND	03/02/11	ND	05/31/11	ND
	177.5	182.5	Benzene	08/05/10	**570**	12/10/10	**700**	03/02/11	**440**	05/31/11	**480**
			Carbon Tetrachloride	08/05/10	650	12/10/10	790	03/02/11	520	05/31/11	460
			Chlorobenzene	08/05/10	270	12/10/10	ND	03/02/11	260	05/31/11	220
			Chloroform	08/05/10	**4500**	12/10/10	**6500**	03/02/11	**4400**	05/31/11	**4300**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02002	177.5	182.5	Cyclohexane	08/05/10	ND	12/10/10	ND	03/02/11	ND	05/31/11	3400
			Dichlorodifluoromethane	08/05/10	320	12/10/10	710	03/02/11	370	05/31/11	350
			Dichloroethane[1,1-]	08/05/10	**3500**	12/10/10	**4700**	03/02/11	**3000**	05/31/11	**3300**
			Dichloroethane[1,2-]	08/05/10	**3900**	12/10/10	**5600**	03/02/11	**3800**	05/31/11	**3400**
			Dichloroethene[1,1-]	08/05/10	**8000**	12/10/10	**10000**	03/02/11	**7000**	05/31/11	**6900**
			Dichloropropane[1,2-]	08/05/10	**9900**	12/10/10	**13000**	03/02/11	**8500**	05/31/11	**9100**
			Ethanol	08/05/10	3000	12/10/10	4400	03/02/11	ND	05/31/11	ND
			Methylene Chloride	08/05/10	**12000**	12/10/10	**17000**	03/02/11	**10000**	05/31/11	**11000**
			Tetrachloroethene	08/05/10	**4400**	12/10/10	**5700**	03/02/11	**3900**	05/31/11	**3600**
			Tetrahydrofuran	08/05/10	1800	12/10/10	2100	03/02/11	1600	05/31/11	1900
			Toluene	08/05/10	880	12/10/10	1100	03/02/11	720	05/31/11	680
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	40000	12/10/10	57000	03/02/11	42000	05/31/11	44000
			Trichloroethane[1,1,1-]	08/05/10	**160000**	12/10/10	**220000**	03/02/11	**160000**	05/31/11	**130000**
			Trichloroethene	08/05/10	**40000**	12/10/10	**55000**	03/02/11	**38000**	05/31/11	**34000**
			Trichlorofluoromethane	08/05/10	2500	12/10/10	3600	03/02/11	2200	05/31/11	2100
			Xylene[1,2-]	08/05/10	370	12/10/10	520	03/02/11	300	05/31/11	330
54-02016	28.5	33.5	Carbon Tetrachloride	07/27/10	530	11/29/10	570	03/09/11	300	05/06/11	330
			Chloroform	07/27/10	**3200**	11/29/10	**4400**	03/09/11	3000	05/06/11	**3400**
			Dichlorodifluoromethane	07/27/10	960	11/29/10	960	03/09/11	1900	05/06/11	1700
			Dichloroethane[1,1-]	07/27/10	**6000**	11/29/10	**7100**	03/09/11	**3900**	05/06/11	**4200**
			Dichloroethane[1,2-]	07/27/10	**57000**	11/29/10	**67000**	03/09/11	**46000**	05/06/11	**48000**
			Dichloroethene[1,1-]	07/27/10	**9800**	11/29/10	**9200**	03/09/11	**5700**	05/06/11	**5500**
			Dichloropropane[1,2-]	07/27/10	**7800**	11/29/10	**9800**	03/09/11	**5100**	05/06/11	**5700**
			Tetrachloroethene	07/27/10	**4400**	11/29/10	**6000**	03/09/11	**3000**	05/06/11	**3600**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02016	28.5	33.5	Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	130000	11/29/10	170000	03/09/11	120000	05/06/11	130000
			Trichloroethane[1,1,1-]	07/27/10	**230000**	11/29/10	**250000**	03/09/11	**150000**	05/06/11	**140000**
			Trichloroethene	07/27/10	**55000**	11/29/10	**73000**	03/09/11	**45000**	05/06/11	**47000**
			Trichlorofluoromethane	07/27/10	1500	11/29/10	1300	03/09/11	920	05/06/11	870
	79.5	84.5	Carbon Tetrachloride	07/27/10	370	11/29/10	560	03/09/11	69	05/06/11	480
			Chloroform	07/27/10	1300	11/29/10	3000	03/09/11	470	05/06/11	**4300**
			Dichlorodifluoromethane	07/27/10	640	11/29/10	1200	03/09/11	520	05/06/11	4400
			Dichloroethane[1,1-]	07/27/10	**3200**	11/29/10	**6800**	03/09/11	790	05/06/11	**5600**
			Dichloroethane[1,2-]	07/27/10	**5600**	11/29/10	**15000**	03/09/11	**2700**	05/06/11	**90000**
			Dichloroethene[1,1-]	07/27/10	**6600**	11/29/10	**12000**	03/09/11	**1500**	05/06/11	**5700**
			Dichloropropane[1,2-]	07/27/10	**2400**	11/29/10	**4300**	03/09/11	**600**	05/06/11	**22000**
			Methylene Chloride	07/27/10	**ND**	11/29/10	**ND**	03/09/11	ND	05/06/11	**840**
			Tetrachloroethene	07/27/10	**3400**	11/29/10	**4200**	03/09/11	**730**	05/06/11	**4500**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	94000	11/29/10	250000	03/09/11	34000	05/06/11	77000
			Trichloroethane[1,1,1-]	07/27/10	**160000**	11/29/10	**260000**	03/09/11	**38000**	05/06/11	**170000**
			Trichloroethene	07/27/10	**37000**	11/29/10	**54000**	03/09/11	**9600**	05/06/11	**55000**
			Trichlorofluoromethane	07/27/10	1000	11/29/10	1500	03/09/11	240	05/06/11	1100
54-02021	10	30	Carbon Tetrachloride	07/28/10	25	11/17/10	ND	01/21/11	20	04/08/11	17
			Chloroform	07/28/10	88	11/17/10	58	01/21/11	84	04/08/11	72
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	340	04/08/11	ND
			Dichlorodifluoromethane	07/28/10	74	11/17/10	41	01/21/11	86	04/08/11	76
			Dichloroethane[1,1-]	07/28/10	520	11/17/10	340	01/21/11	510	04/08/11	430
			Dichloroethane[1,2-]	07/28/10	**290**	11/17/10	**190**	01/21/11	**300**	04/08/11	**270**
			Dichloroethene[1,1-]	07/28/10	740	11/17/10	390	01/21/11	640	04/08/11	590

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02021	10	30	Dichloropropane[1,2-]	07/28/10	59	11/17/10	40	01/21/11	56	04/08/11	46
			Tetrachloroethene	07/28/10	**600**	11/17/10	**640**	01/21/11	**640**	04/08/11	**580**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	340	11/17/10	230	01/21/11	300	04/08/11	300
			Trichloroethane[1,1,1-]	07/28/10	**19000**	11/17/10	**11000**	01/21/11	**14000**	04/08/11	**15000**
			Trichloroethene	07/28/10	**3800**	11/17/10	**2800**	01/21/11	**3300**	04/08/11	**3400**
			Trichlorofluoromethane	07/28/10	98	11/17/10	48	01/21/11	74	04/08/11	74
	90	110	Carbon Tetrachloride	07/28/10	83	11/17/10	97	01/21/11	ND	04/08/11	46
			Chloroform	07/28/10	230	11/17/10	280	01/21/11	290	04/08/11	160
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	1400	04/08/11	ND
			Dichlorodifluoromethane	07/28/10	240	11/17/10	220	01/21/11	330	04/08/11	180
			Dichloroethane[1,1-]	07/28/10	**1600**	11/17/10	**1600**	01/21/11	**1800**	04/08/11	940
			Dichloroethane[1,2-]	07/28/10	**1700**	11/17/10	**2000**	01/21/11	**2100**	04/08/11	**1200**
			Dichloroethene[1,1-]	07/28/10	**1900**	11/17/10	**2300**	01/21/11	**2300**	04/08/11	1200
			Dichloropropane[1,2-]	07/28/10	**210**	11/17/10	**230**	01/21/11	**230**	04/08/11	120
			Methylene Chloride	07/28/10	**760**	11/17/10	**750**	01/21/11	**780**	04/08/11	**400**
			Tetrachloroethene	07/28/10	**1500**	11/17/10	**1800**	01/21/11	**1800**	04/08/11	**1100**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	1000	11/17/10	1200	01/21/11	1200	04/08/11	720
			Trichloroethane[1,1,1-]	07/28/10	**51000**	11/17/10	**55000**	01/21/11	**54000**	04/08/11	**35000**
			Trichloroethene	07/28/10	**10000**	11/17/10	**11000**	01/21/11	**12000**	04/08/11	**7400**
			Trichlorofluoromethane	07/28/10	260	11/17/10	270	01/21/11	300	04/08/11	160
	110	130	Benzene	07/28/10	ND	11/17/10	ND	01/21/11	ND	04/08/11	170
			Carbon Tetrachloride	07/28/10	63	11/17/10	81	01/21/11	64	04/08/11	ND
			Chloroform	07/28/10	210	11/17/10	280	01/21/11	220	04/08/11	200
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	1000	04/08/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02021	110	130	Dichlorodifluoromethane	07/28/10	220	11/17/10	250	01/21/11	260	04/08/11	240
			Dichloroethane[1,1-]	07/28/10	1200	11/17/10	**1600**	01/21/11	1300	04/08/11	1100
			Dichloroethane[1,2-]	07/28/10	**1400**	11/17/10	**1800**	01/21/11	**1500**	04/08/11	**1400**
			Dichloroethene[1,1-]	07/28/10	**1900**	11/17/10	**2600**	01/21/11	**1800**	04/08/11	**1600**
			Dichloropropane[1,2-]	07/28/10	**170**	11/17/10	**210**	01/21/11	**170**	04/08/11	**140**
			Methylene Chloride	07/28/10	**760**	11/17/10	**900**	01/21/11	**740**	04/08/11	**630**
			Tetrachloroethene	07/28/10	**1200**	11/17/10	**1600**	01/21/11	**1300**	04/08/11	**1200**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	980	11/17/10	1300	01/21/11	920	04/08/11	910
			Trichloroethane[1,1,1-]	07/28/10	**45000**	11/17/10	**53000**	01/21/11	**41000**	04/08/11	**44000**
			Trichloroethene	07/28/10	**9200**	11/17/10	**11000**	01/21/11	**9000**	04/08/11	**9100**
			Trichlorofluoromethane	07/28/10	240	11/17/10	290	01/21/11	220	04/08/11	220
	130	150	Carbon Tetrachloride	07/28/10	95	11/17/10	97	01/21/11	95	04/08/11	ND
			Chloroform	07/28/10	240	11/17/10	240	01/21/11	300	04/08/11	200
			Cyclohexane	07/28/10	ND	11/17/10	ND	01/21/11	1500	04/08/11	ND
			Dichlorodifluoromethane	07/28/10	330	11/17/10	260	01/21/11	390	04/08/11	240
			Dichloroethane[1,1-]	07/28/10	**1500**	11/17/10	**1500**	01/21/11	**1800**	04/08/11	1100
			Dichloroethane[1,2-]	07/28/10	**1500**	11/17/10	**1600**	01/21/11	**1800**	04/08/11	**1100**
			Dichloroethene[1,1-]	07/28/10	**2400**	11/17/10	**2500**	01/21/11	**2700**	04/08/11	**1600**
			Dichloropropane[1,2-]	07/28/10	**180**	11/17/10	**190**	01/21/11	**200**	04/08/11	**130**
			Methylene Chloride	07/28/10	**1200**	11/17/10	**1000**	01/21/11	**1200**	04/08/11	**760**
			Tetrachloroethene	07/28/10	**1400**	11/17/10	**1700**	01/21/11	**1700**	04/08/11	**1200**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	1200	11/17/10	1200	01/21/11	1400	04/08/11	1000
			Trichloroethane[1,1,1-]	07/28/10	**54000**	11/17/10	**54000**	01/21/11	**58000**	04/08/11	**42000**
			Trichloroethene	07/28/10	**11000**	11/17/10	**12000**	01/21/11	**12000**	04/08/11	**9100**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02021	130	150	Trichlorofluoromethane	07/28/10	300	11/17/10	290	01/21/11	330	04/08/11	220
54-02022	37.5	42.5	Chloroform	08/02/10	270	12/06/10	380	02/11/11	190	04/12/11	180
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	1000	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	240	12/06/10	390	02/11/11	180	04/12/11	180
			Dichloroethane[1,1-]	08/02/10	**1900**	12/06/10	**2000**	02/11/11	1300	04/12/11	1200
			Dichloroethane[1,2-]	08/02/10	**2000**	12/06/10	**2300**	02/11/11	**1400**	04/12/11	**1300**
			Dichloroethene[1,1-]	08/02/10	**1600**	12/06/10	**1700**	02/11/11	1100	04/12/11	860
			Dichloroethene[cis-1,2-]	08/02/10	ND	12/06/10	ND	02/11/11	420	04/12/11	ND
			Dichloropropane[1,2-]	08/02/10	**210**	12/06/10	**290**	02/11/11	**140**	04/12/11	**130**
			Methylene Chloride	08/02/10	77 (J)	12/06/10	ND	02/11/11	48 (J)	04/12/11	ND
			Tetrachloroethene	08/02/10	**3200**	12/06/10	**4600**	02/11/11	**2400**	04/12/11	**2400**
			Toluene	08/02/10	ND	12/06/10	ND	02/11/11	70	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	1100	12/06/10	1300	02/11/11	800	04/12/11	820
			Trichloroethane[1,1,1-]	08/02/10	**62000**	12/06/10	**68000**	02/11/11	**40000**	04/12/11	**39000**
			Trichloroethene	08/02/10	**14000**	12/06/10	**17000**	02/11/11	**10000**	04/12/11	**10000**
			Trichlorofluoromethane	08/02/10	250	12/06/10	300	02/11/11	170	04/12/11	160
			Vinyl Chloride	08/02/10	ND	12/06/10	ND	02/11/11	130	04/12/11	ND
	77.5	82.5	Benzene	08/02/10	ND	12/06/10	ND	02/11/11	140	04/12/11	ND
			Chloroform	08/02/10	330	12/06/10	420	02/11/11	100	04/12/11	240
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	600	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	300	12/06/10	490	02/11/11	100	04/12/11	240
			Dichloroethane[1,1-]	08/02/10	**2200**	12/06/10	**2600**	02/11/11	670	04/12/11	**1500**
			Dichloroethane[1,2-]	08/02/10	**2800**	12/06/10	**3600**	02/11/11	**870**	04/12/11	**2000**
			Dichloroethene[1,1-]	08/02/10	**2000**	12/06/10	**2200**	02/11/11	640	04/12/11	1200
			Dichloroethene[cis-1,2-]	08/02/10	ND	12/06/10	ND	02/11/11	82	04/12/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02022	77.5	82.5	Dichloropropane[1,2-]	08/02/10	**280**	12/06/10	**430**	02/11/11	78	04/12/11	**180**
			Hexane	08/02/10	ND	12/06/10	ND	02/11/11	250	04/12/11	ND
			Methylene Chloride	08/02/10	**580**	12/06/10	**680**	02/11/11	150	04/12/11	**320**
			n-Heptane	08/02/10	ND	12/06/10	ND	02/11/11	53	04/12/11	ND
			Tetrachloroethene	08/02/10	**3200**	12/06/10	**3900**	02/11/11	**1000**	04/12/11	**2500**
			Toluene	08/02/10	ND	12/06/10	ND	02/11/11	60	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	1100	12/06/10	1600	02/11/11	360	04/12/11	920
			Trichloroethane[1,1,1-]	08/02/10	**76000**	12/06/10	**86000**	02/11/11	**22000**	04/12/11	**53000**
			Trichloroethene	08/02/10	**15000**	12/06/10	**18000**	02/11/11	**4700**	04/12/11	**12000**
			Trichlorofluoromethane	08/02/10	300	12/06/10	380	02/11/11	91	04/12/11	210
			Xylene[1,3-]+Xylene[1,4-]	08/02/10	ND	12/06/10	ND	02/11/11	24	04/12/11	ND
	117.5	122.5	Chloroform	08/02/10	380	12/06/10	400	02/11/11	180	04/12/11	290
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	990	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	350	12/06/10	500	02/11/11	190	04/12/11	300
			Dichloroethane[1,1-]	08/02/10	**2300**	12/06/10	**2300**	02/11/11	1100	04/12/11	**1600**
			Dichloroethane[1,2-]	08/02/10	**2600**	12/06/10	**2800**	02/11/11	**1300**	04/12/11	**2000**
			Dichloroethene[1,1-]	08/02/10	**2800**	12/06/10	**2600**	02/11/11	**1400**	04/12/11	**1900**
			Dichloroethene[cis-1,2-]	08/02/10	ND	12/06/10	ND	02/11/11	580	04/12/11	ND
			Dichloropropane[1,2-]	08/02/10	**300**	12/06/10	**370**	02/11/11	**140**	04/12/11	**210**
			Methylene Chloride	08/02/10	**880**	12/06/10	**830**	02/11/11	**370**	04/12/11	**540**
			Tetrachloroethene	08/02/10	**2700**	12/06/10	**2700**	02/11/11	**1300**	04/12/11	**2300**
			Toluene	08/02/10	ND	12/06/10	ND	02/11/11	85	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	1200	12/06/10	1300	02/11/11	600	04/12/11	990
			Trichloroethane[1,1,1-]	08/02/10	**85000**	12/06/10	**83000**	02/11/11	**39000**	04/12/11	**64000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02022	117.5	122.5	Trichloroethene	08/02/10	**16000**	12/06/10	**16000**	02/11/11	**7600**	04/12/11	**13000**
			Trichlorofluoromethane	08/02/10	340	12/06/10	380	02/11/11	160	04/12/11	260
			Vinyl Chloride	08/02/10	ND	12/06/10	ND	02/11/11	310	04/12/11	ND
	137.5	142.5	Chloroform	08/02/10	330	12/06/10	380	02/11/11	100	04/12/11	290
			Cyclohexane	08/02/10	ND	12/06/10	ND	02/11/11	570	04/12/11	ND
			Dichlorodifluoromethane	08/02/10	350	12/06/10	570	02/11/11	120	04/12/11	360
			Dichloroethane[1,1-]	08/02/10	**2000**	12/06/10	**2100**	02/11/11	600	04/12/11	**1600**
			Dichloroethane[1,2-]	08/02/10	**1600**	12/06/10	**2000**	02/11/11	**540**	04/12/11	**1500**
			Dichloroethene[1,1-]	08/02/10	**3300**	12/06/10	**3300**	02/11/11	900	04/12/11	**2400**
			Dichloropropane[1,2-]	08/02/10	**210**	12/06/10	**320**	02/11/11	64	04/12/11	**180**
			Methylene Chloride	08/02/10	**1500**	12/06/10	**1700**	02/11/11	**370**	04/12/11	**1200**
			Tetrachloroethene	08/02/10	**1800**	12/06/10	**2000**	02/11/11	**680**	04/12/11	**1700**
			Toluene	08/02/10	ND	12/06/10	ND	02/11/11	39	04/12/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	1200	12/06/10	1400	02/11/11	360	04/12/11	1100
			Trichloroethane[1,1,1-]	08/02/10	**79000**	12/06/10	**83000**	02/11/11	**22000**	04/12/11	**69000**
			Trichloroethene	08/02/10	**15000**	12/06/10	**16000**	02/11/11	**4500**	04/12/11	**14000**
			Trichlorofluoromethane	08/02/10	350	12/06/10	410	02/11/11	100	04/12/11	310
54-02023	30	50	Carbon Tetrachloride	08/05/10	33	12/16/10	34	03/11/11	ND	05/26/11	22
			Chloroform	08/05/10	320	12/16/10	380	03/11/11	65	05/26/11	250
			Dichlorodifluoromethane	08/05/10	48	12/16/10	80	03/11/11	11	05/26/11	39
			Dichloroethane[1,1-]	08/05/10	140	12/16/10	140	03/11/11	28	05/26/11	110
			Dichloroethane[1,2-]	08/05/10	19	12/16/10	ND	03/11/11	ND	05/26/11	15
			Dichloroethene[1,1-]	08/05/10	740	12/16/10	810	03/11/11	150	05/26/11	580
			Dichloropropane[1,2-]	08/05/10	110	12/16/10	120	03/11/11	20	05/26/11	90
			Methylene Chloride	08/05/10	14	12/16/10	ND	03/11/11	ND	05/26/11	12

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02023	30	50	Tetrachloroethene	08/05/10	260	12/16/10	270	03/11/11	42	05/26/11	200
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	1800	12/16/10	2000	03/11/11	330	05/26/11	1200
			Trichloroethane[1,1,1-]	08/05/10	**9400**	12/16/10	**10000**	03/11/11	1800	05/26/11	6900
			Trichloroethene	08/05/10	**2600**	12/16/10	**3000**	03/11/11	**490**	05/26/11	**2000**
			Trichlorofluoromethane	08/05/10	320	12/16/10	370	03/11/11	62	05/26/11	230
	90	110	Benzene	08/05/10	42	12/16/10	41	03/11/11	33	05/26/11	30
			Carbon Tetrachloride	08/05/10	70	12/16/10	66	03/11/11	52	05/26/11	44
			Chloroform	08/05/10	580	12/16/10	570	03/11/11	460	05/26/11	390
			Dichlorodifluoromethane	08/05/10	85	12/16/10	130	03/11/11	77	05/26/11	65
			Dichloroethane[1,1-]	08/05/10	240	12/16/10	220	03/11/11	200	05/26/11	170
			Dichloroethane[1,2-]	08/05/10	**62**	12/16/10	**66**	03/11/11	50	05/26/11	44
			Dichloroethene[1,1-]	08/05/10	**1400**	12/16/10	**1400**	03/11/11	1200	05/26/11	1000
			Dichloropropane[1,2-]	08/05/10	**180**	12/16/10	**170**	03/11/11	**140**	05/26/11	120
			Methylene Chloride	08/05/10	**190**	12/16/10	180	03/11/11	150	05/26/11	130
			Tetrachloroethene	08/05/10	440	12/16/10	390	03/11/11	280	05/26/11	280
			Toluene	08/05/10	30	12/16/10	ND	03/11/11	26	05/26/11	20
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	3200	12/16/10	3100	03/11/11	2500	05/26/11	1900
			Trichloroethane[1,1,1-]	08/05/10	**16000**	12/16/10	**15000**	03/11/11	**13000**	05/26/11	**10000**
			Trichloroethene	08/05/10	**4800**	12/16/10	**4800**	03/11/11	**3800**	05/26/11	**3200**
			Trichlorofluoromethane	08/05/10	580	12/16/10	600	03/11/11	450	05/26/11	380
	110	130	Trichloroethane[1,1,1-]	08/05/10	220	NS[c]	NS	NS	NS	NS	NS
			Trichloroethene	08/05/10	110	NS	NS	NS	NS	NS	NS
	130	150	Benzene	NS	NS	NS	NS	NS	NS	05/26/11	52
			Carbon Tetrachloride	NS	NS	NS	NS	NS	NS	05/26/11	73

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02023	130	150	Chloroform	NS	NS	NS	NS	NS	NS	05/26/11	450
			Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	05/26/11	88
			Dichloroethane[1,1-]	NS	NS	NS	NS	NS	NS	05/26/11	190
			Dichloroethane[1,2-]	NS	NS	NS	NS	NS	NS	05/26/11	32
			Dichloroethene[1,1-]	NS	NS	NS	NS	NS	NS	05/26/11	1300
			Dichloropropane[1,2-]	NS	NS	NS	NS	NS	NS	05/26/11	110
			Methylene Chloride	NS	NS	NS	NS	NS	NS	05/26/11	62
			Tetrachloroethene	NS	NS	NS	NS	NS	NS	05/26/11	340
			Toluene	NS	NS	NS	NS	NS	NS	05/26/11	28
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	NS	NS	NS	NS	05/26/11	2600
			Trichloroethane[1,1,1-]	NS	NS	NS	NS	NS	NS	05/26/11	**12000**
			Trichloroethene	NS	NS	NS	NS	NS	NS	05/26/11	**4000**
			Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	05/26/11	500
	149	169	Benzene	08/05/10	79	12/16/10	61	03/11/11	52	05/26/11	47
			Carbon Tetrachloride	08/05/10	130	12/16/10	100	03/11/11	81	05/26/11	70
			Chloroform	08/05/10	640	12/16/10	530	03/11/11	410	05/26/11	380
			Dichlorodifluoromethane	08/05/10	130	12/16/10	170	03/11/11	98	05/26/11	87
			Dichloroethane[1,1-]	08/05/10	240	12/16/10	200	03/11/11	160	05/26/11	150
			Dichloroethane[1,2-]	08/05/10	39	12/16/10	ND	03/11/11	28	05/26/11	24
			Dichloroethene[1,1-]	08/05/10	**2100**	12/16/10	**1700**	03/11/11	**1500**	05/26/11	1200
			Dichloropropane[1,2-]	08/05/10	**130**	12/16/10	110	03/11/11	79	05/26/11	80
			Methylene Chloride	08/05/10	**210**	12/16/10	140	03/11/11	120	05/26/11	100
			Tetrachloroethene	08/05/10	470	12/16/10	360	03/11/11	260	05/26/11	260
			Toluene	08/05/10	36	12/16/10	ND	03/11/11	33	05/26/11	13

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02023	149	169	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/05/10	4500	12/16/10	3700	03/11/11	2800	05/26/11	2300
			Trichloroethane[1,1,1-]	08/05/10	**18000**	12/16/10	**15000**	03/11/11	**12000**	05/26/11	**10000**
			Trichloroethene	08/05/10	**5900**	12/16/10	**5100**	03/11/11	**3800**	05/26/11	**3400**
			Trichlorofluoromethane	08/05/10	800	12/16/10	700	03/11/11	500	05/26/11	460
54-02024	30	50	Benzene	08/10/10	21	12/14/10	22	03/10/11	15	05/27/11	20
			Carbon Tetrachloride	08/10/10	57	12/14/10	63	03/10/11	44	05/27/11	47
			Chloroform	08/10/10	510	12/14/10	590	03/10/11	440	05/27/11	480
			Cyclohexane	08/10/10	ND	12/14/10	220	03/10/11	ND	05/27/11	ND
			Dichlorodifluoromethane	08/10/10	43	12/14/10	52	03/10/11	39	05/27/11	43
			Dichloroethane[1,1-]	08/10/10	250	12/14/10	280	03/10/11	210	05/27/11	230
			Dichloroethane[1,2-]	08/10/10	**62**	12/14/10	**82**	03/10/11	57	05/27/11	**64**
			Dichloroethene[1,1-]	08/10/10	790	12/14/10	920	03/10/11	690	05/27/11	720
			Dichloropropane[1,2-]	08/10/10	**430**	12/14/10	**490**	03/10/11	**330**	05/27/11	**390**
			Tetrachloroethene	08/10/10	450	12/14/10	480	03/10/11	310	05/27/11	400
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	2400	12/14/10	2500	03/10/11	1900	05/27/11	2000
			Trichloroethane[1,1,1-]	08/10/10	**13000**	12/14/10	**14000**	03/10/11	**12000**	05/27/11	**12000**
			Trichloroethene	08/10/10	**3700**	12/14/10	**3900**	03/10/11	**2900**	05/27/11	**3200**
			Trichlorofluoromethane	08/10/10	380	12/14/10	410	03/10/11	310	05/27/11	340
	90	110	Benzene	08/10/10	82	12/14/10	88	03/10/11	70	05/27/11	47
			Carbon Tetrachloride	08/10/10	130	12/14/10	130	03/10/11	110	05/27/11	73
			Chloroform	08/10/10	1000	12/14/10	1100	03/10/11	850	05/27/11	710
			Cyclohexane	08/10/10	580	12/14/10	430	03/10/11	ND	05/27/11	ND
			Dichlorodifluoromethane	08/10/10	86	12/14/10	110	03/10/11	98	05/27/11	68
			Dichloroethane[1,1-]	08/10/10	410	12/14/10	480	03/10/11	240	05/27/11	320

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02024	90	110	Dichloroethane[1,2-]	08/10/10	**220**	12/14/10	**260**	03/10/11	**190**	05/27/11	**140**
			Dichloroethene[1,1-]	08/10/10	**1700**	12/14/10	**2100**	03/10/11	980	05/27/11	1100
			Dichloropropane[1,2-]	08/10/10	**700**	12/14/10	**800**	03/10/11	**580**	05/27/11	**550**
			Methylene Chloride	08/10/10	**410**	12/14/10	**400**	03/10/11	**190**	05/27/11	170
			Tetrachloroethene	08/10/10	**800**	12/14/10	**850**	03/10/11	**610**	05/27/11	530
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	4700	12/14/10	5100	03/10/11	3400	05/27/11	2800
			Trichloroethane[1,1,1-]	08/10/10	**24000**	12/14/10	**27000**	03/10/11	**24000**	05/27/11	**17000**
			Trichloroethene	08/10/10	**6900**	12/14/10	**7500**	03/10/11	**6000**	05/27/11	**4700**
			Trichlorofluoromethane	08/10/10	830	12/14/10	920	03/10/11	750	05/27/11	530
	130	150	Benzene	08/10/10	140	NS	NS	NS	NS	05/27/11	120
			Carbon Tetrachloride	08/10/10	170	NS	NS	NS	NS	05/27/11	130
			Chloroform	08/10/10	1200	NS	NS	NS	NS	05/27/11	990
			Dichlorodifluoromethane	08/10/10	100	NS	NS	NS	NS	05/27/11	110
			Dichloroethane[1,1-]	08/10/10	410	NS	NS	NS	NS	05/27/11	390
			Dichloroethane[1,2-]	08/10/10	**250**	NS	NS	NS	NS	05/27/11	**220**
			Dichloroethene[1,1-]	08/10/10	**2000**	NS	NS	NS	NS	05/27/11	**2000**
			Dichloropropane[1,2-]	08/10/10	**610**	NS	NS	NS	NS	05/27/11	**560**
			Methylene Chloride	08/10/10	**1100**	NS	NS	NS	NS	05/27/11	**940**
			Tetrachloroethene	08/10/10	**850**	NS	NS	NS	NS	05/27/11	**710**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	5000	NS	NS	NS	NS	05/27/11	4100
			Trichloroethane[1,1,1-]	08/10/10	**26000**	NS	NS	NS	NS	05/27/11	**22000**
			Trichloroethene	08/10/10	**8000**	NS	NS	NS	NS	05/27/11	**6600**
			Trichlorofluoromethane	08/10/10	910	NS	NS	NS	NS	05/27/11	860

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02024	150	170	Benzene	08/10/10	160	12/14/10	160	03/10/11	120	05/27/11	130
			Carbon Tetrachloride	08/10/10	170	12/14/10	160	03/10/11	130	05/27/11	120
			Chloroform	08/10/10	1200	12/14/10	1100	03/10/11	980	05/27/11	950
			Cyclohexane	08/10/10	ND	12/14/10	400	03/10/11	ND	05/27/11	ND
			Dichlorodifluoromethane	08/10/10	120	12/14/10	140	03/10/11	130	05/27/11	120
			Dichloroethane[1,1-]	08/10/10	380	12/14/10	390	03/10/11	350	05/27/11	340
			Dichloroethane[1,2-]	08/10/10	**230**	12/14/10	**250**	03/10/11	**210**	05/27/11	**210**
			Dichloroethene[1,1-]	08/10/10	**2200**	12/14/10	**2600**	03/10/11	**2300**	05/27/11	**2000**
			Dichloropropane[1,2-]	08/10/10	**570**	12/14/10	**560**	03/10/11	**440**	05/27/11	**490**
			Methylene Chloride	08/10/10	**1500**	12/14/10	**1400**	03/10/11	**1400**	05/27/11	**1200**
			Tetrachloroethene	08/10/10	**860**	12/14/10	**750**	03/10/11	**580**	05/27/11	**660**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	5400	12/14/10	5300	03/10/11	4800	05/27/11	4800
			Trichloroethane[1,1,1-]	08/10/10	**25000**	12/14/10	**24000**	03/10/11	**23000**	05/27/11	**20000**
			Trichloroethene	08/10/10	**8000**	12/14/10	**7400**	03/10/11	**6500**	05/27/11	**6200**
			Trichlorofluoromethane	08/10/10	950	12/14/10	1000	03/10/11	910	05/27/11	840
54-02025	20	20	Carbon Tetrachloride	08/09/10	160	12/10/10	150	02/25/11	140	05/18/11	130
			Chloroform	08/09/10	1200	12/10/10	1300	02/25/11	1300	05/18/11	1300
			Dichlorodifluoromethane	08/09/10	60	12/10/10	95	02/25/11	86	05/18/11	85
			Dichloroethane[1,1-]	08/09/10	680	12/10/10	670	02/25/11	660	05/18/11	660
			Dichloroethane[1,2-]	08/09/10	**260**	12/10/10	**340**	02/25/11	**300**	05/18/11	**330**
			Dichloroethene[1,1-]	08/09/10	1100	12/10/10	1100	02/25/11	1300	05/18/11	**1400**
			Dichloropropane[1,2-]	08/09/10	**2200**	12/10/10	**2200**	02/25/11	**2000**	05/18/11	**2100**
			Methylene Chloride	08/09/10	ND	12/10/10	ND	02/25/11	ND	05/18/11	55
			Tetrachloroethene	08/09/10	**1500**	12/10/10	**1400**	02/25/11	**1400**	05/18/11	**1400**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02025	20	20	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/09/10	8300	12/10/10	9700	02/25/11	11000	05/18/11	10000
			Trichloroethane[1,1,1-]	08/09/10	**35000**	12/10/10	**34000**	02/25/11	**35000**	05/18/11	**32000**
			Trichloroethane[1,1,2-]	08/09/10	**53**	12/10/10	**ND**	02/25/11	**ND**	05/18/11	**ND**
			Trichloroethene	08/09/10	**7700**	12/10/10	**7900**	02/25/11	**7300**	05/18/11	**7700**
			Trichlorofluoromethane	08/09/10	540	12/10/10	630	02/25/11	610	05/18/11	620
	100	100	Benzene	08/09/10	240	12/10/10	190	02/25/11	200	05/18/11	**360**
			Carbon Tetrachloride	08/09/10	290	12/10/10	250	02/25/11	290	05/18/11	300
			Chlorobenzene	08/09/10	96	12/10/10	ND	02/25/11	110	05/18/11	88
			Chloroform	08/09/10	2300	12/10/10	2200	02/25/11	2400	05/18/11	2400
			Dichlorodifluoromethane	08/09/10	130	12/10/10	210	02/25/11	180	05/18/11	210
			Dichloroethane[1,1-]	08/09/10	1000	12/10/10	940	02/25/11	1100	05/18/11	950
			Dichloroethane[1,2-]	08/09/10	**1300**	12/10/10	**1200**	02/25/11	**1400**	05/18/11	**1200**
			Dichloroethene[1,1-]	08/09/10	**3200**	12/10/10	**2800**	02/25/11	**3400**	05/18/11	**4400**
			Dichloropropane[1,2-]	08/09/10	**3500**	12/10/10	**3000**	02/25/11	**3500**	05/18/11	**2700**
			Ethanol	08/09/10	ND	12/10/10	870	02/25/11	ND	05/18/11	ND
			Hexane	08/09/10	ND	12/10/10	ND	02/25/11	ND	05/18/11	80
			Methylene Chloride	08/09/10	**1800**	12/10/10	**1600**	02/25/11	**1800**	05/18/11	**5000**
			Tetrachloroethene	08/09/10	**2100**	12/10/10	**1900**	02/25/11	**2300**	05/18/11	**1800**
			Tetrahydrofuran	08/09/10	320	12/10/10	240	02/25/11	310	05/18/11	ND
			Toluene	08/09/10	ND	12/10/10	ND	02/25/11	ND	05/18/11	460
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/09/10	10000	12/10/10	9800	02/25/11	11000	05/18/11	11000
			Trichloroethane[1,1,1-]	08/09/10	**59000**	12/10/10	**55000**	02/25/11	**63000**	05/18/11	**51000**
			Trichloroethene	08/09/10	**15000**	12/10/10	**13000**	02/25/11	**15000**	05/18/11	**15000**
			Trichlorofluoromethane	08/09/10	1300	12/10/10	1500	02/25/11	1600	05/18/11	1800

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02025	100	100	Xylene[1,2-]	08/09/10	120	12/10/10	ND	02/25/11	ND	05/18/11	170
	160	160	Benzene	08/09/10	**410**	12/10/10	330	02/25/11	330	05/18/11	350
			Carbon Tetrachloride	08/09/10	380	12/10/10	320	02/25/11	310	05/18/11	300
			Chlorobenzene	08/09/10	110	12/10/10	ND	02/25/11	100	05/18/11	92
			Chloroform	08/09/10	2700	12/10/10	2500	02/25/11	2400	05/18/11	2400
			Dichlorodifluoromethane	08/09/10	170	12/10/10	280	02/25/11	230	05/18/11	220
			Dichloroethane[1,1-]	08/09/10	1000	12/10/10	910	02/25/11	910	05/18/11	950
			Dichloroethane[1,2-]	08/09/10	**1300**	12/10/10	**1200**	02/25/11	**1300**	05/18/11	**1200**
			Dichloroethene[1,1-]	08/09/10	**4700**	12/10/10	**4200**	02/25/11	**4700**	05/18/11	**4400**
			Dichloropropane[1,2-]	08/09/10	**3100**	12/10/10	**2700**	02/25/11	**2600**	05/18/11	**2700**
			Ethanol	08/09/10	440	12/10/10	ND	02/25/11	ND	05/18/11	ND
			Hexane	08/09/10	79	12/10/10	ND	02/25/11	ND	05/18/11	84
			Methylene Chloride	08/09/10	**5500**	12/10/10	**4800**	02/25/11	**5300**	05/18/11	**5200**
			Tetrachloroethene	08/09/10	**2200**	12/10/10	**2000**	02/25/11	**2000**	05/18/11	**1900**
			Toluene	08/09/10	570	12/10/10	440	02/25/11	ND	05/18/11	470
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/09/10	12000	12/10/10	11000	02/25/11	11000	05/18/11	12000
			Trichloroethane[1,1,1-]	08/09/10	**61000**	12/10/10	**57000**	02/25/11	**56000**	05/18/11	**52000**
			Trichloroethene	08/09/10	**18000**	12/10/10	**16000**	02/25/11	**16000**	05/18/11	**15000**
			Trichlorofluoromethane	08/09/10	2000	12/10/10	2000	02/25/11	1800	05/18/11	1800
			Xylene[1,2-]	08/09/10	180	12/10/10	160	02/25/11	ND	05/18/11	180
			Xylene[1,3-]+Xylene[1,4-]	08/09/10	75	12/10/10	ND	02/25/11	ND	05/18/11	ND
54-02026	20	20	Chloroform	08/10/10	51	12/14/10	48	03/04/11	42	05/19/11	42
			Cyclohexane	08/10/10	ND	12/14/10	17	03/04/11	ND	05/19/11	ND
			Dichloroethane[1,1-]	08/10/10	12	12/14/10	12	03/04/11	ND	05/19/11	11
			Dichloroethene[1,1-]	08/10/10	76	12/14/10	85	03/04/11	63	05/19/11	74

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02026	20	20	Dichloropropane[1,2-]	08/10/10	8.7 (J)	12/14/10	ND	03/04/11	ND	05/19/11	ND
			Tetrachloroethene	08/10/10	37	12/14/10	35	03/04/11	28	05/19/11	39
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	260	12/14/10	240	03/04/11	220	05/19/11	190
			Trichloroethane[1,1,1-]	08/10/10	1100	12/14/10	1100	03/04/11	980	05/19/11	920
			Trichloroethene	08/10/10	310	12/14/10	300	03/04/11	260	05/19/11	250
			Trichlorofluoromethane	08/10/10	46	12/14/10	44	03/04/11	40	05/19/11	39
	100	100	Carbon Tetrachloride	08/10/10	17	12/14/10	16	03/04/11	12	05/19/11	13
			Chloroform	08/10/10	110	12/14/10	110	03/04/11	84	05/19/11	98
			Cyclohexane	08/10/10	ND	12/14/10	39	03/04/11	ND	05/19/11	ND
			Dichlorodifluoromethane	08/10/10	21	12/14/10	23	03/04/11	20	05/19/11	20
			Dichloroethane[1,1-]	08/10/10	26	12/14/10	29	03/04/11	18	05/19/11	25
			Dichloroethene[1,1-]	08/10/10	230	12/14/10	260	03/04/11	170	05/19/11	220
			Dichloropropane[1,2-]	08/10/10	17	12/14/10	18	03/04/11	12	05/19/11	16
			Ethanol	08/10/10	ND	12/14/10	ND	03/04/11	33	05/19/11	ND
			Methylene Chloride	08/10/10	10	12/14/10	10	03/04/11	ND	05/19/11	11
			Tetrachloroethene	08/10/10	79	12/14/10	74	03/04/11	56	05/19/11	69
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	660	12/14/10	630	03/04/11	490	05/19/11	520
			Trichloroethane[1,1,1-]	08/10/10	2400	12/14/10	2400	03/04/11	2000	05/19/11	2100
			Trichloroethene	08/10/10	**700**	12/14/10	**700**	03/04/11	**560**	05/19/11	**630**
			Trichlorofluoromethane	08/10/10	110	12/14/10	120	03/04/11	89	05/19/11	99
	160	160	Carbon Tetrachloride	08/10/10	27	12/14/10	28	03/04/11	18	05/23/11	22
			Chloroform	08/10/10	120	12/14/10	120	03/04/11	83	05/23/11	110
			Cyclohexane	08/10/10	ND	12/14/10	48	03/04/11	ND	05/23/11	ND
			Dichlorodifluoromethane	08/10/10	35	12/14/10	36	03/04/11	29	05/23/11	34

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02026	160	160	Dichloroethane[1,1-]	08/10/10	28	12/14/10	31	03/04/11	18	05/23/11	26
			Dichloroethene[1,1-]	08/10/10	350	12/14/10	400	03/04/11	230	05/23/11	330
			Dichloropropane[1,2-]	08/10/10	12	12/14/10	12	03/04/11	ND	05/23/11	10
			Methylene Chloride	08/10/10	60	12/14/10	56	03/04/11	37	05/23/11	51
			Tetrachloroethene	08/10/10	97	12/14/10	96	03/04/11	62	05/23/11	88
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/10/10	940	12/14/10	940	03/04/11	630	05/23/11	730
			Trichloroethane[1,1,1-]	08/10/10	2900	12/14/10	2900	03/04/11	2100	05/23/11	2600
			Trichloroethene	08/10/10	**890**	12/14/10	**890**	03/04/11	**610**	05/23/11	**780**
			Trichlorofluoromethane	08/10/10	150	12/14/10	160	03/04/11	110	05/23/11	140
54-02027	20	20	Carbon Tetrachloride	08/11/10	10	12/09/10	ND	02/23/11	ND	05/24/11	ND
			Chloroform	08/11/10	220	12/09/10	190	02/23/11	170	05/24/11	170
			Dichlorodifluoromethane	08/11/10	18	12/09/10	18	02/23/11	19	05/24/11	17
			Dichloroethane[1,1-]	08/11/10	60	12/09/10	54	02/23/11	47	05/24/11	48
			Dichloroethene[1,1-]	08/11/10	280	12/09/10	260	02/23/11	240	05/24/11	230
			Dichloropropane[1,2-]	08/11/10	97	12/09/10	90	02/23/11	75	05/24/11	78
			Tetrachloroethene	08/11/10	160	12/09/10	130	02/23/11	110	05/24/11	120
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/11/10	860	12/09/10	660	02/23/11	680	05/24/11	560
			Trichloroethane[1,1,1-]	08/11/10	4500	12/09/10	3700	02/23/11	3500	05/24/11	3300
			Trichloroethene	08/11/10	**1200**	12/09/10	**930**	02/23/11	**890**	05/24/11	**870**
			Trichlorofluoromethane	08/11/10	160	12/09/10	130	02/23/11	120	05/24/11	110
	100	100	Benzene	08/11/10	36	12/09/10	32	02/23/11	30	05/25/11	ND
			Carbon Tetrachloride	08/11/10	52	12/09/10	41	02/23/11	44	05/25/11	12
			Chloroform	08/11/10	600	12/09/10	530	02/23/11	560	05/25/11	90
			Dichlorodifluoromethane	08/11/10	57	12/09/10	59	02/23/11	69	05/25/11	19

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02027	100	100	Dichloroethane[1,1-]	08/11/10	160	12/09/10	150	02/23/11	150	05/25/11	24
			Dichloroethane[1,2-]	08/11/10	56	12/09/10	52	02/23/11	54	05/25/11	ND
			Dichloroethene[1,1-]	08/11/10	930	12/09/10	930	02/23/11	930	05/25/11	200
			Dichloropropane[1,2-]	08/11/10	**270**	12/09/10	**260**	02/23/11	**250**	05/25/11	14
			Methylene Chloride	08/11/10	180	12/09/10	150	02/23/11	160	05/25/11	ND
			Tetrachloroethene	08/11/10	420	12/09/10	340	02/23/11	370	05/25/11	73
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/11/10	2700	12/09/10	2300	02/23/11	2500	05/25/11	450
			Trichloroethane[1,1,1-]	08/11/10	**12000**	12/09/10	**11000**	02/23/11	**11000**	05/25/11	2000
			Trichloroethene	08/11/10	**3400**	12/09/10	**2800**	02/23/11	**3000**	05/25/11	**570**
			Trichlorofluoromethane	08/11/10	480	12/09/10	420	02/23/11	450	05/25/11	90
	200	200	Benzene	08/11/10	88	12/09/10	63	02/23/11	31	05/25/11	ND
			Carbon Tetrachloride	08/11/10	96	12/09/10	62	02/23/11	46	05/25/11	15
			Chloroform	08/11/10	490	12/09/10	340	02/23/11	590	05/25/11	79
			Dichlorodifluoromethane	08/11/10	120	12/09/10	79	02/23/11	76	05/25/11	24
			Dichloroethane[1,1-]	08/11/10	120	12/09/10	87	02/23/11	160	05/25/11	19
			Dichloroethane[1,2-]	08/11/10	28	12/09/10	20	02/23/11	59	05/25/11	ND
			Dichloroethene[1,1-]	08/11/10	**1500**	12/09/10	1200	02/23/11	980	05/25/11	240
			Dichloropropane[1,2-]	08/11/10	100	12/09/10	67	02/23/11	**260**	05/25/11	ND
			Methylene Chloride	08/11/10	**870**	12/09/10	**510**	02/23/11	180	05/25/11	40
			Tetrachloroethene	08/11/10	390	12/09/10	240	02/23/11	380	05/25/11	60
			Toluene	08/11/10	210	12/09/10	120	02/23/11	17	05/25/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/11/10	3400	12/09/10	2200	02/23/11	2600	05/25/11	480
			Trichloroethane[1,1,1-]	08/11/10	**10000**	12/09/10	7100	02/23/11	**12000**	05/25/11	1700
			Trichloroethene	08/11/10	**3200**	12/09/10	**2100**	02/23/11	**3200**	05/25/11	**530**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02027	200	200	Trichlorofluoromethane	08/11/10	530	12/09/10	400	02/23/11	460	05/25/11	93
54-02028	20	20	Chloroform	08/12/10	65	12/15/10	59	03/18/11	40	05/25/11	47
			Cyclohexane	08/12/10	ND	12/15/10	25	03/18/11	29	05/25/11	ND
			Dichlorodifluoromethane	08/12/10	9	12/15/10	ND	03/18/11	ND	05/25/11	ND
			Dichloroethane[1,1-]	08/12/10	23	12/15/10	22	03/18/11	14	05/25/11	17
			Dichloroethene[1,1-]	08/12/10	110	12/15/10	120	03/18/11	60	05/25/11	84
			Dichloropropane[1,2-]	08/12/10	26	12/15/10	22	03/18/11	13	05/25/11	17
			Tetrachloroethene	08/12/10	64	12/15/10	52	03/18/11	28	05/25/11	44
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	350	12/15/10	300	03/18/11	190	05/25/11	210
			Trichloroethane[1,1,1-]	08/12/10	1700	12/15/10	1600	03/18/11	980	05/25/11	1200
			Trichloroethene	08/12/10	**530**	12/15/10	**460**	03/18/11	290	05/25/11	340
			Trichlorofluoromethane	08/12/10	57	12/15/10	54	03/18/11	32	05/25/11	38
	100	100	Carbon Tetrachloride	08/12/10	15	12/15/10	15	03/18/11	ND	05/25/11	11
			Chloroform	08/12/10	100	12/15/10	100	03/18/11	50	05/25/11	94
			Cyclohexane	08/12/10	ND	12/15/10	40	03/18/11	38	05/25/11	ND
			Dichlorodifluoromethane	08/12/10	19	12/15/10	19	03/18/11	11	05/25/11	18
			Dichloroethane[1,1-]	08/12/10	35	12/15/10	34	03/18/11	16	05/25/11	31
			Dichloroethene[1,1-]	08/12/10	230	12/15/10	250	03/18/11	110	05/25/11	220
			Dichloropropane[1,2-]	08/12/10	26	12/15/10	26	03/18/11	10	05/25/11	23
			Methylene Chloride	08/12/10	29	12/15/10	24	03/18/11	14	05/25/11	22
			Tetrachloroethene	08/12/10	82	12/15/10	70	03/18/11	33	05/25/11	67
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	660	12/15/10	590	03/18/11	300	05/25/11	460
			Trichloroethane[1,1,1-]	08/12/10	2600	12/15/10	2500	03/18/11	1200	05/25/11	2200
			Trichloroethene	08/12/10	**850**	12/15/10	**760**	03/18/11	**380**	05/25/11	**690**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02028	100	100	Trichlorofluoromethane	08/12/10	110	12/15/10	110	03/18/11	53	05/25/11	95
	160	160	Carbon Tetrachloride	08/12/10	23	12/15/10	22	03/18/11	16	05/25/11	13
			Chloroform	08/12/10	110	12/15/10	100	03/18/11	81	05/25/11	83
			Cyclohexane	08/12/10	ND	12/15/10	44	03/18/11	65	05/25/11	ND
			Dichlorodifluoromethane	08/12/10	31	12/15/10	30	03/18/11	28	05/25/11	26
			Dichloroethane[1,1-]	08/12/10	33	12/15/10	32	03/18/11	24	05/25/11	25
			Dichloroethene[1,1-]	08/12/10	350	12/15/10	340	03/18/11	270	05/25/11	270
			Dichloropropane[1,2-]	08/12/10	14	12/15/10	13	03/18/11	9.2	05/25/11	9.6
			Methylene Chloride	08/12/10	79	12/15/10	62	03/18/11	57	05/25/11	55
			Tetrachloroethene	08/12/10	84	12/15/10	75	03/18/11	54	05/25/11	60
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	900	12/15/10	780	03/18/11	650	05/25/11	520
			Trichloroethane[1,1,1-]	08/12/10	2900	12/15/10	2600	03/18/11	2100	05/25/11	2000
			Trichloroethene	08/12/10	**970**	12/15/10	**840**	03/18/11	**700**	05/25/11	**670**
			Trichlorofluoromethane	08/12/10	150	12/15/10	140	03/18/11	110	05/25/11	100
54-02031	20	20	Carbon Tetrachloride	07/28/10	30	11/18/10	29	01/20/11	16	04/14/11	19
			Chloroform	07/28/10	140	11/18/10	140	01/20/11	86	04/14/11	100
			Dichlorodifluoromethane	07/28/10	62	11/18/10	46	01/20/11	42	04/14/11	50
			Dichloroethane[1,1-]	07/28/10	300	11/18/10	260	01/20/11	180	04/14/11	200
			Dichloroethane[1,2-]	07/28/10	58	11/18/10	**ND**	01/20/11	41	04/14/11	50
			Dichloroethene[1,1-]	07/28/10	760	11/18/10	640	01/20/11	440	04/14/11	500
			Dichloropropane[1,2-]	07/28/10	26	11/18/10	ND	01/20/11	17	04/14/11	20
			Tetrachloroethene	07/28/10	530	11/18/10	480	01/20/11	300	04/14/11	400
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	650	11/18/10	540	01/20/11	350	04/14/11	480
			Trichloroethane[1,1,1-]	07/28/10	**12000**	11/18/10	**9900**	01/20/11	6000	04/14/11	**8600**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02031	20	20	Trichloroethene	07/28/10	**2900**	11/18/10	**2500**	01/20/11	**1500**	04/14/11	**2200**
			Trichlorofluoromethane	07/28/10	100	11/18/10	85	01/20/11	63	04/14/11	80
	100	100	Carbon Tetrachloride	07/28/10	72	11/18/10	75	01/20/11	63	04/14/11	92
			Chloroform	07/28/10	230	11/18/10	240	01/20/11	230	04/14/11	310
			Dichlorodifluoromethane	07/28/10	100	11/18/10	100	01/20/11	130	04/14/11	180
			Dichloroethane[1,1-]	07/28/10	510	11/18/10	560	01/20/11	530	04/14/11	680
			Dichloroethane[1,2-]	07/28/10	**280**	11/18/10	**ND**	01/20/11	**270**	04/14/11	**370**
			Dichloroethene[1,1-]	07/28/10	**1400**	11/18/10	**1600**	01/20/11	**1400**	04/14/11	**1800**
			Dichloropropane[1,2-]	07/28/10	67	11/18/10	ND	01/20/11	64	04/14/11	83
			Methylene Chloride	07/28/10	**200**	11/18/10	**200**	01/20/11	180	04/14/11	**250**
			Tetrachloroethene	07/28/10	**820**	11/18/10	**930**	01/20/11	**900**	04/14/11	**1300**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	1400	11/18/10	1500	01/20/11	1300	04/14/11	2100
			Trichloroethane[1,1,1-]	07/28/10	**22000**	11/18/10	**22000**	01/20/11	**19000**	04/14/11	**31000**
			Trichloroethene	07/28/10	**5100**	11/18/10	**5100**	01/20/11	**5000**	04/14/11	**7900**
			Trichlorofluoromethane	07/28/10	230	11/18/10	230	01/20/11	210	04/14/11	310
	160	160	Carbon Tetrachloride	07/28/10	100	11/18/10	88	01/20/11	42	04/14/11	110
			Chloroform	07/28/10	270	11/18/10	230	01/20/11	130	04/14/11	290
			Dichlorodifluoromethane	07/28/10	210	11/18/10	140	01/20/11	100	04/14/11	220
			Dichloroethane[1,1-]	07/28/10	580	11/18/10	540	01/20/11	290	04/14/11	600
			Dichloroethane[1,2-]	07/28/10	**240**	11/18/10	**ND**	01/20/11	**110**	04/14/11	**250**
			Dichloroethene[1,1-]	07/28/10	**2000**	11/18/10	**1800**	01/20/11	1000	04/14/11	**2200**
			Dichloropropane[1,2-]	07/28/10	66	11/18/10	ND	01/20/11	26	04/14/11	58
			Methylene Chloride	07/28/10	**430**	11/18/10	**330**	01/20/11	**190**	04/14/11	**410**
			Tetrachloroethene	07/28/10	**1200**	11/18/10	**990**	01/20/11	490	04/14/11	**1300**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02031	160	160	Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	2200	11/18/10	1900	01/20/11	910	04/14/11	2600
			Trichloroethane[1,1,1-]	07/28/10	**26000**	11/18/10	**23000**	01/20/11	**11000**	04/14/11	**31000**
			Trichloroethene	07/28/10	**7400**	11/18/10	**6000**	01/20/11	**3000**	04/14/11	**8400**
			Trichlorofluoromethane	07/28/10	360	11/18/10	280	01/20/11	160	04/14/11	390
	260	260	Benzene	07/28/10	20	11/18/10	27	01/20/11	13	04/14/11	ND
			Carbon Tetrachloride	07/28/10	96	11/18/10	100	01/20/11	54	04/14/11	84
			Chloroform	07/28/10	150	11/18/10	200	01/20/11	100	04/14/11	130
			Dichlorodifluoromethane	07/28/10	160	11/18/10	200	01/20/11	140	04/14/11	190
			Dichloroethane[1,1-]	07/28/10	300	11/18/10	390	01/20/11	190	04/14/11	240
			Dichloroethane[1,2-]	07/28/10	**66**	11/18/10	**ND**	01/20/11	33	04/14/11	40
			Dichloroethene[1,1-]	07/28/10	**2000**	11/18/10	**2400**	01/20/11	1300	04/14/11	**1900**
			Dichloropropane[1,2-]	07/28/10	22	11/18/10	ND	01/20/11	ND	04/14/11	ND
			Methylene Chloride	07/28/10	**280**	11/18/10	**330**	01/20/11	170	04/14/11	**200**
			Tetrachloroethene	07/28/10	**840**	11/18/10	**1000**	01/20/11	460	04/14/11	**730**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/28/10	2000	11/18/10	2600	01/20/11	1200	04/14/11	2200
			Trichloroethane[1,1,1-]	07/28/10	**15000**	11/18/10	**20000**	01/20/11	**9200**	04/14/11	**16000**
			Trichloroethene	07/28/10	**4900**	11/18/10	**6000**	01/20/11	**2800**	04/14/11	**4700**
			Trichlorofluoromethane	07/28/10	360	11/18/10	370	01/20/11	200	04/14/11	320
54-02034	20	20	Acetone	08/02/10	ND	11/23/10	ND	01/25/11	ND	04/06/11	68
			Carbon Disulfide	08/02/10	17	11/23/10	ND	01/25/11	ND	04/06/11	ND
			Chloroform	08/02/10	26	11/23/10	25	01/25/11	28	04/06/11	27
			Cyclohexane	08/02/10	ND	11/23/10	ND	01/25/11	120	04/06/11	ND
			Dichlorodifluoromethane	08/02/10	31	11/23/10	21	01/25/11	30	04/06/11	34
			Dichloroethane[1,1-]	08/02/10	93	11/23/10	77	01/25/11	85	04/06/11	83

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02034	20	20	Dichloroethene[1,1-]	08/02/10	220	11/23/10	190	01/25/11	180	04/06/11	190
			Tetrachloroethene	08/02/10	98	11/23/10	86	01/25/11	89	04/06/11	87
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	82	11/23/10	67	01/25/11	70	04/06/11	76
			Trichloroethane[1,1,1-]	08/02/10	6600	11/23/10	5100	01/25/11	5300	04/06/11	6200
			Trichloroethene	08/02/10	**990**	11/23/10	**830**	01/25/11	**820**	04/06/11	**890**
			Trichlorofluoromethane	08/02/10	30	11/23/10	23	01/25/11	25	04/06/11	28
	60	60	Chloroform	08/02/10	42	11/23/10	30	01/25/11	35	04/06/11	36
			Cyclohexane	08/02/10	ND	11/23/10	ND	01/25/11	190	04/06/11	ND
			Dichlorodifluoromethane	08/02/10	44	11/23/10	38	01/25/11	46	04/06/11	48
			Dichloroethane[1,1-]	08/02/10	160	11/23/10	140	01/25/11	150	04/06/11	150
			Dichloroethane[1,2-]	08/02/10	51	11/23/10	46	01/25/11	48	04/06/11	49
			Dichloroethene[1,1-]	08/02/10	330	11/23/10	320	01/25/11	310	04/06/11	300
			Dichloropropane[1,2-]	08/02/10	ND	11/23/10	11	01/25/11	10	04/06/11	ND
			Methylene Chloride	08/02/10	19	11/23/10	19	01/25/11	17	04/06/11	18
			Tetrachloroethene	08/02/10	130	11/23/10	100	01/25/11	120	04/06/11	110
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	110	11/23/10	97	01/25/11	100	04/06/11	100
			Trichloroethane[1,1,1-]	08/02/10	**9200**	11/23/10	7300	01/25/11	7700	04/06/11	**9000**
			Trichloroethene	08/02/10	**1600**	11/23/10	**1300**	01/25/11	**1300**	04/06/11	**1500**
			Trichlorofluoromethane	08/02/10	43	11/23/10	35	01/25/11	38	04/06/11	39
	160	160	Acetone	08/02/10	40	11/23/10	ND	01/25/11	ND	04/06/11	ND
			Carbon Tetrachloride	08/02/10	13	11/23/10	12	01/25/11	ND	04/06/11	9.4
			Chloroform	08/02/10	25	11/23/10	22	01/25/11	ND	04/06/11	23
			Cyclohexane	08/02/10	ND	11/23/10	ND	01/25/11	69	04/06/11	ND
			Dichlorodifluoromethane	08/02/10	81	11/23/10	67	01/25/11	35	04/06/11	85

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02034	160	160	Dichloroethane[1,1-]	08/02/10	130	11/23/10	110	01/25/11	44	04/06/11	120
			Dichloroethane[1,2-]	08/02/10	15	11/23/10	14	01/25/11	ND	04/06/11	14
			Dichloroethene[1,1-]	08/02/10	620	11/23/10	560	01/25/11	240	04/06/11	580
			Methylene Chloride	08/02/10	56	11/23/10	49	01/25/11	18	04/06/11	49
			Tetrachloroethene	08/02/10	100	11/23/10	80	01/25/11	27	04/06/11	82
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	190	11/23/10	160	01/25/11	57	04/06/11	170
			Trichloroethane[1,1,1-]	08/02/10	**8300**	11/23/10	7100	01/25/11	2500	04/06/11	**8300**
			Trichloroethene	08/02/10	**1600**	11/23/10	**1300**	01/25/11	**470**	04/06/11	**1500**
			Trichlorofluoromethane	08/02/10	87	11/23/10	69	01/25/11	28	04/06/11	74
	260	260	Cyclohexane	08/02/10	33	11/23/10	ND	01/25/11	33	04/07/11	ND
			Dichlorodifluoromethane	08/02/10	41	11/23/10	40	01/25/11	45	04/07/11	50
			Dichloroethene[1,1-]	08/02/10	210	11/23/10	200	01/25/11	220	04/07/11	220
			Tetrachloroethene	08/02/10	11	11/23/10	10	01/25/11	10	04/07/11	9
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	91	11/23/10	81	01/25/11	83	04/07/11	86
			Trichloroethane[1,1,1-]	08/02/10	960	11/23/10	930	01/25/11	910	04/07/11	950
			Trichloroethene	08/02/10	91	11/23/10	93	01/25/11	92	04/07/11	93
			Trichlorofluoromethane	08/02/10	61	11/23/10	52	01/25/11	55	04/07/11	55
	300	300	Dichlorodifluoromethane	08/02/10	9.9	NS	NS	01/25/11	ND	04/07/11	ND
			Dichloroethene[1,1-]	08/02/10	38	NS	NS	01/25/11	29	04/07/11	23
			Toluene	08/02/10	ND	NS	NS	01/25/11	8.7	04/07/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/02/10	22	NS	NS	01/25/11	14	04/07/11	12
			Trichloroethane[1,1,1-]	08/02/10	93	NS	NS	01/25/11	67	04/07/11	56
			Trichlorofluoromethane	08/02/10	18	NS	NS	01/25/11	12	04/07/11	11

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02089	31	31	Carbon Tetrachloride	07/29/10	**1300**	11/19/10	**920**	01/27/11	**920**	05/04/11	580
			Chloroform	07/29/10	**7300**	11/19/10	**4900**	01/27/11	**5600**	05/04/11	**3600**
			Cyclohexane	07/29/10	ND	11/19/10	ND	01/27/11	ND	05/04/11	5600
			Dichlorodifluoromethane	07/29/10	4300	11/19/10	1200	01/27/11	26000	05/04/11	7200
			Dichloroethane[1,1-]	07/29/10	**16000**	11/19/10	**10000**	01/27/11	**12000**	05/04/11	**7800**
			Dichloroethane[1,2-]	07/29/10	**140000**	11/19/10	**95000**	01/27/11	**110000**	05/04/11	**72000**
			Dichloroethene[1,1-]	07/29/10	**11000**	11/19/10	**7500**	01/27/11	**7600**	05/04/11	**4800**
			Dichloropropane[1,2-]	07/29/10	**40000**	11/19/10	**24000**	01/27/11	**25000**	05/04/11	**18000**
			Hexane	07/29/10	ND	11/19/10	370	01/27/11	ND	05/04/11	ND
			Tetrachloroethene	07/29/10	**7600**	11/19/10	**5100**	01/27/11	**6400**	05/04/11	**3900**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	100000	11/19/10	71000	01/27/11	73000	05/04/11	44000
			Trichloroethane[1,1,1-]	07/29/10	**390000**	11/19/10	**260000**	01/27/11	**300000**	05/04/11	**180000**
			Trichloroethane[1,1,2-]	07/29/10	**ND**	11/19/10	**ND**	01/27/11	**ND**	05/04/11	**240**
			Trichloroethene	07/29/10	**140000**	11/19/10	**89000**	01/27/11	**100000**	05/04/11	**66000**
			Trichlorofluoromethane	07/29/10	2900	11/19/10	2000	01/27/11	2400	05/04/11	1300
	46	46	Carbon Tetrachloride	07/29/10	**1900**	11/19/10	**1600**	01/27/11	**1000**	05/04/11	**1100**
			Chloroform	07/29/10	**9300**	11/19/10	**9600**	01/27/11	**6600**	05/04/11	**6800**
			Cyclohexane	07/29/10	ND	11/19/10	ND	01/27/11	ND	05/04/11	11000
			Dichlorodifluoromethane	07/29/10	3800	11/19/10	1600	01/27/11	20000	05/04/11	8400
			Dichloroethane[1,1-]	07/29/10	**18000**	11/19/10	**16000**	01/27/11	**12000**	05/04/11	**13000**
			Dichloroethane[1,2-]	07/29/10	**86000**	11/19/10	**93000**	01/27/11	**65000**	05/04/11	**68000**
			Dichloroethene[1,1-]	07/29/10	**12000**	11/19/10	**12000**	01/27/11	**8100**	05/04/11	**8700**
			Dichloropropane[1,2-]	07/29/10	**60000**	11/19/10	**59000**	01/27/11	**36000**	05/04/11	**41000**
			Hexane	07/29/10	ND	11/19/10	660	01/27/11	ND	05/04/11	ND
			Tetrachloroethene	07/29/10	**10000**	11/19/10	**9600**	01/27/11	**5800**	05/04/11	**7300**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02089	46	46	Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	130000	11/19/10	120000	01/27/11	83000	05/04/11	100000
			Trichloroethane[1,1,1-]	07/29/10	**560000**	11/19/10	**520000**	01/27/11	**380000**	05/04/11	**420000**
			Trichloroethene	07/29/10	**160000**	11/19/10	**150000**	01/27/11	**99000**	05/04/11	**120000**
			Trichlorofluoromethane	07/29/10	3200	11/19/10	2800	01/27/11	2200	05/04/11	2300
54-24238	63	65	Benzene	07/27/10	**600**	12/03/10	**ND**	02/16/11	**560**	05/06/11	**520**
			Carbon Tetrachloride	07/27/10	**1200**	12/03/10	**970**	02/16/11	**890**	05/06/11	810
			Chloroform	07/27/10	**11000**	12/03/10	**9100**	02/16/11	**8700**	05/06/11	**8200**
			Cyclohexane	07/27/10	ND	12/03/10	ND	02/16/11	9400	05/06/11	ND
			Dichlorodifluoromethane	07/27/10	2800	12/03/10	2600	02/16/11	4600	05/06/11	4700
			Dichloroethane[1,1-]	07/27/10	**13000**	12/03/10	**10000**	02/16/11	**10000**	05/06/11	**9300**
			Dichloroethane[1,2-]	07/27/10	**82000**	12/03/10	**81000**	02/16/11	**55000**	05/06/11	**60000**
			Dichloroethene[1,1-]	07/27/10	**18000**	12/03/10	**12000**	02/16/11	**14000**	05/06/11	**12000**
			Dichloropropane[1,2-]	07/27/10	**72000**	12/03/10	**55000**	02/16/11	**51000**	05/06/11	**46000**
			Hexane	07/27/10	640	12/03/10	ND	02/16/11	ND	05/06/11	ND
			Methylene Chloride	07/27/10	**68000**	12/03/10	**43000**	02/16/11	**25000**	05/06/11	**23000**
			Tetrachloroethene	07/27/10	**13000**	12/03/10	**8900**	02/16/11	**9300**	05/06/11	**9400**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	160000	12/03/10	120000	02/16/11	110000	05/06/11	120000
			Trichloroethane[1,1,1-]	07/27/10	**430000**	12/03/10	**350000**	02/16/11	**340000**	05/06/11	**320000**
			Trichloroethene	07/27/10	**140000**	12/03/10	**110000**	02/16/11	**100000**	05/06/11	**96000**
			Trichlorofluoromethane	07/27/10	3700	12/03/10	2800	02/16/11	2600	05/06/11	2400
54-24239	24	26	Carbon Tetrachloride	07/29/10	550	12/03/10	520	01/27/11	400	04/29/11	420
			Chloroform	07/29/10	2900	12/03/10	2700	01/27/11	2300	04/29/11	2500
			Dichlorodifluoromethane	07/29/10	230	12/03/10	220	01/27/11	210	04/29/11	230
			Dichloroethane[1,1-]	07/29/10	**3700**	12/03/10	**3500**	01/27/11	**3000**	04/29/11	**3300**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24239	24	26	Dichloroethane[1,2-]	07/29/10	**1300**	12/03/10	**1600**	01/27/11	**1100**	04/29/11	**1200**
			Dichloroethene[1,1-]	07/29/10	**5600**	12/03/10	**5800**	01/27/11	**4400**	04/29/11	**5000**
			Dichloropropane[1,2-]	07/29/10	**1700**	12/03/10	**1800**	01/27/11	**1300**	04/29/11	**1500**
			Tetrachloroethene	07/29/10	**51000**	12/03/10	**43000**	01/27/11	**36000**	04/29/11	**44000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	7300	12/03/10	7900	01/27/11	6100	04/29/11	7300
			Trichloroethane[1,1,1-]	07/29/10	**96000**	12/03/10	**91000**	01/27/11	**72000**	04/29/11	**84000**
			Trichloroethene	07/29/10	**33000**	12/03/10	**31000**	01/27/11	**25000**	04/29/11	**30000**
			Trichlorofluoromethane	07/29/10	740	12/03/10	720 (J)	01/27/11	580	04/29/11	630
	74	76	Benzene	07/29/10	210	12/03/10	ND	01/27/11	150	04/29/11	ND
			Carbon Tetrachloride	07/29/10	670	12/03/10	530	01/27/11	500	04/29/11	420
			Chloroform	07/29/10	**3600**	12/03/10	3000	01/27/11	2900	04/29/11	2500
			Dichlorodifluoromethane	07/29/10	330	12/03/10	410	01/27/11	300	04/29/11	280
			Dichloroethane[1,1-]	07/29/10	**4600**	12/03/10	**3500**	01/27/11	**3600**	04/29/11	**3100**
			Dichloroethane[1,2-]	07/29/10	**2300**	12/03/10	**2100**	01/27/11	**2100**	04/29/11	**1700**
			Dichloroethene[1,1-]	07/29/10	**7800**	12/03/10	**5900**	01/27/11	**6200**	04/29/11	**5700**
			Dichloropropane[1,2-]	07/29/10	**2200**	12/03/10	**1700**	01/27/11	**1700**	04/29/11	**1400**
			Tetrachloroethene	07/29/10	**50000**	12/03/10	**35000**	01/27/11	**38000**	04/29/11	**35000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	10000	12/03/10	8400	01/27/11	8000	04/29/11	8400
			Trichloroethane[1,1,1-]	07/29/10	**130000**	12/03/10	**100000**	01/27/11	**98000**	04/29/11	**93000**
			Trichloroethene	07/29/10	**43000**	12/03/10	**34000**	01/27/11	**31000**	04/29/11	**31000**
			Trichlorofluoromethane	07/29/10	1100	12/03/10	920	01/27/11	830	04/29/11	780
54-24240	27	29	Carbon Tetrachloride	08/03/10	620	11/30/10	510	02/10/11	540	04/27/11	310
			Chloroform	08/03/10	2500	11/30/10	2400	02/10/11	2900	04/27/11	1800
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	4800	04/27/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24240	27	29	Dichlorodifluoromethane	08/03/10	2400	11/30/10	1200	02/10/11	1200	04/27/11	400
			Dichloroethane[1,1-]	08/03/10	**11000**	11/30/10	**9600**	02/10/11	**10000**	04/27/11	**5900**
			Dichloroethane[1,2-]	08/03/10	**96000**	11/30/10	**110000**	02/10/11	**110000**	04/27/11	**59000**
			Dichloroethene[1,1-]	08/03/10	**3200**	11/30/10	**2400**	02/10/11	**2800**	04/27/11	1300
			Dichloropropane[1,2-]	08/03/10	**400**	11/30/10	**420**	02/10/11	**380**	04/27/11	**240**
			Methylene Chloride	08/03/10	**450**	11/30/10	**800**	02/10/11	**ND**	04/27/11	ND
			Tetrachloroethene	08/03/10	**37000**	11/30/10	**29000**	02/10/11	**33000**	04/27/11	**23000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	15000	11/30/10	11000	02/10/11	13000	04/27/11	5700
			Trichloroethane[1,1,1-]	08/03/10	**220000**	11/30/10	**170000**	02/10/11	**190000**	04/27/11	**110000**
			Trichloroethane[1,1,2-]	08/03/10	**ND**	11/30/10	**ND**	02/10/11	**350**	04/27/11	**ND**
			Trichloroethene	08/03/10	**200000**	11/30/10	**200000**	02/10/11	**200000**	04/27/11	**150000**
			Trichlorofluoromethane	08/03/10	2800	11/30/10	2200	02/10/11	2600	04/27/11	1000
	52	54	Benzene	08/03/10	**760**	11/30/10	**540**	02/10/11	**540**	04/27/11	270
			Carbon Tetrachloride	08/03/10	**1400**	11/30/10	**880**	02/10/11	**1100**	04/27/11	560
			Chlorobenzene	08/03/10	ND	11/30/10	290	02/10/11	ND	04/27/11	200
			Chloroform	08/03/10	**7600**	11/30/10	**5500**	02/10/11	**6300**	04/27/11	**3300**
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	7800	04/27/11	ND
			Dichlorodifluoromethane	08/03/10	8400	11/30/10	2600	02/10/11	2300	04/27/11	900
			Dichloroethane[1,1-]	08/03/10	**16000**	11/30/10	**12000**	02/10/11	**13000**	04/27/11	**6500**
			Dichloroethane[1,2-]	08/03/10	**170000**	11/30/10	**140000**	02/10/11	**130000**	04/27/11	**67000**
			Dichloroethene[1,1-]	08/03/10	**5600**	11/30/10	**3300**	02/10/11	**4000**	04/27/11	**1800**
			Dichloropropane[1,2-]	08/03/10	**800**	11/30/10	**610**	02/10/11	**620**	04/27/11	**310**
			Hexane	08/03/10	720	11/30/10	430	02/10/11	620	04/27/11	250
			Methylene Chloride	08/03/10	**4900**	11/30/10	**2600**	02/10/11	**2400**	04/27/11	**1100**
			Tetrachloroethene	08/03/10	**42000**	11/30/10	**29000**	02/10/11	**34000**	04/27/11	**18000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24240	52	54	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	26000	11/30/10	16000	02/10/11	19000	04/27/11	9600
			Trichloroethane[1,1,1-]	08/03/10	**390000**	11/30/10	**260000**	02/10/11	**290000**	04/27/11	**150000**
			Trichloroethene	08/03/10	**240000**	11/30/10	**180000**	02/10/11	**180000**	04/27/11	**110000**
			Trichlorofluoromethane	08/03/10	8200	11/30/10	4600	02/10/11	5100	04/27/11	2200
	127	129	Benzene	08/03/10	220	11/30/10	150	02/10/11	ND	04/27/11	ND
			Carbon Tetrachloride	08/03/10	450	11/30/10	300	02/10/11	220	04/27/11	160
			Chloroform	08/03/10	2000	11/30/10	1500	02/10/11	1300	04/27/11	920
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	2900	04/27/11	ND
			Dichlorodifluoromethane	08/03/10	990	11/30/10	620	02/10/11	680	04/27/11	490
			Dichloroethane[1,1-]	08/03/10	**6900**	11/30/10	**4300**	02/10/11	**4100**	04/27/11	**3100**
			Dichloroethane[1,2-]	08/03/10	**13000**	11/30/10	**10000**	02/10/11	**9000**	04/27/11	**5500**
			Dichloroethene[1,1-]	08/03/10	**6100**	11/30/10	**3400**	02/10/11	**3900**	04/27/11	**3400**
			Dichloropropane[1,2-]	08/03/10	**790**	11/30/10	**450**	02/10/11	**440**	04/27/11	**350**
			Methylene Chloride	08/03/10	**2300**	11/30/10	**1100**	02/10/11	**910**	04/27/11	**410**
			Tetrachloroethene	08/03/10	**16000**	11/30/10	**10000**	02/10/11	**9500**	04/27/11	**7200**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	7300	11/30/10	5500	02/10/11	4400	04/27/11	3800
			Trichloroethane[1,1,1-]	08/03/10	**190000**	11/30/10	**110000**	02/10/11	**110000**	04/27/11	**90000**
			Trichloroethene	08/03/10	**52000**	11/30/10	**36000**	02/10/11	**32000**	04/27/11	**28000**
			Trichlorofluoromethane	08/03/10	1300	11/30/10	1000	02/10/11	770	04/27/11	600
	152	154	Benzene	08/03/10	ND	11/30/10	130	02/10/11	ND	04/27/11	ND
			Carbon Tetrachloride	08/03/10	410	11/30/10	240	02/10/11	280	04/27/11	130
			Chloroform	08/03/10	1600	11/30/10	1100	02/10/11	1500	04/27/11	740
			Cyclohexane	08/03/10	ND	11/30/10	ND	02/10/11	3800	04/27/11	ND
			Dichlorodifluoromethane	08/03/10	920	11/30/10	580	02/10/11	850	04/27/11	420

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24240	152	154	Dichloroethane[1,1-]	08/03/10	**6000**	11/30/10	**3600**	02/10/11	**5100**	04/27/11	**2600**
			Dichloroethane[1,2-]	08/03/10	**8600**	11/30/10	**6100**	02/10/11	**10000**	04/27/11	**4600**
			Dichloroethene[1,1-]	08/03/10	**7600**	11/30/10	**3500**	02/10/11	**5800**	04/27/11	**3500**
			Dichloropropane[1,2-]	08/03/10	**710**	11/30/10	**400**	02/10/11	**540**	04/27/11	**270**
			Methylene Chloride	08/03/10	**740**	11/30/10	**450**	02/10/11	**620**	04/27/11	**220**
			Tetrachloroethene	08/03/10	**12000**	11/30/10	**7900**	02/10/11	**11000**	04/27/11	**5800**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	6200	11/30/10	4600	02/10/11	5600	04/27/11	3000
			Trichloroethane[1,1,1-]	08/03/10	**180000**	11/30/10	**100000**	02/10/11	**140000**	04/27/11	**77000**
			Trichloroethene	08/03/10	**44000**	11/30/10	**29000**	02/10/11	**42000**	04/27/11	**25000**
			Trichlorofluoromethane	08/03/10	1200	11/30/10	820	02/10/11	1000	04/27/11	490
54-24241	71	74	Benzene	08/03/10	**390**	11/30/10	**420**	01/26/11	300	05/03/11	230
			Carbon Tetrachloride	08/03/10	**2000**	11/30/10	**2000**	01/26/11	**1200**	05/03/11	**1000**
			Chloroform	08/03/10	**6600**	11/30/10	**7900**	01/26/11	**5900**	05/03/11	**4800**
			Dichlorodifluoromethane	08/03/10	300	11/30/10	370	01/26/11	300	05/03/11	260
			Dichloroethane[1,1-]	08/03/10	**10000**	11/30/10	**11000**	01/26/11	**8600**	05/03/11	**7100**
			Dichloroethane[1,2-]	08/03/10	**6800**	11/30/10	**7600**	01/26/11	**5900**	05/03/11	**4700**
			Dichloroethene[1,1-]	08/03/10	**7200**	11/30/10	**8800**	01/26/11	**5800**	05/03/11	**4800**
			Dichloroethene[trans-1,2-]	08/03/10	420	11/30/10	450	01/26/11	380	05/03/11	340
			Dichloropropane[1,2-]	08/03/10	**6500**	11/30/10	**8300**	01/26/11	**5900**	05/03/11	**5200**
			Dioxane[1,4-]	08/03/10	**1900**	11/30/10	**1600**	01/26/11	**1600**	05/03/11	**1700**
			Methyl tert-Butyl Ether	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	190
			Methylene Chloride	08/03/10	**450**	11/30/10	**420**	01/26/11	**290**	05/03/11	**270**
			Tetrachloroethene	08/03/10	**20000**	11/30/10	**24000**	01/26/11	**18000**	05/03/11	**17000**
			Toluene	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	240

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24241	71	74	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	25000	11/30/10	28000	01/26/11	19000	05/03/11	18000
			Trichloroethane[1,1,1-]	08/03/10	**220000**	11/30/10	**240000**	01/26/11	**170000**	05/03/11	**150000**
			Trichloroethene	08/03/10	**61000**	11/30/10	**69000**	01/26/11	**49000**	05/03/11	**45000**
			Trichlorofluoromethane	08/03/10	1500	11/30/10	1600	01/26/11	1200	05/03/11	930
	112	114	Benzene	08/03/10	240	11/30/10	200	01/26/11	120	05/03/11	ND
			Carbon Tetrachloride	08/03/10	**1400**	11/30/10	**940**	01/26/11	590	05/03/11	410
			Chloroform	08/03/10	**5100**	11/30/10	**4700**	01/26/11	**3500**	05/03/11	2200
			Dichlorodifluoromethane	08/03/10	350	11/30/10	310	01/26/11	220	05/03/11	150
			Dichloroethane[1,1-]	08/03/10	**6900**	11/30/10	**5800**	01/26/11	**4400**	05/03/11	**2900**
			Dichloroethane[1,2-]	08/03/10	**4500**	11/30/10	**4200**	01/26/11	**3400**	05/03/11	**2000**
			Dichloroethene[1,1-]	08/03/10	**9000**	11/30/10	**7400**	01/26/11	**5200**	05/03/11	**3400**
			Dichloroethene[trans-1,2-]	08/03/10	230	11/30/10	ND	01/26/11	130	05/03/11	100
			Dichloropropane[1,2-]	08/03/10	**5400**	11/30/10	**4900**	01/26/11	**3800**	05/03/11	**2700**
			Tetrachloroethene	08/03/10	**20000**	11/30/10	**16000**	01/26/11	**12000**	05/03/11	**9800**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	22000	11/30/10	18000	01/26/11	11000	05/03/11	9000
			Trichloroethane[1,1,1-]	08/03/10	**190000**	11/30/10	**150000**	01/26/11	**99000**	05/03/11	**75000**
			Trichloroethene	08/03/10	**55000**	11/30/10	**46000**	01/26/11	**32000**	05/03/11	**25000**
			Trichlorofluoromethane	08/03/10	1800	11/30/10	1400	01/26/11	920	05/03/11	600
	132	134	Benzene	08/03/10	230	11/30/10	240	01/26/11	79	05/03/11	78
			Carbon Tetrachloride	08/03/10	**1000**	11/30/10	**880**	01/26/11	270	05/03/11	250
			Chloroform	08/03/10	**4000**	11/30/10	**4000**	01/26/11	1500	05/03/11	1200
			Dichlorodifluoromethane	08/03/10	360	11/30/10	270	01/26/11	120	05/03/11	130
			Dichloroethane[1,1-]	08/03/10	**4600**	11/30/10	**4200**	01/26/11	**1600**	05/03/11	**1500**
			Dichloroethane[1,2-]	08/03/10	**3100**	11/30/10	**3200**	01/26/11	**1200**	05/03/11	**840**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24241	132	134	Dichloroethene[1,1-]	08/03/10	**8800**	11/30/10	**8700**	01/26/11	**3000**	05/03/11	**3100**
			Dichloropropane[1,2-]	08/03/10	**3400**	11/30/10	**3400**	01/26/11	**1300**	05/03/11	**1200**
			Methyl tert-Butyl Ether	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	280
			Methylene Chloride	08/03/10	**310**	11/30/10	ND	01/26/11	50	05/03/11	ND
			Tetrachloroethene	08/03/10	**15000**	11/30/10	**14000**	01/26/11	**5400**	05/03/11	**4200**
			Toluene	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	220
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/03/10	18000	11/30/10	16000	01/26/11	5400	05/03/11	6500
			Trichloroethane[1,1,1-]	08/03/10	**140000**	11/30/10	**130000**	01/26/11	**46000**	05/03/11	**46000**
			Trichloroethene	08/03/10	**42000**	11/30/10	**40000**	01/26/11	**15000**	05/03/11	**13000**
			Trichlorofluoromethane	08/03/10	1900	11/30/10	1600	01/26/11	570	05/03/11	560
			Xylene[1,2-]	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	52
			Xylene[1,3-]+Xylene[1,4-]	08/03/10	ND	11/30/10	ND	01/26/11	ND	05/03/11	140
54-24242	24	26	Butanol[1-]	08/04/10	**ND**	12/02/10	ND	02/07/11	ND	05/10/11	**570**
			Carbon Tetrachloride	08/04/10	350	12/02/10	330	02/07/11	230	05/10/11	220
			Chloroform	08/04/10	1800	12/02/10	2100	02/07/11	1600	05/10/11	1600
			Cyclohexane	08/04/10	ND	12/02/10	ND	02/07/11	1000	05/10/11	ND
			Dichlorodifluoromethane	08/04/10	ND	12/02/10	120	02/07/11	99	05/10/11	95
			Dichloroethane[1,1-]	08/04/10	**2300**	12/02/10	**2500**	02/07/11	**2000**	05/10/11	**1900**
			Dichloroethane[1,2-]	08/04/10	**640**	12/02/10	**720**	02/07/11	**570**	05/10/11	**660**
			Dichloroethene[1,1-]	08/04/10	**3100**	12/02/10	**3200**	02/07/11	**2200**	05/10/11	**2400**
			Dichloropropane[1,2-]	08/04/10	**1200**	12/02/10	**1400**	02/07/11	**1000**	05/10/11	**960**
			Tetrachloroethene	08/04/10	**120000**	12/02/10	**81000**	02/07/11	**52000**	05/10/11	**60000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	4400	12/02/10	4800	02/07/11	3500	05/10/11	4500
			Trichloroethane[1,1,1-]	08/04/10	**61000**	12/02/10	**60000**	02/07/11	**42000**	05/10/11	**44000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24242	24	26	Trichloroethene	08/04/10	**28000**	12/02/10	**28000**	02/07/11	**20000**	05/10/11	**21000**
			Trichlorofluoromethane	08/04/10	440	12/02/10	430	02/07/11	310	05/10/11	340
	49	51	Benzene	08/04/10	350	12/02/10	320	02/07/11	220	05/10/11	270
			Carbon Tetrachloride	08/04/10	830	12/02/10	870	02/07/11	510	05/10/11	480
			Chloroform	08/04/10	**4400**	12/02/10	**4600**	02/07/11	**3200**	05/10/11	**3500**
			Cyclohexane	08/04/10	ND	12/02/10	ND	02/07/11	2700	05/10/11	ND
			Dichlorodifluoromethane	08/04/10	340	12/02/10	320	02/07/11	260	05/10/11	280
			Dichloroethane[1,1-]	08/04/10	**5000**	12/02/10	**5000**	02/07/11	**3600**	05/10/11	**3800**
			Dichloroethane[1,2-]	08/04/10	**3400**	12/02/10	**3800**	02/07/11	**2500**	05/10/11	**3000**
			Dichloroethene[1,1-]	08/04/10	**8600**	12/02/10	**8600**	02/07/11	**6400**	05/10/11	**6900**
			Dichloropropane[1,2-]	08/04/10	**2900**	12/02/10	**3200**	02/07/11	**2000**	05/10/11	**2200**
			Methylene Chloride	08/04/10	**240**	12/02/10	**ND**	02/07/11	ND	05/10/11	**ND**
			Tetrachloroethene	08/04/10	**53000**	12/02/10	**57000**	02/07/11	**43000**	05/10/11	**44000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/04/10	14000	12/02/10	14000	02/07/11	9800	05/10/11	13000
			Trichloroethane[1,1,1-]	08/04/10	**150000**	12/02/10	**150000**	02/07/11	**110000**	05/10/11	**110000**
			Trichloroethene	08/04/10	**49000**	12/02/10	**51000**	02/07/11	**35000**	05/10/11	**38000**
			Trichlorofluoromethane	08/04/10	1400	12/02/10	1300	02/07/11	950	05/10/11	1000
54-24243	23	26	Carbon Tetrachloride	NS	NS	12/10/10	700	NS	NS	NS	NS
			Chloroform	NS	NS	12/10/10	**5700**	NS	NS	NS	NS
			Dichloroethane[1,1-]	NS	NS	12/10/10	**5000**	NS	NS	NS	NS
			Dichloroethane[1,2-]	NS	NS	12/10/10	**5600**	NS	NS	NS	NS
			Dichloroethene[1,1-]	NS	NS	12/10/10	**9800**	NS	NS	NS	NS
			Dichloropropane[1,2-]	NS	NS	12/10/10	**16000**	NS	NS	NS	NS
			Methylene Chloride	NS	NS	12/10/10	**7200**	NS	NS	NS	NS
			Tetrachloroethene	NS	NS	12/10/10	**4700**	NS	NS	NS	NS

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24243	23	26	Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	12/10/10	43000	NS	NS	NS	NS
			Trichloroethane[1,1,1-]	NS	NS	12/10/10	**190000**	NS	NS	NS	NS
			Trichloroethene	NS	NS	12/10/10	**58000**	NS	NS	NS	NS
			Trichlorofluoromethane	NS	NS	12/10/10	2600	NS	NS	NS	NS
	24	26	Benzene	08/12/10	ND	NS	NS	03/01/11	170	05/11/11	**390**
			Carbon Tetrachloride	08/12/10	500	NS	NS	03/01/11	280	05/11/11	540
			Chloroform	08/12/10	**4000**	NS	NS	03/01/11	2200	05/11/11	**4800**
			Dichlorodifluoromethane	08/12/10	360	NS	NS	03/01/11	230	05/11/11	380
			Dichloroethane[1,1-]	08/12/10	**4600**	NS	NS	03/01/11	**2200**	05/11/11	**4300**
			Dichloroethane[1,2-]	08/12/10	**5200**	NS	NS	03/01/11	**2100**	05/11/11	**5000**
			Dichloroethene[1,1-]	08/12/10	**4000**	NS	NS	03/01/11	**5000**	05/11/11	**8400**
			Dichloropropane[1,2-]	08/12/10	**9700**	NS	NS	03/01/11	**6400**	05/11/11	**14000**
			Ethanol	08/12/10	ND	NS	NS	03/01/11	530	05/11/11	ND
			Ethylbenzene	08/12/10	ND	NS	NS	03/01/11	260	05/11/11	ND
			Ethyltoluene[4-]	08/12/10	ND	NS	NS	03/01/11	1400	05/11/11	ND
			Methylene Chloride	08/12/10	ND	NS	NS	03/01/11	**3000**	05/11/11	**4900**
			Tetrachloroethene	08/12/10	**3100**	NS	NS	03/01/11	**1600**	05/11/11	**4600**
			Toluene	08/12/10	ND	NS	NS	03/01/11	120	05/11/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	55000	NS	NS	03/01/11	18000	05/11/11	42000
			Trichloroethane[1,1,1-]	08/12/10	**140000**	NS	NS	03/01/11	**79000**	05/11/11	**160000**
			Trichloroethene	08/12/10	**45000**	NS	NS	03/01/11	**21000**	05/11/11	**46000**
			Trichlorofluoromethane	08/12/10	850	NS	NS	03/01/11	1000	05/11/11	1900
			Trimethylbenzene[1,2,4-]	08/12/10	ND	NS	NS	03/01/11	**2100**	05/11/11	ND
			Trimethylbenzene[1,3,5-]	08/12/10	ND	NS	NS	03/01/11	570	05/11/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24243	24	26	Xylene[1,2-]	08/12/10	ND	NS	NS	03/01/11	730	05/11/11	ND
			Xylene[1,3-]+Xylene[1,4-]	08/12/10	ND	NS	NS	03/01/11	1300	05/11/11	ND
	74	76	Carbon Tetrachloride	08/12/10	**910**	12/10/10	870	03/01/11	520	05/11/11	210
			Chloroform	08/12/10	**7100**	12/10/10	**8900**	03/01/11	**5100**	05/11/11	2200
			Dichlorodifluoromethane	08/12/10	620	12/10/10	1100	03/01/11	680	05/11/11	370
			Dichloroethane[1,1-]	08/12/10	**7200**	12/10/10	**8800**	03/01/11	**5300**	05/11/11	**2300**
			Dichloroethane[1,2-]	08/12/10	**3400**	12/10/10	**4800**	03/01/11	**3400**	05/11/11	**1500**
			Dichloroethene[1,1-]	08/12/10	**9100**	12/10/10	**10000**	03/01/11	**6800**	05/11/11	**2800**
			Dichloropropane[1,2-]	08/12/10	**25000**	12/10/10	**28000**	03/01/11	**16000**	05/11/11	**6800**
			Methylene Chloride	08/12/10	**560**	12/10/10	**ND**	03/01/11	**ND**	05/11/11	ND
			Tetrachloroethene	08/12/10	**5500**	12/10/10	**6000**	03/01/11	**3400**	05/11/11	**1700**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	89000	12/10/10	110000	03/01/11	65000	05/11/11	32000
			Trichloroethane[1,1,1-]	08/12/10	**280000**	12/10/10	**330000**	03/01/11	**190000**	05/11/11	**81000**
			Trichloroethene	08/12/10	**79000**	12/10/10	**93000**	03/01/11	**52000**	05/11/11	**23000**
			Trichlorofluoromethane	08/12/10	1900	12/10/10	2700	03/01/11	1400	05/11/11	600
	124	126	Benzene	08/12/10	**480**	12/10/10	**ND**	03/01/11	ND	05/11/11	ND
			Carbon Tetrachloride	08/12/10	770	12/10/10	750	03/01/11	360	05/11/11	360
			Chloroform	08/12/10	**5500**	12/10/10	**6700**	03/01/11	**3900**	05/11/11	**4000**
			Dichlorodifluoromethane	08/12/10	350	12/10/10	810	03/01/11	560	05/11/11	760
			Dichloroethane[1,1-]	08/12/10	**4800**	12/10/10	**7200**	03/01/11	**4400**	05/11/11	**4200**
			Dichloroethane[1,2-]	08/12/10	**5300**	12/10/10	**9300**	03/01/11	**6400**	05/11/11	**6300**
			Dichloroethene[1,1-]	08/12/10	**10000**	12/10/10	**5400**	03/01/11	**3700**	05/11/11	**3600**
			Dichloropropane[1,2-]	08/12/10	**18000**	12/10/10	**14000**	03/01/11	**8400**	05/11/11	**8000**
			Methylene Chloride	08/12/10	**7200**	12/10/10	**ND**	03/01/11	ND	05/11/11	**ND**
			Tetrachloroethene	08/12/10	**5300**	12/10/10	**4400**	03/01/11	**2800**	05/11/11	**3100**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24243	124	126	Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/12/10	42000	12/10/10	78000	03/01/11	44000	05/11/11	53000
			Trichloroethane[1,1,1-]	08/12/10	**200000**	12/10/10	**210000**	03/01/11	**120000**	05/11/11	**120000**
			Trichloroethene	08/12/10	**59000**	12/10/10	**66000**	03/01/11	**38000**	05/11/11	**39000**
			Trichlorofluoromethane	08/12/10	2400	12/10/10	1500	03/01/11	830	05/11/11	810
54-24399	550	608	Ethanol	08/17/10	ND	NS	NS	03/24/11	36	NS	NS
			Tetrachloroethene	08/17/10	66	NS	NS	03/24/11	9.6	NS	NS
			Toluene	08/17/10	ND	NS	NS	03/24/11	18	NS	NS
			Trichloroethane[1,1,1-]	08/17/10	39	NS	NS	03/24/11	25	NS	NS
			Trichloroethene	08/17/10	50	NS	NS	03/24/11	15	NS	NS
54-27641	29.5	34.5	Carbon Tetrachloride	07/29/10	650	12/20/10	ND	02/09/11	390	04/19/11	440
			Chloroform	07/29/10	1600	12/20/10	1300	02/09/11	1300	04/19/11	1200
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	3900
			Dichlorodifluoromethane	07/29/10	1600	12/20/10	2000	02/09/11	1000	04/19/11	760
			Dichloroethane[1,1-]	07/29/10	**9200**	12/20/10	**6600**	02/09/11	**6400**	04/19/11	**5600**
			Dichloroethane[1,2-]	07/29/10	**36000**	12/20/10	**32000**	02/09/11	**33000**	04/19/11	**29000**
			Dichloroethene[1,1-]	07/29/10	**4300**	12/20/10	**2500**	02/09/11	**2800**	04/19/11	**2300**
			Dichloropropane[1,2-]	07/29/10	**580**	12/20/10	**ND**	02/09/11	**420**	04/19/11	**340**
			Methylene Chloride	07/29/10	**750**	12/20/10	**520**	02/09/11	**370**	04/19/11	**340**
			Tetrachloroethene	07/29/10	**32000**	12/20/10	**20000**	02/09/11	**20000**	04/19/11	**18000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	11000	12/20/10	8200	02/09/11	7400	04/19/11	7300
			Trichloroethane[1,1,1-]	07/29/10	**260000**	12/20/10	**180000**	02/09/11	**170000**	04/19/11	**160000**
			Trichloroethene	07/29/10	**180000**	12/20/10	**180000**	02/09/11	**160000**	04/19/11	**160000**
			Trichlorofluoromethane	07/29/10	1800	12/20/10	1900	02/09/11	1500	04/19/11	1300

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27641	79.5	84.5	Carbon Tetrachloride	07/29/10	520	12/20/10	ND	02/09/11	190	04/19/11	270
			Chloroform	07/29/10	1700	12/20/10	ND	02/09/11	930	04/19/11	1100
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	3200
			Dichlorodifluoromethane	07/29/10	1200	12/20/10	1400	02/09/11	680	04/19/11	680
			Dichloroethane[1,1-]	07/29/10	**8400**	12/20/10	**4700**	02/09/11	**3800**	04/19/11	**4500**
			Dichloroethane[1,2-]	07/29/10	**26000**	12/20/10	**18000**	02/09/11	**16000**	04/19/11	**18000**
			Dichloroethene[1,1-]	07/29/10	**5600**	12/20/10	**2700**	02/09/11	**2300**	04/19/11	**2600**
			Dichloropropane[1,2-]	07/29/10	**720**	12/20/10	**440**	02/09/11	**350**	04/19/11	**440**
			Hexane	07/29/10	570	12/20/10	ND	02/09/11	240	04/19/11	210
			Methylene Chloride	07/29/10	**7800**	12/20/10	**3700**	02/09/11	**2800**	04/19/11	**3000**
			Tetrachloroethene	07/29/10	**30000**	12/20/10	**15000**	02/09/11	**13000**	04/19/11	**16000**
			Tetrahydrofuran	07/29/10	ND	12/20/10	ND	02/09/11	190	04/19/11	200
			Toluene	07/29/10	290	12/20/10	ND	02/09/11	ND	04/19/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	9000	12/20/10	4800	02/09/11	3400	04/19/11	4600
			Trichloroethane[1,1,1-]	07/29/10	**220000**	12/20/10	**130000**	02/09/11	**99000**	04/19/11	**120000**
			Trichloroethene	07/29/10	**70000**	12/20/10	**43000**	02/09/11	**37000**	04/19/11	**49000**
			Trichlorofluoromethane	07/29/10	1800	12/20/10	1200	02/09/11	790	04/19/11	910
	112.5	117.5	Carbon Tetrachloride	07/29/10	380	12/20/10	ND	02/09/11	110	04/19/11	170
			Chloroform	07/29/10	1400	12/20/10	1400	02/09/11	610	04/19/11	920
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	2700
			Dichlorodifluoromethane	07/29/10	970	12/20/10	1300	02/09/11	430	04/19/11	580
			Dichloroethane[1,1-]	07/29/10	**8200**	12/20/10	**5900**	02/09/11	**2700**	04/19/11	**3800**
			Dichloroethane[1,2-]	07/29/10	**14000**	12/20/10	**16000**	02/09/11	**7100**	04/19/11	**9700**
			Dichloroethene[1,1-]	07/29/10	**6400**	12/20/10	**4300**	02/09/11	**2100**	04/19/11	**2900**
			Dichloropropane[1,2-]	07/29/10	**750**	12/20/10	**660**	02/09/11	**300**	04/19/11	**440**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27641	112.5	117.5	Methylene Chloride	07/29/10	**4900**	12/20/10	**3400**	02/09/11	**1400**	04/19/11	**1800**
			Tetrachloroethene	07/29/10	**18000**	12/20/10	**16000**	02/09/11	**7300**	04/19/11	**11000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	6600	12/20/10	5000	02/09/11	2200	04/19/11	3500
			Trichloroethane[1,1,1-]	07/29/10	**200000**	12/20/10	**170000**	02/09/11	**72000**	04/19/11	**110000**
			Trichloroethene	07/29/10	**46000**	12/20/10	**48000**	02/09/11	**20000**	04/19/11	**32000**
			Trichlorofluoromethane	07/29/10	1300	12/20/10	1100	02/09/11	440	04/19/11	640
	179.5	184.5	Carbon Tetrachloride	07/29/10	280	12/20/10	ND	02/09/11	85	04/19/11	120
			Chloroform	07/29/10	780	12/20/10	550	02/09/11	310	04/19/11	420
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	1700
			Dichlorodifluoromethane	07/29/10	780	12/20/10	760	02/09/11	320	04/19/11	400
			Dichloroethane[1,1-]	07/29/10	**3900**	12/20/10	**2600**	02/09/11	**1500**	04/19/11	**2000**
			Dichloroethane[1,2-]	07/29/10	**3000**	12/20/10	**3000**	02/09/11	**1300**	04/19/11	**1700**
			Dichloroethene[1,1-]	07/29/10	**6700**	12/20/10	**4400**	02/09/11	**2800**	04/19/11	**3600**
			Dichloropropane[1,2-]	07/29/10	**410**	12/20/10	**ND**	02/09/11	**140**	04/19/11	**200**
			Methylene Chloride	07/29/10	**5800**	12/20/10	**3200**	02/09/11	**2000**	04/19/11	**2400**
			Tetrachloroethene	07/29/10	**5000**	12/20/10	**3400**	02/09/11	**2000**	04/19/11	**2900**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	3700	12/20/10	2700	02/09/11	1500	04/19/11	2200
			Trichloroethane[1,1,1-]	07/29/10	**140000**	12/20/10	**88000**	02/09/11	**50000**	04/19/11	**70000**
			Trichloroethene	07/29/10	**30000**	12/20/10	**24000**	02/09/11	**12000**	04/19/11	**18000**
			Trichlorofluoromethane	07/29/10	940	12/20/10	620	02/09/11	320	04/19/11	420
	268.5	273.5	Carbon Tetrachloride	07/29/10	150	12/20/10	130	02/09/11	63	04/19/11	66
			Chloroform	07/29/10	160	12/20/10	170	02/09/11	78	04/19/11	84
			Cyclohexane	07/29/10	ND	12/20/10	ND	02/09/11	ND	04/19/11	480
			Dichlorodifluoromethane	07/29/10	400	12/20/10	600	02/09/11	230	04/19/11	230

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27641	268.5	273.5	Dichloroethane[1,1-]	07/29/10	680	12/20/10	640	02/09/11	310	04/19/11	340
			Dichloroethane[1,2-]	07/29/10	52	12/20/10	**210**	02/09/11	ND	04/19/11	26
			Dichloroethene[1,1-]	07/29/10	**4500**	12/20/10	**4400**	02/09/11	**2400**	04/19/11	**2500**
			Methylene Chloride	07/29/10	**690**	12/20/10	**670**	02/09/11	**310**	04/19/11	**330**
			Tetrachloroethene	07/29/10	**1200**	12/20/10	**1200**	02/09/11	**550**	04/19/11	**650**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	2400	12/20/10	2400	02/09/11	1200	04/19/11	1400
			Trichloroethane[1,1,1-]	07/29/10	**34000**	12/20/10	**32000**	02/09/11	**15000**	04/19/11	**18000**
			Trichloroethene	07/29/10	**9200**	12/20/10	**9800**	02/09/11	**4300**	04/19/11	**5200**
			Trichlorofluoromethane	07/29/10	480	12/20/10	530	02/09/11	240	04/19/11	250
	330	335	Carbon Tetrachloride	07/29/10	26	12/20/10	30	02/09/11	13	04/29/11	28
			Chloroform	07/29/10	12	12/20/10	17	02/09/11	ND	04/29/11	23
			Dichlorodifluoromethane	07/29/10	94	12/20/10	150	02/09/11	51	04/29/11	97
			Dichloroethane[1,1-]	07/29/10	40	12/20/10	53	02/09/11	17	04/29/11	49
			Dichloroethane[1,2-]	07/29/10	ND	12/20/10	42	02/09/11	ND	04/29/11	10
			Dichloroethene[1,1-]	07/29/10	950	12/20/10	970	02/09/11	440	04/29/11	1000
			Methylene Chloride	07/29/10	27	12/20/10	40	02/09/11	13	04/29/11	31
			Tetrachloroethene	07/29/10	160	12/20/10	180	02/09/11	68	04/29/11	330
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/29/10	740	12/20/10	720	02/09/11	320	04/29/11	840
			Trichloroethane[1,1,1-]	07/29/10	2500	12/20/10	3200	02/09/11	1300	04/29/11	2900
			Trichloroethene	07/29/10	**1000**	12/20/10	**1200**	02/09/11	**470**	04/29/11	**1200**
			Trichlorofluoromethane	07/29/10	160	12/20/10	160	02/09/11	67	04/29/11	140
54-27642	27.5	32.5	Carbon Tetrachloride	07/27/10	810	12/01/10	**940**	01/28/11	650	05/05/11	590
			Chloroform	07/27/10	**7700**	12/01/10	**17000**	01/28/11	**19000**	05/05/11	**24000**
			Dichlorodifluoromethane	07/27/10	500	12/01/10	ND	01/28/11	910	05/05/11	960

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	27.5	32.5	Dichloroethane[1,1-]	07/27/10	**7500**	12/01/10	**8600**	01/28/11	**6700**	05/05/11	**6100**
			Dichloroethane[1,2-]	07/27/10	**6600**	12/01/10	**10000**	01/28/11	**8700**	05/05/11	**9900**
			Dichloroethene[1,1-]	07/27/10	**10000**	12/01/10	**12000**	01/28/11	**9200**	05/05/11	**7700**
			Dichloropropane[1,2-]	07/27/10	**15000**	12/01/10	**20000**	01/28/11	**14000**	05/05/11	**12000**
			Methylene Chloride	07/27/10	**ND**	12/01/10	**1000**	01/28/11	**ND**	05/05/11	**ND**
			Tetrachloroethene	07/27/10	**6500**	12/01/10	**9700**	01/28/11	**7100**	05/05/11	**6300**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	250000	12/01/10	490000	01/28/11	360000	05/05/11	250000
			Trichloroethane[1,1,1-]	07/27/10	**280000**	12/01/10	**300000**	01/28/11	**240000**	05/05/11	**200000**
			Trichloroethene	07/27/10	**54000**	12/01/10	**93000**	01/28/11	**76000**	05/05/11	**71000**
			Trichlorofluoromethane	07/27/10	1400	12/01/10	1400	01/28/11	1300	05/05/11	1100
	71.5	76.5	Benzene	07/27/10	**710**	12/01/10	**740**	01/28/11	**610**	05/05/11	**510**
			Carbon Tetrachloride	07/27/10	**1000**	12/01/10	**1200**	01/28/11	**970**	05/05/11	700
			Chloroform	07/27/10	**7900**	12/01/10	**8700**	01/28/11	**8300**	05/05/11	**6500**
			Cyclohexane	07/27/10	ND	12/01/10	7900	01/28/11	ND	05/05/11	ND
			Dichlorodifluoromethane	07/27/10	ND	12/01/10	540	01/28/11	650	05/05/11	450
			Dichloroethane[1,1-]	07/27/10	**6900**	12/01/10	**7300**	01/28/11	**6700**	05/05/11	**5000**
			Dichloroethane[1,2-]	07/27/10	**6500**	12/01/10	**5600**	01/28/11	**5100**	05/05/11	**3600**
			Dichloroethene[1,1-]	07/27/10	**17000**	12/01/10	**18000**	01/28/11	**15000**	05/05/11	**11000**
			Dichloropropane[1,2-]	07/27/10	**29000**	12/01/10	**27000**	01/28/11	**25000**	05/05/11	**18000**
			Methylene Chloride	07/27/10	**1900**	12/01/10	**1600**	01/28/11	**920**	05/05/11	**400**
			Tetrachloroethene	07/27/10	**8400**	12/01/10	**9100**	01/28/11	**8700**	05/05/11	**6000**
			Tetrahydrofuran	07/27/10	15000	12/01/10	15000	01/28/11	14000	05/05/11	9000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	78000	12/01/10	81000	01/28/11	76000	05/05/11	75000
			Trichloroethane[1,1,1-]	07/27/10	**290000**	12/01/10	**310000**	01/28/11	**280000**	05/05/11	**200000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	71.5	76.5	Trichloroethane[1,1,2-]	07/27/10	**ND**	12/01/10	**390**	01/28/11	**350**	05/05/11	**ND**
			Trichloroethene	07/27/10	**78000**	12/01/10	**77000**	01/28/11	**71000**	05/05/11	**52000**
			Trichlorofluoromethane	07/27/10	4800	12/01/10	3900	01/28/11	3700	05/05/11	2700
	114.5	119.5	Carbon Tetrachloride	07/27/10	**980**	12/01/10	510	01/28/11	860	05/05/11	690
			Chloroform	07/27/10	**7800**	12/01/10	**6800**	01/28/11	**14000**	05/05/11	**12000**
			Dichlorodifluoromethane	07/27/10	620	12/01/10	390	01/28/11	900	05/05/11	850
			Dichloroethane[1,1-]	07/27/10	**8300**	12/01/10	**4700**	01/28/11	**8000**	05/05/11	**6100**
			Dichloroethane[1,2-]	07/27/10	**4800**	12/01/10	**4100**	01/28/11	**6600**	05/05/11	**5000**
			Dichloroethene[1,1-]	07/27/10	**13000**	12/01/10	**7400**	01/28/11	**12000**	05/05/11	**9600**
			Dichloropropane[1,2-]	07/27/10	**27000**	12/01/10	**17000**	01/28/11	**28000**	05/05/11	**18000**
			Methylene Chloride	07/27/10	**1600**	12/01/10	**470**	01/28/11	**ND**	05/05/11	**ND**
			Tetrachloroethene	07/27/10	**8600**	12/01/10	**4600**	01/28/11	**9200**	05/05/11	**7000**
			Tetrahydrofuran	07/27/10	ND	12/01/10	230	01/28/11	ND	05/05/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	170000	12/01/10	110000	01/28/11	230000	05/05/11	200000
			Trichloroethane[1,1,1-]	07/27/10	**330000**	12/01/10	**160000**	01/28/11	**310000**	05/05/11	**240000**
			Trichloroethane[1,1,2-]	07/27/10	**ND**	12/01/10	**190**	01/28/11	**ND**	05/05/11	**ND**
			Trichloroethene	07/27/10	**70000**	12/01/10	**43000**	01/28/11	**79000**	05/05/11	**62000**
			Trichlorofluoromethane	07/27/10	2600	12/01/10	1200	01/28/11	2300	05/05/11	1800
	172.5	177.5	Benzene	07/27/10	**1300**	12/01/10	**1000**	01/28/11	**1000**	05/05/11	**940**
			Carbon Tetrachloride	07/27/10	**1100**	12/01/10	**940**	01/28/11	**920**	05/05/11	760
			Chlorobenzene	07/27/10	320	12/01/10	280	01/28/11	290	05/05/11	ND
			Chloroform	07/27/10	**6200**	12/01/10	**5800**	01/28/11	**5900**	05/05/11	**5000**
			Dichlorodifluoromethane	07/27/10	540	12/01/10	380	01/28/11	590	05/05/11	480
			Dichloroethane[1,1-]	07/27/10	**3400**	12/01/10	**3000**	01/28/11	**3100**	05/05/11	**2500**
			Dichloroethane[1,2-]	07/27/10	**4700**	12/01/10	**4100**	01/28/11	**4100**	05/05/11	**3600**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	172.5	177.5	Dichloroethene[1,1-]	07/27/10	**17000**	12/01/10	**15000**	01/28/11	**16000**	05/05/11	**13000**
			Dichloropropane[1,2-]	07/27/10	**9700**	12/01/10	**8600**	01/28/11	**7900**	05/05/11	**6400**
			Hexane	07/27/10	620	12/01/10	470	01/28/11	520	05/05/11	450
			Methylene Chloride	07/27/10	**27000**	12/01/10	**22000**	01/28/11	**21000**	05/05/11	**17000**
			Tetrachloroethene	07/27/10	**6000**	12/01/10	**5200**	01/28/11	**5600**	05/05/11	**5000**
			Tetrahydrofuran	07/27/10	ND	12/01/10	1000	01/28/11	ND	05/05/11	ND
			Toluene	07/27/10	4000	12/01/10	3600	01/28/11	3500	05/05/11	3000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	32000	12/01/10	28000	01/28/11	33000	05/05/11	31000
			Trichloroethane[1,1,1-]	07/27/10	**190000**	12/01/10	**160000**	01/28/11	**160000**	05/05/11	**140000**
			Trichloroethene	07/27/10	**61000**	12/01/10	**49000**	01/28/11	**50000**	05/05/11	**43000**
			Trichlorofluoromethane	07/27/10	5000	12/01/10	3200	01/28/11	4500	05/05/11	3900
			Xylene[1,2-]	07/27/10	620	12/01/10	580	01/28/11	640	05/05/11	530
			Xylene[1,3-]+Xylene[1,4-]	07/27/10	350	12/01/10	430	01/28/11	480	05/05/11	ND
	272.5	277.5	Benzene	07/27/10	**780**	12/01/10	**790**	01/28/11	**660**	05/05/11	ND
			Carbon Tetrachloride	07/27/10	660	12/01/10	790	01/28/11	650	05/05/11	ND
			Chloroform	07/27/10	2400	12/01/10	**3300**	01/28/11	2400	05/05/11	ND
			Dichlorodifluoromethane	07/27/10	500	12/01/10	570	01/28/11	560	05/05/11	ND
			Dichloroethane[1,1-]	07/27/10	890	12/01/10	**1600**	01/28/11	890	05/05/11	ND
			Dichloroethane[1,2-]	07/27/10	**190**	12/01/10	**630**	01/28/11	**220**	05/05/11	**ND**
			Dichloroethene[1,1-]	07/27/10	**16000**	12/01/10	**16000**	01/28/11	**14000**	05/05/11	120
			Dichloropropane[1,2-]	07/27/10	**1100**	12/01/10	**4100**	01/28/11	**1100**	05/05/11	85
			Hexane	07/27/10	620	12/01/10	620	01/28/11	590	05/05/11	ND
			Methylene Chloride	07/27/10	**9600**	12/01/10	**9000**	01/28/11	**8300**	05/05/11	150
			Tetrachloroethene	07/27/10	**2500**	12/01/10	**3200**	01/28/11	**2400**	05/05/11	84
			Tetrahydrofuran	07/27/10	ND	12/01/10	3900	01/28/11	ND	05/05/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	272.5	277.5	Toluene	07/27/10	990	12/01/10	890	01/28/11	790	05/05/11	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	23000	12/01/10	31000	01/28/11	20000	05/05/11	250
			Trichloroethane[1,1,1-]	07/27/10	**74000**	12/01/10	**94000**	01/28/11	**65000**	05/05/11	1400
			Trichloroethene	07/27/10	**30000**	12/01/10	**35000**	01/28/11	**26000**	05/05/11	**520**
	272.5	277.5	Trichlorofluoromethane	07/27/10	4100	12/01/10	3600	01/28/11	3300	05/05/11	ND
	335.5	340.5	Acetone	07/27/10	ND	12/01/10	ND	01/28/11	120	05/05/11	ND
			Benzene	07/27/10	180	12/01/10	190	01/28/11	180	05/05/11	210
			Carbon Tetrachloride	07/27/10	260	12/01/10	270	01/28/11	250	05/05/11	310
			Chloroform	07/27/10	330	12/01/10	700	01/28/11	570	05/05/11	660
			Dichlorodifluoromethane	07/27/10	220	12/01/10	240	01/28/11	260	05/05/11	280
			Dichloroethane[1,1-]	07/27/10	140	12/01/10	440	01/28/11	330	05/05/11	370
			Dichloroethane[1,2-]	07/27/10	ND	12/01/10	**170**	01/28/11	**100**	05/05/11	**98**
			Dichloroethene[1,1-]	07/27/10	**7000**	12/01/10	**5500**	01/28/11	**5600**	05/05/11	**6000**
			Dichloropropane[1,2-]	07/27/10	40	12/01/10	**1500**	01/28/11	**910**	05/05/11	**940**
			Hexane	07/27/10	210	12/01/10	100	01/28/11	120	05/05/11	62
			Methylene Chloride	07/27/10	**1200**	12/01/10	**980**	01/28/11	**950**	05/05/11	**980**
			Propylene	07/27/10	69 (J)	12/01/10	ND	01/28/11	ND	05/05/11	ND
			Tetrachloroethene	07/27/10	480	12/01/10	**780**	01/28/11	**690**	05/05/11	**780**
			Tetrahydrofuran	07/27/10	ND	12/01/10	1500	01/28/11	2500	05/05/11	290
			Toluene	07/27/10	100	12/01/10	56	01/28/11	77	05/05/11	80
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	07/27/10	7200	12/01/10	8600	01/28/11	8200	05/05/11	9700
			Trichloroethane[1,1,1-]	07/27/10	**14000**	12/01/10	**25000**	01/28/11	**20000**	05/05/11	**23000**
			Trichloroethene	07/27/10	**8000**	12/01/10	**9100**	01/28/11	**8000**	05/05/11	**9100**
			Trichlorofluoromethane	07/27/10	1200	12/01/10	940	01/28/11	950	05/05/11	1100

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	27.5	32.5	Carbon Tetrachloride	08/17/10	280	12/13/10	350	03/08/11	250	05/17/11	260
			Chloroform	08/17/10	1900	12/13/10	2700	03/08/11	2200	05/17/11	2300
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	1900	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	ND	12/13/10	130	03/08/11	120	05/17/11	120
			Dichloroethane[1,1-]	08/17/10	1300	12/13/10	**1800**	03/08/11	1400	05/17/11	1400
			Dichloroethane[1,2-]	08/17/10	**840**	12/13/10	**1400**	03/08/11	**1100**	05/17/11	**1100**
			Dichloroethene[1,1-]	08/17/10	**1600**	12/13/10	**2700**	03/08/11	**2200**	05/17/11	**1800**
			Dichloropropane[1,2-]	08/17/10	**4900**	12/13/10	**7200**	03/08/11	**5400**	05/17/11	**5400**
			Tetrachloroethene	08/17/10	**2800**	12/13/10	**3400**	03/08/11	**2400**	05/17/11	**2900**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	17000	12/13/10	25000	03/08/11	19000	05/17/11	23000
			Trichloroethane[1,1,1-]	08/17/10	**59000**	12/13/10	**76000**	03/08/11	**62000**	05/17/11	**57000**
			Trichloroethane[1,1,2-]	08/17/10	**120**	12/13/10	**150**	03/08/11	**130**	05/17/11	**ND**
			Trichloroethene	08/17/10	**12000**	12/13/10	**15000**	03/08/11	**12000**	05/17/11	**13000**
			Trichlorofluoromethane	08/17/10	680	12/13/10	1100	03/08/11	760	05/17/11	810
	71.5	76.5	Benzene	08/17/10	240	12/13/10	280	03/08/11	250	05/17/11	230
			Carbon Tetrachloride	08/17/10	440	12/13/10	540	03/08/11	380	05/17/11	350
			Chlorobenzene	08/17/10	170	12/13/10	210	03/08/11	160	05/17/11	160
			Chloroform	08/17/10	2900	12/13/10	**3700**	03/08/11	**3200**	05/17/11	2800
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	2900	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	130	12/13/10	220	03/08/11	200	05/17/11	170
			Dichloroethane[1,1-]	08/17/10	**1600**	12/13/10	**2400**	03/08/11	**2000**	05/17/11	**1700**
			Dichloroethane[1,2-]	08/17/10	**2000**	12/13/10	**2900**	03/08/11	**2400**	05/17/11	**2000**
			Dichloroethene[1,1-]	08/17/10	**3100**	12/13/10	**4700**	03/08/11	**4000**	05/17/11	**3100**
			Dichloropropane[1,2-]	08/17/10	**7300**	12/13/10	**9200**	03/08/11	**7600**	05/17/11	**6800**
			Methylene Chloride	08/17/10	**1100**	12/13/10	**1600**	03/08/11	**1500**	05/17/11	**1100**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	71.5	76.5	Tetrachloroethene	08/17/10	**3700**	12/13/10	**4200**	03/08/11	**3100**	05/17/11	**3400**
			Tetrahydrofuran	08/17/10	4900	12/13/10	7900	03/08/11	6600	05/17/11	5200
			Toluene	08/17/10	270	12/13/10	300	03/08/11	240	05/17/11	210
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	17000	12/13/10	22000	03/08/11	18000	05/17/11	20000
			Trichloroethane[1,1,1-]	08/17/10	**88000**	12/13/10	**110000**	03/08/11	**96000**	05/17/11	**76000**
			Trichloroethane[1,1,2-]	08/17/10	**180**	12/13/10	**200**	03/08/11	**170**	05/17/11	**ND**
			Trichloroethene	08/17/10	**20000**	12/13/10	**23000**	03/08/11	**19000**	05/17/11	**18000**
			Trichlorofluoromethane	08/17/10	1300	12/13/10	2000	03/08/11	1500	05/17/11	1400
			Xylene[1,2-]	08/17/10	220	12/13/10	380	03/08/11	230	05/17/11	230
	114.5	119.5	Benzene	08/17/10	**400**	12/13/10	**440**	03/08/11	**430**	05/17/11	**390**
			Carbon Tetrachloride	08/17/10	490	12/13/10	470	03/08/11	420	05/17/11	420
			Chlorobenzene	08/17/10	220	12/13/10	190	03/08/11	190	05/17/11	190
			Chloroform	08/17/10	**3300**	12/13/10	**3600**	03/08/11	**3700**	05/17/11	**3300**
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	3100	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	210	12/13/10	240	03/08/11	250	05/17/11	220
			Dichloroethane[1,1-]	08/17/10	**1700**	12/13/10	**2000**	03/08/11	**2000**	05/17/11	**1700**
			Dichloroethane[1,2-]	08/17/10	**2300**	12/13/10	**3000**	03/08/11	**3000**	05/17/11	**2500**
			Dichloroethene[1,1-]	08/17/10	**5100**	12/13/10	**6000**	03/08/11	**6200**	05/17/11	**4800**
			Dichloropropane[1,2-]	08/17/10	**7300**	12/13/10	**7100**	03/08/11	**7100**	05/17/11	**6400**
			Methylene Chloride	08/17/10	**3900**	12/13/10	**3700**	03/08/11	**4200**	05/17/11	**3200**
			Tetrachloroethene	08/17/10	**3800**	12/13/10	**3200**	03/08/11	**2900**	05/17/11	**3200**
			Tetrahydrofuran	08/17/10	690	12/13/10	1100	03/08/11	950	05/17/11	ND
			Toluene	08/17/10	740	12/13/10	610	03/08/11	570	05/17/11	530
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	16000	12/13/10	16000	03/08/11	15000	05/17/11	17000

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	114.5	119.5	Trichloroethane[1,1,1-]	08/17/10	**92000**	12/13/10	**95000**	03/08/11	**100000**	05/17/11	**83000**
			Trichloroethane[1,1,2-]	08/17/10	**160**	12/13/10	**ND**	03/08/11	**140**	05/17/11	**ND**
			Trichloroethene	08/17/10	**25000**	12/13/10	**22000**	03/08/11	**23000**	05/17/11	**21000**
			Trichlorofluoromethane	08/17/10	2200	12/13/10	2300	03/08/11	2200	05/17/11	2000
			Xylene[1,2-]	08/17/10	400	12/13/10	420	03/08/11	360	05/17/11	350
	164.5	169.5	Benzene	08/17/10	**640**	12/13/10	**830**	03/08/11	**600**	05/17/11	**570**
			Carbon Tetrachloride	08/17/10	560	12/13/10	710	03/08/11	440	05/17/11	430
			Chlorobenzene	08/17/10	150	12/13/10	220	03/08/11	120	05/17/11	150
			Chloroform	08/17/10	**3600**	12/13/10	**4800**	03/08/11	**3600**	05/17/11	**3300**
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	2600	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	300	12/13/10	410	03/08/11	320	05/17/11	290
			Dichloroethane[1,1-]	08/17/10	1400	12/13/10	**2000**	03/08/11	**1500**	05/17/11	1300
			Dichloroethane[1,2-]	08/17/10	**1900**	12/13/10	**3100**	03/08/11	**2200**	05/17/11	**2000**
			Dichloroethene[1,1-]	08/17/10	**7700**	12/13/10	**11000**	03/08/11	**8600**	05/17/11	**6700**
			Dichloropropane[1,2-]	08/17/10	**4600**	12/13/10	**6100**	03/08/11	**4200**	05/17/11	**3900**
			Hexane	08/17/10	230	12/13/10	330	03/08/11	250	05/17/11	210
			Methylene Chloride	08/17/10	**9200**	12/13/10	**11000**	03/08/11	**9100**	05/17/11	**7700**
			Tetrachloroethene	08/17/10	**2800**	12/13/10	**3500**	03/08/11	**2200**	05/17/11	**2500**
			Toluene	08/17/10	1300	12/13/10	1700	03/08/11	1000	05/17/11	1100
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	17000	12/13/10	19000	03/08/11	14000	05/17/11	15000
			Trichloroethane[1,1,1-]	08/17/10	**84000**	12/13/10	**110000**	03/08/11	**84000**	05/17/11	**71000**
			Trichloroethene	08/17/10	**25000**	12/13/10	**31000**	03/08/11	**22000**	05/17/11	**22000**
			Trichlorofluoromethane	08/17/10	2900	12/13/10	3800	03/08/11	2600	05/17/11	2500
			Xylene[1,2-]	08/17/10	280	12/13/10	540	03/08/11	240	05/17/11	310
			Xylene[1,3-]+Xylene[1,4-]	08/17/10	ND	12/13/10	120	03/08/11	ND	05/17/11	ND

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	272.5	277.5	Benzene	08/17/10	**460**	12/13/10	**560**	03/08/11	**410**	05/17/11	**440**
			Carbon Tetrachloride	08/17/10	430	12/13/10	530	03/08/11	350	05/17/11	380
			Chloroform	08/17/10	1700	12/13/10	2200	03/08/11	1700	05/17/11	1700
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	1200	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	280	12/13/10	430	03/08/11	340	05/17/11	330
			Dichloroethane[1,1-]	08/17/10	530	12/13/10	710	03/08/11	520	05/17/11	530
			Dichloroethane[1,2-]	08/17/10	**90**	12/13/10	**150**	03/08/11	**100**	05/17/11	**110**
			Dichloroethene[1,1-]	08/17/10	**8200**	12/13/10	**12000**	03/08/11	**9200**	05/17/11	**7600**
			Dichloropropane[1,2-]	08/17/10	**550**	12/13/10	**770**	03/08/11	**540**	05/17/11	**580**
			Hexane	08/17/10	340	12/13/10	420	03/08/11	280	05/17/11	270
			Methylene Chloride	08/17/10	**5600**	12/13/10	**7200**	03/08/11	**6100**	05/17/11	**5700**
			Tetrachloroethene	08/17/10	**1200**	12/13/10	**1500**	03/08/11	**1000**	05/17/11	**1300**
			Toluene	08/17/10	310	12/13/10	230	03/08/11	140	05/17/11	150
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	13000	12/13/10	15000	03/08/11	10000	05/17/11	12000
			Trichloroethane[1,1,1-]	08/17/10	**36000**	12/13/10	**48000**	03/08/11	**37000**	05/17/11	**35000**
			Trichloroethene	08/17/10	**15000**	12/13/10	**18000**	03/08/11	**13000**	05/17/11	**14000**
			Trichlorofluoromethane	08/17/10	2000	12/13/10	2900	03/08/11	2000	05/17/11	2200
	351.5	356.5	Benzene	08/17/10	160	12/13/10	160	03/08/11	150	05/17/11	140
			Carbon Tetrachloride	08/17/10	200	12/13/10	200	03/08/11	210	05/17/11	170
			Chloroform	08/17/10	240	12/13/10	260	03/08/11	300	05/17/11	250
			Cyclohexane	08/17/10	ND	12/13/10	ND	03/08/11	330	05/17/11	ND
			Dichlorodifluoromethane	08/17/10	170	12/13/10	210	03/08/11	240	05/17/11	170
			Dichloroethane[1,1-]	08/17/10	82	12/13/10	96	03/08/11	91	05/17/11	82
			Dichloroethene[1,1-]	08/17/10	**4400**	12/13/10	**4900**	03/08/11	**4400**	05/17/11	**3400**
			Dichloropropane[1,2-]	08/17/10	17	12/13/10	20	03/08/11	26	05/17/11	22

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	351.5	356.5	Hexane	08/17/10	150	12/13/10	120	03/08/11	85	05/17/11	80
			Methylene Chloride	08/17/10	**640**	12/13/10	**660**	03/08/11	**690**	05/17/11	**640**
			Propylene	08/17/10	50	12/13/10	ND	03/08/11	ND	05/17/11	43
			Tetrachloroethene	08/17/10	360	12/13/10	310	03/08/11	380	05/17/11	310
			Toluene	08/17/10	59	12/13/10	38	03/08/11	23	05/17/11	25
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/17/10	5200	12/13/10	4700	03/08/11	5400	05/17/11	3900
			Trichloroethane[1,1,1-]	08/17/10	**8800**	12/13/10	**9700**	03/08/11	**12000**	05/17/11	**8000**
			Trichloroethene	08/17/10	**4200**	12/13/10	**4100**	03/08/11	**5000**	05/17/11	**3700**
			Trichlorofluoromethane	08/17/10	820	12/13/10	840	03/08/11	900	05/17/11	710
54-610786	22.5	27.5	Carbon Tetrachloride	08/20/10	230	12/10/10	250	03/02/11	210	05/12/11	170
			Chloroform	08/20/10	2200	12/10/10	**3400**	03/02/11	3000	05/12/11	2800
			Dichlorodifluoromethane	08/20/10	100	12/10/10	220	03/02/11	160	05/12/11	140
			Dichloroethane[1,1-]	08/20/10	**1600**	12/10/10	**1700**	03/02/11	1300	05/12/11	1200
			Dichloroethane[1,2-]	08/20/10	**1100**	12/10/10	**1300**	03/02/11	**1200**	05/12/11	**1200**
			Dichloroethene[1,1-]	08/20/10	**1600**	12/10/10	**1600**	03/02/11	**1600**	05/12/11	1300
			Dichloropropane[1,2-]	08/20/10	**5300**	12/10/10	**5200**	03/02/11	**4100**	05/12/11	**3700**
			Tetrachloroethene	08/20/10	**3300**	12/10/10	**3500**	03/02/11	**2900**	05/12/11	**2600**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/20/10	28000	12/10/10	48000	03/02/11	38000	05/12/11	28000
			Trichloroethane[1,1,1-]	08/20/10	**62000**	12/10/10	**70000**	03/02/11	**65000**	05/12/11	**48000**
			Trichloroethane[1,1,2-]	08/20/10	**140**	12/10/10	**ND**	03/02/11	**ND**	05/12/11	**ND**
			Trichloroethene	08/20/10	**15000**	12/10/10	**18000**	03/02/11	**15000**	05/12/11	**12000**
			Trichlorofluoromethane	08/20/10	580	12/10/10	720	03/02/11	640	05/12/11	490
	97.5	102.5	Benzene	08/20/10	**400**	12/10/10	320	03/02/11	220	05/12/11	260
			Carbon Tetrachloride	08/20/10	440	12/10/10	420	03/02/11	280	05/12/11	310

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-610786	97.5	102.5	Chlorobenzene	08/20/10	290	12/10/10	300	03/02/11	200	05/12/11	210
			Chloroform	08/20/10	3000	12/10/10	**3400**	03/02/11	2400	05/12/11	2500
			Dichlorodifluoromethane	08/20/10	190	12/10/10	310	03/02/11	160	05/12/11	160
			Dichloroethane[1,1-]	08/20/10	**2000**	12/10/10	**2000**	03/02/11	1400	05/12/11	**1600**
			Dichloroethane[1,2-]	08/20/10	**2300**	12/10/10	**2600**	03/02/11	**2000**	05/12/11	**2000**
			Dichloroethene[1,1-]	08/20/10	**4100**	12/10/10	**3900**	03/02/11	**2900**	05/12/11	**3100**
			Dichloropropane[1,2-]	08/20/10	**7400**	12/10/10	**7100**	03/02/11	**4900**	05/12/11	**5100**
			Ethanol	08/20/10	ND	12/10/10	2000	03/02/11	ND	05/12/11	990
			Methylene Chloride	08/20/10	**3900**	12/10/10	**3600**	03/02/11	**2400**	05/12/11	**2400**
			Tetrachloroethene	08/20/10	**4000**	12/10/10	**3800**	03/02/11	**2800**	05/12/11	**3100**
			Tetrahydrofuran	08/20/10	8800	12/10/10	8500	03/02/11	5900	05/12/11	6300
			Toluene	08/20/10	540	12/10/10	510	03/02/11	340	05/12/11	350
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/20/10	21000	12/10/10	21000	03/02/11	17000	05/12/11	23000
			Trichloroethane[1,1,1-]	08/20/10	**98000**	12/10/10	**100000**	03/02/11	**78000**	05/12/11	**74000**
			Trichloroethane[1,1,2-]	08/20/10	**170**	12/10/10	**ND**	03/02/11	**ND**	05/12/11	**ND**
			Trichloroethene	08/20/10	**24000**	12/10/10	**24000**	03/02/11	**17000**	05/12/11	**17000**
			Trichlorofluoromethane	08/20/10	1700	12/10/10	1800	03/02/11	1300	05/12/11	1200
			Xylene[1,2-]	08/20/10	330	12/10/10	370	03/02/11	230	05/12/11	310
	116	121	Benzene	08/20/10	**460**	12/10/10	330	03/02/11	220	05/12/11	**400**
			Carbon Tetrachloride	08/20/10	490	12/10/10	370	03/02/11	290	05/12/11	410
			Chlorobenzene	08/20/10	290	12/10/10	220	03/02/11	200	05/12/11	260
			Chloroform	08/20/10	**3400**	12/10/10	2900	03/02/11	2400	05/12/11	**3100**
			Dichlorodifluoromethane	08/20/10	220	12/10/10	260	03/02/11	160	05/12/11	210
			Dichloroethane[1,1-]	08/20/10	**2100**	12/10/10	**1600**	03/02/11	1400	05/12/11	**1800**
			Dichloroethane[1,2-]	08/20/10	**2600**	12/10/10	**2200**	03/02/11	**1900**	05/12/11	**2600**

Table D-1.0-3 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	Analyte	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-610786	116	121	Dichloroethene[1,1-]	08/20/10	**5200**	12/10/10	**4000**	03/02/11	**2900**	05/12/11	**4500**
			Dichloropropane[1,2-]	08/20/10	**7300**	12/10/10	**5200**	03/02/11	**4900**	05/12/11	**5800**
			Ethanol	08/20/10	ND	12/10/10	1800	03/02/11	ND	05/12/11	1300
			Methylene Chloride	08/20/10	**5800**	12/10/10	**4200**	03/02/11	**2400**	05/12/11	**4200**
			Tetrachloroethene	08/20/10	**4000**	12/10/10	**2800**	03/02/11	**2800**	05/12/11	**3600**
			Tetrahydrofuran	08/20/10	3800	12/10/10	2600	03/02/11	6200	05/12/11	3100
			Toluene	08/20/10	820	12/10/10	500	03/02/11	330	05/12/11	490
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	08/20/10	20000	12/10/10	16000	03/02/11	17000	05/12/11	23000
			Trichloroethane[1,1,1-]	08/20/10	**100000**	12/10/10	**83000**	03/02/11	**77000**	05/12/11	**91000**
			Trichloroethane[1,1,2-]	08/20/10	**160**	12/10/10	**ND**	03/02/11	**ND**	05/12/11	**ND**
			Trichloroethene	08/20/10	**26000**	12/10/10	**20000**	03/02/11	**17000**	05/12/11	**22000**
			Trichlorofluoromethane	08/20/10	2200	12/10/10	1900	03/02/11	1200	05/12/11	1800
			Xylene[1,2-]	08/20/10	740	12/10/10	270	03/02/11	220	05/12/11	430
			Xylene[1,3-]+Xylene[1,4-]	08/20/10	840	12/10/10	ND	03/02/11	ND	05/12/11	ND

Note: Bold indicates concentrations that exceed a screening value of 1.

[a] bgs = Below ground surface.

[b] ND = Not detected.

[c] NS = Not sampled.

Table D-1.0-4
Summary of Detected Tritium Results at MDA L

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
			Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)
54-02001	37.5	42.5	08/06/10	471	11/19/10	35800	02/25/11	ND[b]	04/26/11	1810
	77.5	82.5	08/06/10	696	11/19/10	10100	02/25/11	374	04/26/11	907
	117.5	122.5	08/06/10	662	11/22/10	ND	02/25/11	ND	04/26/11	979
	137.5	142.5	08/06/10	305	11/22/10	346	02/25/11	ND	04/26/11	744
54-02002	37.5	42.5	NS[c]	NS	12/13/10	419	03/09/11	2510	06/16/11	1070
	97.5	102.5	09/08/10	1940	12/14/10	5860	03/09/11	3210	06/16/11	2720
	117.5	122.5	09/01/10	1820	12/13/10	1310	03/09/11	3260	06/10/11	1820
	177.5	182.5	09/01/10	432	12/13/10	3240	03/09/11	2760	06/10/11	1400
54-02016	28.5	33.5	08/16/10	ND	11/30/10	1300	03/23/11	1520	05/12/11	576
	79.5	84.5	08/16/10	517	11/30/10	8100	03/23/11	ND	05/12/11	ND
54-02021	10	30	08/03/10	ND	11/18/10	ND	02/07/11	ND	04/15/11	1290
	90	110	08/03/10	ND	11/18/10	ND	02/03/11	792	04/15/11	ND
	130	150	08/03/10	ND	11/18/10	22700	02/03/11	ND	04/15/11	3190
54-02022	37.5	42.5	08/05/10	ND	12/08/10	1060	03/01/11	685	04/22/11	ND
	77.5	82.5	08/05/10	ND	12/08/10	32000	03/01/11	ND	04/22/11	ND
	117.5	122.5	08/05/10	ND	12/08/10	ND	03/01/11	780	04/22/11	ND
	137.5	142.5	08/05/10	ND	12/06/10	2640	03/01/11	747	04/22/11	ND
54-02024	30	50	08/30/10	ND	12/15/10	9660	03/17/11	ND	06/09/11	ND
	150	170	08/30/10	ND	12/15/10	3910	03/17/11	1210	06/09/11	421
54-02025	20	20	09/01/10	ND	12/09/10	1040	03/04/11	427	05/26/11	684
	100	100	09/01/10	ND	12/09/10	ND	03/04/11	ND	05/26/11	396
	160	160	09/03/10	ND	12/09/10	395	03/04/11	1960	05/26/11	451
54-02026	20	20	09/01/10	ND	12/20/10	ND	03/18/11	340	05/31/11	ND
	100	100	08/31/10	ND	12/20/10	ND	03/18/11	38200	05/31/11	ND
	160	160	08/31/10	ND	12/20/10	5920	03/18/11	ND	05/31/11	617

Table D-1.0-4 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
			Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)
54-02027	20	20	09/10/10	ND	12/10/10	ND	03/02/11	1030	05/27/11	ND
	200	200	09/10/10	ND	12/10/10	ND	03/02/11	ND	05/27/11	307
54-02028	20	20	08/27/10	ND	12/16/10	ND	03/29/11	1150	06/01/11	656
	100	100	08/27/10	ND	12/16/10	ND	03/29/11	1240	06/01/11	ND
	160	160	08/27/10	ND	12/16/10	ND	03/29/11	3360	06/01/11	1810
54-02031	20	20	08/02/10	ND	11/19/10	530	01/21/11	13300	04/19/11	ND
	100	100	08/02/10	ND	11/19/10	422	01/21/11	26200	04/19/11	ND
	160	160	08/02/10	ND	11/19/10	ND	01/21/11	1050	04/19/11	ND
	260	260	08/02/10	ND	11/22/10	ND	01/25/11	1010	04/19/11	ND
54-02034	20	20	08/04/10	461	11/30/10	13600	02/09/11	4580	04/08/11	ND
	160	160	08/04/10	ND	11/30/10	ND	02/09/11	ND	04/08/11	519
	260	260	08/04/10	434	11/30/10	ND	02/09/11	1030	04/08/11	1260
	300	300	08/04/10	ND	12/01/10	ND	02/09/11	ND	04/08/11	5260
54-02089	31	31	08/09/10	1130	11/23/10	9050	02/22/11	1870	05/06/11	1220
	46	46	08/09/10	424	11/23/10	9350	02/22/11	3390	05/06/11	5660
54-24238	63	65	08/10/10	3490	12/06/10	ND	02/25/11	6150	05/18/11	1740
54-24239	24	26	08/23/10	ND	12/06/10	258	02/18/11	ND	05/04/11	ND
	74	76	08/23/10	ND	12/06/10	463	02/18/11	ND	05/04/11	371
54-24240	27	29	08/20/10	ND	12/02/10	ND	02/16/11	ND	04/29/11	2210
	52	54	08/20/10	ND	12/03/10	ND	02/16/11	1960	04/29/11	650
	127	129	08/20/10	726	12/02/10	ND	02/16/11	ND	04/29/11	565
	152	154	08/20/10	3740	12/02/10	ND	02/16/11	ND	04/29/11	43500
54-24241	71	74	08/25/10	2180	12/01/10	1890	02/10/11	4460	05/05/11	2550
	112	114	08/25/10	ND	12/01/10	1420	02/10/11	1350	05/05/11	845
	132	134	08/25/10	ND	12/01/10	1000	02/15/11	19300	05/05/11	1690

Table D-1.0-4 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
			Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)
54-24242	24	26	08/24/10	1140	12/03/10	ND	03/28/11	ND	05/17/11	ND
	49	51	08/24/10	440	12/03/10	ND	03/28/11	354	05/17/11	431
54-24243	23	26	NS	NS	12/13/10	37300	NS	NS	NS	NS
	24	26	09/09/10	2660	NS	NS	03/08/11	31500	05/19/11	40600
	74	76	09/09/10	280000	12/13/10	259000	03/08/11	167000	05/19/11	268000
	124	126	09/08/10	36200	12/13/10	4380	03/08/11	2460	05/19/11	1540
54-24399	550	608	08/18/10	615	NS	NS	03/25/11	ND	NS	NS
54-27641	112.5	117.5	08/18/10	ND	12/21/10	ND	02/11/11	ND	04/27/11	1320
	179.5	184.5	08/18/10	ND	12/21/10	ND	02/11/11	7290	04/27/11	6760
	268.5	273.5	08/18/10	448	12/21/10	ND	02/11/11	ND	04/27/11	322
	330	335	08/18/10	427	12/21/10	7890	02/11/11	6570	04/27/11	3050
54-27642	27.5	32.5	08/13/10	ND	12/02/10	461	02/07/11	321	05/10/11	ND
	71.5	76.5	08/13/10	ND	12/02/10	9460	02/07/11	8160	05/10/11	5750
	114.5	119.5	08/13/10	ND	12/02/10	2260	02/07/11	7970	05/10/11	23500
	172.5	177.5	08/13/10	ND	12/02/10	961	02/07/11	893	05/10/11	497
	272.5	277.5	08/13/10	ND	12/02/10	2250	02/07/11	470	05/10/11	ND
	335.5	340.5	08/13/10	ND	12/02/10	6990	02/07/11	404	05/10/11	3030
54-27643	27.5	32.5	09/13/10	514	12/15/10	924	03/15/11	ND	05/24/11	762
	71.5	76.5	09/13/10	657	12/15/10	560	03/15/11	291	05/24/11	615
	114.5	119.5	09/13/10	572	12/15/10	1950	03/15/11	357	05/24/11	1590
	164.5	169.5	09/13/10	597	12/15/10	839	03/15/11	390	05/25/11	930
	272.5	277.5	09/13/10	418	12/15/10	857	03/15/11	ND	05/25/11	496
	351.5	356.5	09/13/10	1430	12/15/10	ND	03/15/11	ND	05/25/11	859

Table D-1.0-4 (continued)

Vapor-Monitoring Well ID	Begin Depth (ft bgs[a])	End Depth (ft bgs)	4th Quarter FY2010		1st Quarter FY2011		2nd Quarter FY2011		3rd Quarter FY2011	
			Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)
54-610786	22.5	27.5	09/10/10	867	12/10/10	1270	03/10/11	600	05/23/11	855
	97.5	102.5	09/10/10	746	12/10/10	1140	03/10/11	554	05/23/11	374
	116	121	09/10/10	630	12/10/10	834	03/10/11	ND	05/23/11	1860

[a] bgs = Below ground surface.

[b] ND = Not detected.

[c] NS = Not sampled.

Attachment D-1

Analytic Suites and Results and Analytical Reports
(on CD included with this report)