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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, First 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 first 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 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 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 first quarter of FY2011 were similar to previous sampling results. The VOC screening evaluation identified 13 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 first 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 first 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 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 include collecting samples from the 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 beneath and surrounding MDA L.

This report discusses the results obtained during the latest quarter monitoring activities at MDA L; however, for comparison, vapor data from the previous three quarterly PMRs, second, third, and fourth quarters of FY2010 (LANL 2010, 109955; LANL 2010, 110866; NMED 2011, 111677), 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 detected 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 western source area (Shafts 29 to 34) and the eastern source area (Shafts 1 to 28) (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 first quarter of FY2011. Vapor-monitoring activities were conducted from November 16 to December 22, 2010. Table 2.0-1 outlines the NMED-approved vapor-monitoring locations, port depths, and corresponding port 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 (or equivalent) to measure percent carbon dioxide ($\%CO_2$), percent oxygen ($\%O_2$) and VOC concentrations in parts per million using a photoionization detector (PID).
- 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 183 ports in 27 vapor-monitoring wells (Figure 1.1-2) were field screened for VOCs using the MultiRAE IR PID.
- A total of 102 pore-gas samples (82 characterization and 20 quality assurance/quality control [QA/QC]) were collected for VOC analysis from 82 ports in 24 vapor-monitoring wells.
- A total of 102 samples (83 characterization and 19 QA/QC) were collected for tritium analysis from 83 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 (FD) samples were collected at a minimum frequency of 1 for every 10 samples. The QA/QC and data validation review for MDA L pore-gas data is 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 4.0, and the pore-gas analytical results are discussed in section 5.0. Any deviations from the scope of activities outlined in the 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

Four ports listed for field screening within Table 2.0-1 were not field screened. Three of these ports were blocked and include vapor-monitoring wells 54-02016 at 18 ft bgs, 54-02023 at 120 ft bgs, and 54-02024 at 120 ft bgs. One port in vapor-monitoring well 54-02002 at 200 ft bgs was not field screened because of a sampler error. Field screening of these ports will be attempted again during future vapor monitoring.

Field screening and investigation samples were not taken from open borehole 54-23499 because the packer trailer and rigging required additional safety equipment that was not available during the sampling event. The required equipment will be available for the second quarter FY2011 sampling event.

Tritium and VOC samples were not collected from the 120 ft bgs port depth in vapor-monitoring wells 54-02023 and 54-02024. These two ports were blocked.

VOC data is not available for 300 ft bgs depth in vapor-monitoring well 54-02034. The SUMMA canister was damaged at the analytic laboratory; therefore, analytic services were not provided.

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 cleanup levels. 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' = 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/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/params_sl_table_bwrun_NOVEMBER2010.pdf). 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/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/master_sl_table_bwrun_NOVEMBER2010.pdf) 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.

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

First quarter of FY2011 field screening was conducted using a MultiRAE IR Multi-Gas Monitor (or equivalent) to measure $\%CO_2$, $\%O_2$, and VOC concentrations in parts per million using a PID. 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. A tabular summary of all field-screening results obtained during the second, third, and fourth quarters of FY2010 and the first quarter of FY2011 sampling events at MDA L is provided in Appendix D 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 first 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 first quarter FY2011 sampling. Data associated with previous three vapor-monitoring quarters (second, third, and fourth quarters of FY2010) are included for comparison purposes only.

A total of 25 VOCs were detected in MDA L pore-gas during the first quarter of FY2011 sampling activities, and the results are 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-dichlorothene, 1,2-dichloropropane, tetrachloroethene (PCE), 1,1,2-trichloro-1,2,2-trifluoroethane, 1,1,1-trichloroethane (TCA), trichloroethene (TCE), and trichlorofluoromethane (Freon-11). All VOC concentrations decrease with depth to total depth (TD) in the deepest port sampled (354 ft bgs in 54-27643).

The screening evaluation included the 25 detected VOCs in MDA L samples for which MCLs, NMWQCC standards, NMED tap water SLs, or EPA regional tap water SLs are available (Table 3.0-1). Ethanol 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 5.2-1 and discussed below. Thirteen detected VOCs had SVs greater than 1.

- Dichloroethane-1,2 was detected in 66 of 82 samples. An SV greater than 1 was observed in 65 samples. The maximum SV calculated was 2330 in vapor-monitoring well 54-24240 at 53 ft bgs.
- TCE was detected in 82 of 82 samples. An SV greater than 1 was observed in 80 samples. The maximum SV calculated was 550 in vapor-monitoring well 54-24240 at 28 ft bgs.
- Dioxane-1,4 was detected in 1 of 82 samples. All other samples were nondetects. An SV greater than 1 was observed in one sample. The SV calculated was 483 in vapor-monitoring well 54-24241 at 73 ft bgs.
- Dichloropropane-1,2 was detected in 70 of 82 samples. An SV greater than 1 was observed in 58 samples. The maximum SV calculated was 450 in vapor-monitoring well 54-02089 at 46 ft bgs.
- Methylene chloride was detected in 57 of 82 samples. An SV greater than 1 was observed in 47 samples. The maximum SV calculated was 231 in vapor-monitoring well 54-24238 at 64 ft bgs.
- PCE was detected in 82 of 82 samples. An SV greater than 1 was observed in 62 samples. The maximum SV calculated was 153 in vapor-monitoring well 54-24242 at 25 ft bgs.
- TCA was detected in 82 of 82 samples. An SV greater than 1 was observed in 69 samples. The maximum SV calculated was 66.2 in vapor-monitoring well 54-02089 at 46 ft bgs.
- Dichloroethene-1,1 was detected in 82 of 82 samples. An SV greater than 1 was observed in 62 samples. The maximum SV calculated was 12.5 in vapor-monitoring well 54-27642 at 75 ft bgs.
- Trichloroethane-1,1,2 was detected in 4 of 82 samples. An SV greater than 1 was observed in four samples. The maximum SV calculated was 12.4 in vapor-monitoring well 54-27642 at 75 ft bgs.
- Dichloroethane-1,1 was detected in 81 of 82 samples. An SV greater than 1 was observed in 50 samples. The maximum SV calculated was 11.7 in vapor-monitoring well 54-02089 at 46 ft bgs.
- Chloroform was detected in 80 of 82 samples. An SV greater than 1 was observed in 27 samples. The maximum SV calculated was 5.47 in vapor-monitoring well 54-27642 at 30 ft bgs.
- Benzene was detected in 32 of 82 samples. An SV greater than 1 was observed in 12 samples. The maximum SV calculated was 2.89 in vapor-monitoring well 54-27642 at 175 ft bgs.
- Carbon tetrachloride was detected in 66 of 82 samples. An SV greater than 1 was observed in 10 samples. The maximum SV calculated was 2.36 in vapor-monitoring well 54-24241 at 73 ft bgs.

SVs calculated during the first quarter of FY2011 were similar to SVs presented in previous quarterly PMRs. VOCs with SVs greater than 1 decrease in concentration with depth to TD in the deepest 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 first quarter of FY2011 and previous three vapor-monitoring quarters are summarized in tables and are provided on CD in Appendix D. Plate 2 shows tritium activities detected during the latest sampling quarter by vapor-monitoring well location. Tritium activities detected during the first quarter of FY2011 are similar to activities reported during previous sampling events. The maximum tritium activity reported was 259,000 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 the results with previously detected VOC concentrations and tritium activities beneath MDA L. The results of the most recent vapor-monitoring activities are similar to results reported during previous vapor-monitoring activities.

- A total of 25 VOCs were detected in the pore-gas beneath MDA L. Twelve of the 25 VOCs are consistently detected each quarter and at most locations at MDA L. VOC concentrations decrease with depth to TD in the deepest port sampled (354 ft bgs in 54-27643).
- Thirteen 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), July 2010. "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 2010," Los Alamos National Laboratory document LA-UR-10-3957, Los Alamos, New Mexico. (LANL 2010, 109955)

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)

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)

NMED (New Mexico Environment Department), January 24, 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," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M. Graham (LANL) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2011, 111677)

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.

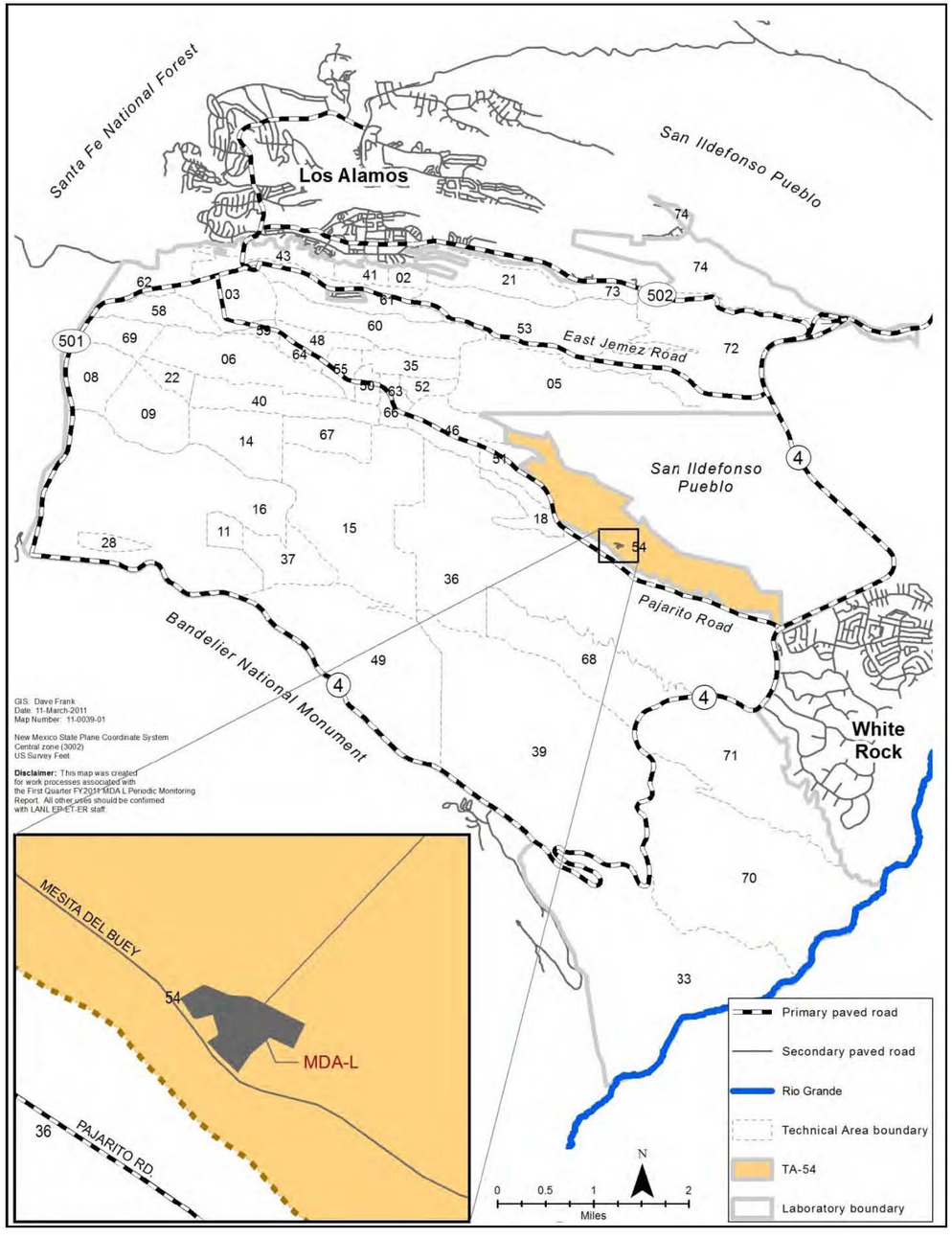

Figure 1.1-1 Location of MDA L in TA-54 with respect to Laboratory TAs and surrounding landholdings

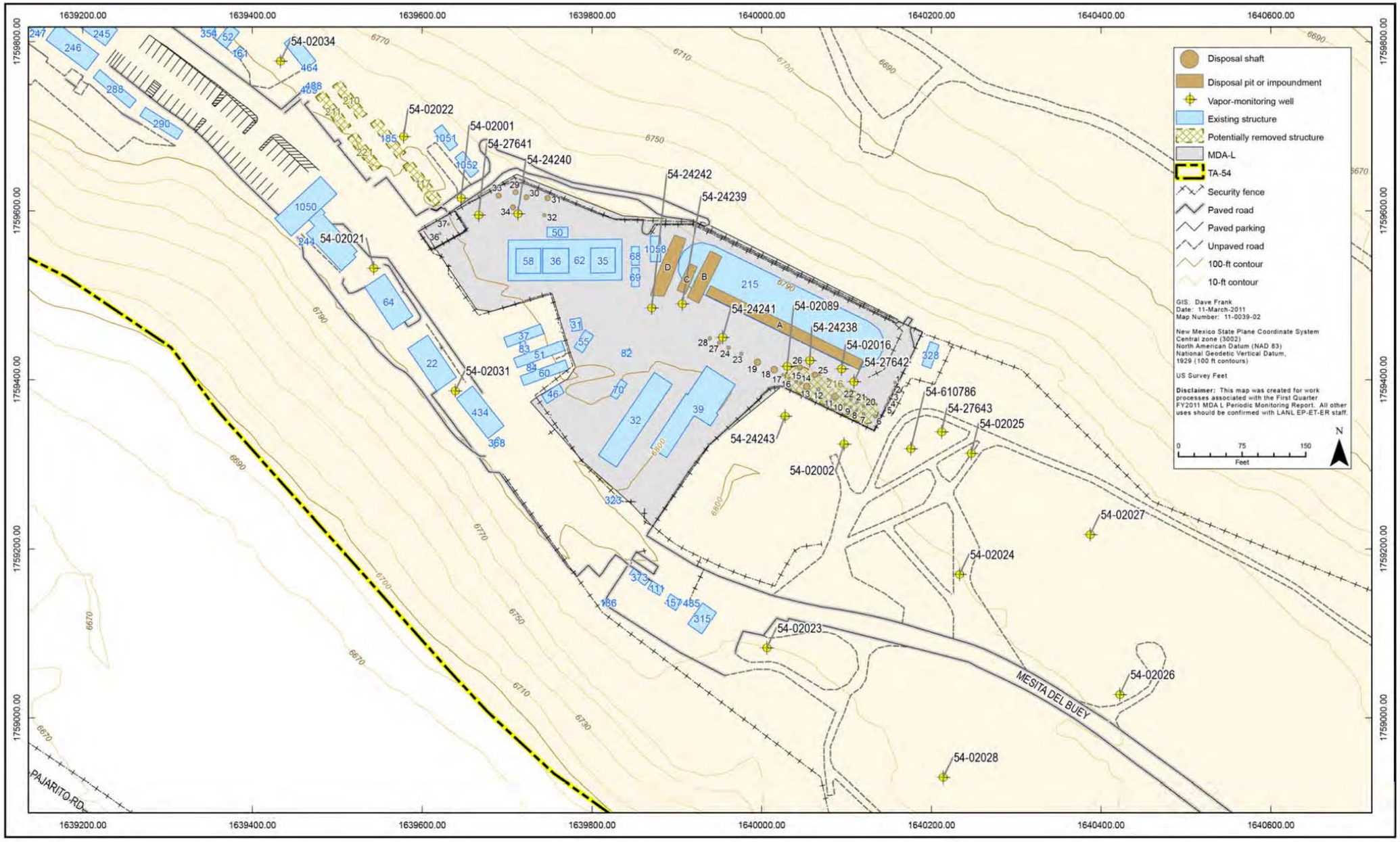

Figure 1.1-2 Locations of MDA L vapor-monitoring wells and associated structures and features

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), 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), **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), 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)**[b]
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)

Table 2.0-1 (continued)

Vapor-Monitoring Well ID	VOC and Tritium Sampling Port-Depth Interval (ft bgs)
54-24242	**25 (24–26)**, **50 (49–51)**, 75 (74–76), 100 (99–101), 110.5 (109.5–111.5)
54-24243	**25 (24–26)**, 50 (49–51), **75 (74–76)**, 100 (99–101), **125 (124–126)**
54-24244[c]	**25 (25)**, 50 (50), 75 (75), **100 (100)**, **118.5 (118.5)**
54-24399[d]	**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 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] Sample not collected during first quarter FY2011.

[c] Vapor-monitoring well 54-24244 was plugged and abandoned on January 14, 2010.

[d] Open borehole.

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

VOC	Henry's Law Constant[a] (dimensionless)	Groundwater SL (µg/L)	Calculated Concentrations in Pore Gas Corresponding to Groundwater Standard[b] (µg/m³)
Acetone	0.0016	21,800[a]	34,900
Benzene	0.228	5[c]	1140
Butanone[2-]	0.0023	7060[a]	16,200
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[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
Hexane	74	876[a]	64,800,000
Methylene Chloride	0.13	5[c]	650
Propylene	na	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]	42,300
Trichloroethane[1,1,2-]	0.034	5[c]	170
Trichloroethene	0.4	5[c]	2000
Trichlorofluoromethane	4	1290[a]	5,150,000
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 constants 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 5.2-1
Screening of VOCs in Pore Gas at MDA L, First 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]
Benzene	3300	1140	**2.89**
Carbon Tetrachloride	13,000	5500	**2.36**
Chlorobenzene	1400	13,000	0.108
Chloroform	82,000	15,000	**5.47**
Cyclohexane	27,000	79,300,000	0.00034
Dichlorodifluoromethane	13,000	5,524,324	0.00235
Dichloroethane[1,1-]	67,000	5750	**11.7**
Dichloroethane[1,2-]	560,000	240	**2330**
Dichloroethene[1,1-]	69,000	5500	**12.5**
Dichloroethene[trans-1,2-]	1800	38,000	0.0474
Dichloropropane[1,2-]	270,000	600	**450**
Dioxane[1,4-]	5900	12	**483**
Ethanol	8300	na[c]	na
Hexane	2300	64,824,000	0.0000355
Methylene Chloride	150,000	650	**231**
Tetrachloroethene	550,000	3600	**153**
Tetrahydrofuran	44,000	na	na
Toluene	14,000	204,000	0.0686
Trichloro-1,2,2-trifluoroethane[1,1,2-]	3,800,000	1,302,162,162	0.00292
Trichloroethane[1,1,1-]	2,800,000	42,300	**66.2**
Trichloroethane[1,1,2-]	2100	170	**12.4**
Trichloroethene	1,100,000	2000	**550**
Trichlorofluoromethane	26,000	5,152,941	0.00505
Xylene[1,2-]	2500	132,060	0.0189
Xylene[1,3-]+Xylene[1,4-]	1800	174,000	0.0103

[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 SL. SVs 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

B&K	Brüel and Kjær
bgs	below ground surface
COC	chain of custody
Consent Order	Compliance Order on Consent
DER	duplicate error ratio
EPA	Environmental Protection Agency (U.S.)
FY	fiscal year
ID	identification
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
ND	not detected
NS	not sampled
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
SOW	statement of work
SV	screening value
TA	technical area
TCA	1,1,1-trichloroethane
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(°*C*) + 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 first 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 Volatile Organic Compound Pore-Gas Field Screening

All volatile organic compound (VOC) samples were field screened in accordance with the current version of the SOP-5074, Sampling Subsurface Vapor. This procedure covers the use of the Brüel and Kjær (B&K) Type 1302 multigas analyzer and the MultiRAE IR Multi-Gas Detector (or equivalent). All field-screening results were recorded on the appropriate sample collection logs (SCLs), in the field logbook and/or in tables and are provided in Appendix D.

B-2.1.1 MultiRAE IR Multi-Gas Monitor (or Equivalent)

Before each sampling event, each sample port was purged of stagnant air and then monitored with a MultiRAE IR Multi-Gas Monitor (or equivalent) until the percent carbon dioxide (%CO_2) and percent oxygen (%O_2) levels stabilized at values representative of subsurface pore-gas conditions. In addition, VOC concentrations were estimated in parts per million using the MultiRAE IR 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 can also be calibrated by a two-point process that uses “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 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 used to generate the results presented in this periodic monitoring report.

- Unit 2603 was calibrated on October 22, 2010, at Geotech Environmental Equipment, Inc., in Denver, CO. 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. An alarm sounds if %O_2 exceeds a range from 19.5% to 23.5%, thereby identifying the need for calibration. The CO_2 reading should be near zero.

The vapor-sample tubing was purged of stagnant air by drawing sufficient air from the sampling interval through the line. To ensure 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 first quarter of FY2011 $\%CO_2$ and $\%O_2$ levels ranged from 0% to 54% and from 15.7% to 20.9%, respectively. These values 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 1713 ppm during the first 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 set-up along with a SUMMA canister. The information was recorded on the appropriate SCLs. Field chain-of-custody and SCLs are provided in Appendix D.

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. 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 (Appendix D). 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 grams 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 concentration 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 chain of custody (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 the samples were not left unattended.
Field QC Samples	Field quality control samples were collected as follows: Field duplicates were collected at a frequency of 10% 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 24 monitoring wells in accordance with the current version of SOP-5074 and 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 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 first 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 Los Alamos National Laboratory (LANL or the Laboratory) "Quality Assurance Project Plan Requirements for Sampling and Analysis" (LANL 1996, 054609) and the Laboratory's statement of work (SOW) for analytical services (LANL 2000, 071233). 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 SOW (LANL 2000, 071233). Other QC factors, such as sample preservation and holding times, were also assessed. The requirements for sample preservation and holding times are presented in the 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 Appendix D (Attachment D-1 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 Appendix D (Attachment D-1).

C-1.2 Sample Documentation

Establishing sample documentation acceptability, as described in WES-EDA-QP-210, 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 (light, pressure, temperature, etc.), chemical factors (changes in pH, volatilization, etc.), 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. Initial calibration verifies the accuracy of the calibration curve and the individual calibration standards being used to perform the calibration. Continuing calibration ensures 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 2000, 071233).

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 2000, 071233).

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 2000, 071233).

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 from $\geq$50% to $\leq$200% (LANL 2000, 071233).

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 2000, 071233).

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 = $|S - D|/\text{sqrt}\,[(2\sigma_S)^2 + (2\sigma_D)^2]$, 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 2000, 071233). The RPD is defined by the equation RPD = $[|D1 - D2|/(D1 + D2)/2] \times 100\%$, 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 the 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 [B&K]) operational check gas. The operational check gas is of known quantities of mixed organic analytes in nitrogen.

C-2.0 LABORATORY ANALYSIS SUMMARY

During the first quarter of FY2011, 82 VOC pore-gas samples, 10 field blank samples, and 10 field duplicate samples were collected at MDA L. Additionally, 83 tritium samples, 9 field blank samples, and 10 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 SOW (LANL 2000, 071233).

Sampling locations, sampling ports, and validated analytical results are presented in Appendix D of this periodic monitoring report. All VOC results are provided in Appendix D. 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 SOW (LANL 2000, 071233).

C-3.0 ORGANIC CHEMICAL ANALYSES

No VOC data were rejected during the first 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 detected VOC was qualified as J because the detected result was less the practical quantitation limit but greater than the method detection limit.

One detected VOC was qualified as J and 88 detected VOCs were qualified as UJ because the initial calibration verification and/or continuing calibration verification were recovered outside the method-specific limits.

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

Twenty-three VOCs was qualified as U because the mass spectrum did not meet specifications.

Twenty VOCs was qualified as UJ because the analytes were analyzed with an initial calibration curve that exceeded % relative standard deviation criteria and/or the associated multipoint calibration correlation coefficient is <0.995.

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

A total of 33 field blanks had detectable levels of VOCs. The maximum concentration detected in a field blank was 1,1,1-trichloroethane (4100 $\mu g/m^3$) from vapor monitoring well 54-24241 at 113 ft below ground surface (bgs).

C-4.0 RADIONUCLIDE ANALYSES

No tritium results were rejected during the first 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 tritium results were qualified as not detected (U) because the associated sample concentration was less than or equal to the minimum detectable activity.

Six tritium results were qualified as not detected (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.

Three field duplicates and their associated analytical samples had a relative percent difference (RPD) greater than 35%. Table C-4.0-1 summarizes the samples with RPDs greater than 35%. One field duplicate reported a high RPD of 200%. This field duplicate is being reanalyzed, and results will be presented in the second quarter FY2011 MDA L periodic monitoring report.

Five field blanks had detectable levels of tritium. The maximum activity detected in a field blank was 107,134 pCi/L in vapor-monitoring well 54-24240 at 153 ft bgs.

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), December 2000. "University of California, Los Alamos National Laboratory (LANL), I8980SOW0-8S, Statement of Work for Analytical Laboratories," Rev. 1, Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2000, 071233)

Table C-1.0-1
Data Validation Procedures

Procedure	Title	Effective Date
SOP-5161, Rev. 0	Routine Validation of Volatile Organic Compound (VOC) Analytical Data	6/10/2008
SOP-5166, Rev. 0	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 statement of work (LANL 2000, 071233)
EPA Method 906.0	Tritium in pore gas	Tritium

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

Borehole ID	Depth (ft bgs)	Analyte	Sample Standard Result (µg/m^3)	Field Duplicate Result (µg/m^3)	RPD
54-24239	25	Dichlorodifluoromethane	1100	1800	48.3
54-24241	113	Dichlorodifluoromethane	1600	1000	46.2

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

Borehole ID	Depth (ft bgs)	Sample Standard Result (pCi/L)	Field Duplicate Result (pCi/L)	RPD
54-02002	40	418.828	3321410	200
54-24238	64	2638.29	7298.57	93.8
54-24239	75	462.764	700.741	41

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 first quarter of fiscal year (FY) 2011. The tables listed below are included in this appendix and are organized by vapor-monitoring well IDs and depths.

- 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 report) presents the analytical suites and results and analytical reports for the current and the 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)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-01015	Ambient	Ambient	CO_2 (%)	NS[a]	NS	05/04/10	0	08/19/10	0	12/07/10	0.03
			O_2 (%)	NS	NS	05/04/10	20.1	08/19/10	18.8	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	36	46	CO_2 (%)	NS	NS	05/04/10	0	08/19/10	0.1	12/07/10	0.10
			O_2 (%)	NS	NS	05/04/10	20	08/19/10	18.9	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	182	192	CO_2 (%)	NS	NS	05/04/10	0	08/19/10	0.2	12/07/10	0.15
			O_2 (%)	NS	NS	05/04/10	19.4	08/19/10	18.9	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	3.0
	340	352	CO_2 (%)	NS	NS	05/04/10	0	8/19/10	0.1	12/07/10	0.05
			O_2 (%)	NS	NS	5/4/10	19.2	8/19/10	18.3	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	375	385	CO_2 (%)	NS	NS	05/04/10	0	08/19/10	0	12/07/10	0.05
			O_2 (%)	NS	NS	05/04/10	19.7	08/19/10	18.2	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	425	435	CO_2 (%)	NS	NS	05/04/10	0	08/19/10	0	12/07/10	0.05
			O_2 (%)	NS	NS	05/04/10	20.2	08/19/10	18.3	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	480	490	CO_2 (%)	NS	NS	05/04/10	0	08/19/10	0	12/07/10	0.05
			O_2 (%)	NS	NS	05/04/10	20.5	08/19/10	18.5	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	520	530	CO_2 (%)	NS	NS	05/04/10	0	08/19/10	0	12/07/10	0.04
			O_2 (%)	NS	NS	05/04/10	20.6	08/19/10	18.5	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0

Table D-1.0-1 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-01016	Ambient	Ambient	CO_2 (%)	NS	NS	05/05/10	0	08/24/10	0	12/07/10	0.03
			O_2 (%)	NS	NS	05/05/10	20.5	08/24/10	19.5	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	30	40	CO_2 (%)	NS	NS	05/05/10	0.2	08/24/10	0	12/07/10	0.25
			O_2 (%)	NS	NS	05/05/10	19.8	08/24/10	19.2	12/07/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	6.1
	178	190	CO_2 (%)	NS	NS	05/05/10	0.4	08/24/10	0.2	12/07/10	0.05
			O_2 (%)	NS	NS	05/05/10	19.1	08/24/10	18.8	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	318	324	CO_2 (%)	NS	NS	05/05/10	0.2	08/24/10	0	12/07/10	0.04
			O_2 (%)	NS	NS	05/05/10	19.4	08/24/10	18.8	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	386	396	CO_2 (%)	NS	NS	05/05/10	0	08/24/10	0	12/07/10	0.11
			O_2 (%)	NS	NS	05/05/10	19.5	08/24/10	19.2	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	473	483	CO_2 (%)	NS	NS	05/05/10	0	08/24/10	NS[b]	12/07/10	0.05
			O_2 (%)	NS	NS	05/05/10	19.9	08/24/10	NS[b]	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	530	540	CO_2 (%)	NS	NS	05/05/10	0	08/24/10	NS[b]	12/07/10	0.04
			O_2 (%)	NS	NS	05/05/10	20.2	08/24/10	NS[b]	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0
	592	602	CO_2 (%)	NS	NS	05/05/10	0	08/24/10	0	12/07/10	0.08
			O_2 (%)	NS	NS	05/05/10	19.9	08/24/10	19.3	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02001	Ambient	Ambient	CO_2 (%)	01/28/10	0.1	04/05/10	0	08/04/10	0	11/16/10	0.03
			O_2 (%)	01/28/10	20	04/05/10	22.6	08/04/10	19.8	11/16/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/16/10	0
	17.5	22.5	CO_2 (%)	01/28/10	0.5	04/05/10	0	08/04/10	1	11/16/10	0.50
			O_2 (%)	01/28/10	20	04/05/10	22.7	08/04/10	18.3	11/16/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/16/10	126
	37.5	42.5	CO_2 (%)	02/19/10	0	04/05/10	0	08/04/10	0.7	11/16/10	0.57
			O_2 (%)	02/19/10	20.7	04/05/10	22.7	08/04/10	18.3	11/16/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/16/10	158
	57.5	62.5	CO_2 (%)	02/19/10	0	04/05/10	0.9	08/04/10	0.7[b]	11/17/10	0.38
			O_2 (%)	02/19/10	20.8	04/05/10	21.9	08/04/10	18.2[b]	11/17/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	61.5
	77.5	82.5	CO_2 (%)	02/19/10	0	04/05/10	1.5	08/04/10	0.6	11/16/10	0.58
			O_2 (%)	02/19/10	20.9	04/05/10	20.3	08/04/10	18.5	11/16/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/16/10	138
	97.5	102.5	CO_2 (%)	02/19/10	0	04/05/10	1.4	08/04/10	0.5	11/17/10	0.82
			O_2 (%)	02/19/10	21.2	04/05/10	20.3	08/04/10	18.9	11/17/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	138
	117.5	122.5	CO_2 (%)	02/19/10	0	04/05/10	0.4	08/04/10	0	11/16/10	0.57
			O_2 (%)	02/19/10	21.4	04/05/10	20.9	08/04/10	19.5	11/16/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/16/10	78
	137.5	142.5	CO_2 (%)	02/19/10	0	04/05/10	0.4	08/04/10	0.4	11/16/10	0.51
			O_2 (%)	02/19/10	21.4	04/05/10	20.9	08/04/10	19.1	11/16/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/16/10	70.6

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02001	157.5	162.5	CO_2 (%)	02/19/10	0	04/05/10	0.4	08/04/10	0	11/17/10	0.48
			O_2 (%)	02/19/10	21.6	04/05/10	21	08/04/10	19.4	11/17/10	20.0
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	66.2
	177.5	182.5	CO_2 (%)	02/19/10	0[b]	04/05/10	0.6	08/04/10	NS[b]	11/17/10	0.37
			O_2 (%)	02/19/10	21.6[b]	04/05/10	20.9	08/04/10	NS[b]	11/17/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	87.1
	197.5	202.5	CO_2 (%)	02/19/10	0	04/05/10	0.7	08/04/10	0	11/17/10	0.45
			O_2 (%)	02/19/10	21.6	04/05/10	20.9	08/04/10	19.3	11/17/10	20.0
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	56.5
54-02002	Ambient	Ambient	CO_2 (%)	02/19/10	0	04/23/10	0	08/05/10	0	12/13/10	0.04
			O_2 (%)	02/19/10	21.2	04/23/10	21.1	08/05/10	18.9	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	0
	17.5	22.5	CO_2 (%)	02/19/10	0.9	04/23/10	0	08/05/10	0.9	12/13/10	0.04
			O_2 (%)	02/19/10	20.2	04/23/10	21	08/05/10	18.2	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	1.4
	37.5	42.5	CO_2 (%)	02/19/10	1.8	04/23/10	2	08/05/10	0.9	12/10/10	0.06
			O_2 (%)	02/19/10	19.6	04/23/10	19.5	08/05/10	18.1	12/10/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	14.9
	57.5	62.5	CO_2 (%)	02/19/10	2.3	04/23/10	2.4	08/05/10	1.3	12/13/10	0.46
			O_2 (%)	02/19/10	19.2	04/23/10	19.1	08/05/10	17.6	12/13/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	78.1
	77.5	82.5	CO_2 (%)	02/19/10	2.3	04/23/10	2.4[b]	08/05/10	1.3	12/13/10	0.0
			O_2 (%)	02/19/10	19.1	04/23/10	19[b]	08/05/10	17.6	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	85.4

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02002	97.5	102.5	CO_2 (%)	02/19/10	0	04/23/10	2	08/05/10	2.5	12/10/10	0.06
			O_2 (%)	02/19/10	21.1	04/23/10	19.3	08/05/10	17.6	12/10/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	14
	117.5	122.5	CO_2 (%)	02/19/10	0	04/23/10	1.6	08/05/10	0	12/10/10	0.05
			O_2 (%)	02/19/10	20.9	04/23/10	19.5	08/05/10	19.1	12/10/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	9
	137.5	142.5	CO_2 (%)	02/19/10	1.9	04/23/10	2.1	08/05/10	1.1	12/13/10	0.65
			O_2 (%)	02/19/10	19.3	04/23/10	19	08/05/10	17.5	12/13/10	20.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	78.6
	154.5	159.5	CO_2 (%)	02/19/10	1.6	04/23/10	1.8	08/05/10	0	12/13/10	0.57
			O_2 (%)	02/19/10	19.5	04/23/10	19.4	08/05/10	19.2	12/13/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	122
	177.5	182.5	CO_2 (%)	02/19/10	2	04/23/10	2.1[b]	08/05/10	1.1	12/10/10	0.05
			O_2 (%)	02/19/10	19.3	04/23/10	19.3[b]	08/05/10	17.9	12/10/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	8.4
	197.5	202.5	CO_2 (%)	02/19/10	1.3	04/23/10	1.5	08/05/10	0.8	NS[c]	NS[c]
			O_2 (%)	02/19/10	19.8	04/23/10	19.7	08/05/10	18.6	NS[c]	NS[c]
			PID (ppm)	NS	NS	NS	NS	NS	NS	NS[c]	NS[c]
54-02016	Ambient	Ambient	CO_2 (%)	01/26/10	0	04/20/10	0	07/27/10	0	11/29/10	0.03
			O_2 (%)	01/26/10	20.6	04/20/10	21.4	07/27/10	19.5	11/29/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/29/10	0
	15.5	20.5	CO_2 (%)	01/26/10	0[b]	04/20/10	0[b]	07/27/10	NS[b]	NS[b]	NS[b]
			O_2 (%)	01/26/10	20.6[b]	04/20/10	20.7[b]	07/27/10	NS[b]	NS[b]	NS[b]
			PID (ppm)	NS	NS	NS	NS	NS	NS	NS[b]	NS[b]

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02016	28.5	33.5	CO_2 (%)	01/26/10	3.6	04/20/10	3.3	07/27/10	2.1[d]	11/29/10	2.9
			O_2 (%)	01/26/10	17.3	04/20/10	18.2	07/27/10	16.1[d]	11/29/10	17.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/29/10	228
	79.5	84.5	CO_2 (%)	01/26/10	3	04/20/10	0	07/27/10	2.1	11/29/10	2.4
			O_2 (%)	01/26/10	17.6	04/20/10	21.3	07/27/10	15.6	11/29/10	17.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/29/10	208
54-02020	Ambient	Ambient	CO_2 (%)	02/11/10	0	04/29/10	0	08/23/10	0	12/20/10	0.04
			O_2 (%)	02/11/10	21.3	04/29/10	20.8	08/23/10	19.1	12/20/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	0
	10	30	CO_2 (%)	02/11/10	0.5	04/29/10	0.3	08/23/10	0.6	12/20/10	0.40
			O_2 (%)	02/11/10	21	04/29/10	20.4	08/23/10	18.6	12/20/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	15.8
	30	50	CO_2 (%)	02/11/10	0.6	04/29/10	0.3	08/23/10	0.5	12/20/10	0.41
			O_2 (%)	02/11/10	21	04/29/10	20.4	08/23/10	18.5	12/20/10	20.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	24
	50	70	CO_2 (%)	02/11/10	0.6	04/29/10	0.3	08/23/10	0.6	12/20/10	0.41
			O_2 (%)	02/11/10	21.1	04/29/10	20.4	08/23/10	19.3	12/20/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	29.7
	70	90	CO_2 (%)	02/11/10	0.6	04/29/10	0.3	08/24/10	0.6	12/20/10	0.39
			O_2 (%)	02/11/10	21.1	04/29/10	20.3	08/24/10	19.2	12/20/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	33.5
	90	100	CO_2 (%)	02/11/10	0.6	04/29/10	0.3	08/24/10	0.6	12/20/10	0.33
			O_2 (%)	02/11/10	21.1	04/29/10	20.1	08/24/10	19.1	12/20/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	30.9

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02020	110	130	CO_2 (%)	02/11/10	0.6	04/29/10	0.3	08/24/10	0.6	12/20/10	0.31
			O_2 (%)	02/11/10	21.2	04/29/10	20.1	08/24/10	18.9	12/20/10	20.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	34.1
	130	150	CO_2 (%)	02/11/10	0.6	04/29/10	0.3	08/24/10	0.5	12/20/10	0.31
			O_2 (%)	02/11/10	21.2	04/29/10	19.9	08/24/10	18.8	12/20/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	42.7
	150	170	CO_2 (%)	02/11/10	0.6	04/29/10	0.3	08/24/10	0.5	12/20/10	0.29
			O_2 (%)	02/11/10	21.1	04/29/10	19.9	08/24/10	18.8	12/20/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	37.8
	170	190	CO_2 (%)	02/11/10	0.5	04/29/10	0.3	08/24/10	0.5	12/20/10	0.38
			O_2 (%)	02/11/10	21.2	04/29/10	19.9	08/24/10	18.8	12/20/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	36.5
	190	210	CO_2 (%)	02/11/10	0.5	04/29/10	0.2	08/24/10	0.5	12/20/10	0.07
			O_2 (%)	02/11/10	21.3	04/29/10	19.9	08/24/10	18.8	12/20/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	5.2
54-02021	Ambient	Ambient	CO_2 (%)	02/12/10	0	04/01/10	0	07/28/10	0	11/17/10	0.03
			O_2 (%)	02/12/10	21.5	04/01/10	20.9	07/28/10	19.9	11/17/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	0
	10	30	CO_2 (%)	02/12/10	0.6	04/01/10	0.9	07/28/10	0.7	11/17/10	0.54
			O_2 (%)	02/12/10	21.2	04/01/10	20.8	07/28/10	18.9	11/17/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	5.9
	30	50	CO_2 (%)	02/12/10	0.6	04/01/10	0.9	07/28/10	0.6	11/17/10	0.41
			O_2 (%)	02/12/10	21.1	04/01/10	20.8	07/28/10	19	11/17/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	7.3

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02021	50	70	CO_2 (%)	02/12/10	0.6	04/01/10	0	07/28/10	0.6	11/17/10	0.40
			O_2 (%)	02/12/10	21.3	04/01/10	20.8	07/28/10	18.9	11/17/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	14.1
	70	90	CO_2 (%)	02/12/10	0.6	04/01/10	1	7/28/10	0.6[b]	11/17/10	0.36
			O_2 (%)	02/12/10	21.4	04/01/10	20.8	7/28/10	18.9[b]	11/17/10	20.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	19
	90	110	CO_2 (%)	02/12/10	0.6	04/01/10	1	07/28/10	0.6	11/17/10	0.53
			O_2 (%)	02/12/10	21.6	04/01/10	20.9	07/28/10	18.9	11/17/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	29.3
	110	130	CO_2 (%)	02/12/10	0.4	04/01/10	0.9	07/28/10	0.6[d]	11/17/10	0.42
			O_2 (%)	02/12/10	21.5	04/01/10	21	07/28/10	18.8[d]	11/17/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	18.6
	130	150	CO_2 (%)	02/12/10	0.6	04/01/10	0.9	07/28/10	0.6	11/17/10	0.53
			O_2 (%)	02/12/10	21.2	04/01/10	20.7	07/28/10	18.9	11/17/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	32.2
	150	170	CO_2 (%)	02/12/10	0	04/01/10	0.8	07/28/10	0.5	11/17/10	0.47
			O_2 (%)	02/12/10	21.9	04/01/10	20.7	07/28/10	18.7	11/17/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	30.4
	170	190	CO_2 (%)	02/12/10	0.5	04/01/10	0.9	07/28/10	0.6	11/17/10	0.52
			O_2 (%)	02/12/10	21.4	04/01/10	21	07/28/10	18.8	11/17/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	33.2
	190	210	CO_2 (%)	02/12/10	0.5	04/01/10	0.8	07/28/10	0	11/17/10	0.47
			O_2 (%)	02/12/10	21.4	04/01/10	21.1	07/28/10	19.1	11/17/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/17/10	30.8

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02022	Ambient	Ambient	CO_2 (%)	01/28/10	0	04/05/10	0	08/02/10	0	12/06/10	0.03
			O_2 (%)	01/28/10	20.3	04/05/10	21.1	08/02/10	19.7	12/06/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/06/10	0
	17.5	22.5	CO_2 (%)	01/28/10	0	04/05/10	0.5	08/02/10	1.2	12/07/10	0.36
			O_2 (%)	01/28/10	20.3	04/05/10	21.6	08/02/10	18	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	0.9
	37.5	42.5	CO_2 (%)	01/28/10	0	04/05/10	1.3	08/02/10	0.8	12/06/10	0.57
			O_2 (%)	01/28/10	20.3	04/05/10	21.2	08/02/10	18.6	12/06/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/06/10	28.9
	57.5	62.5	CO_2 (%)	01/28/10	0	04/05/10	1.2	08/02/10	0.7	12/07/10	0.85
			O_2 (%)	01/28/10	20.2	04/05/10	21.5	08/02/10	18.9	12/07/10	20
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	61.2
	77.5	82.5	CO_2 (%)	01/28/10	0	04/05/10	1.2	08/02/10	0.6	12/06/10	0.61
			O_2 (%)	01/28/10	20.1	04/05/10	21.7	08/02/10	18.9	12/06/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/06/10	60.5
	97.5	102.5	CO_2 (%)	01/28/10	0[d]	04/05/10	0.8	08/02/10	0.5	12/07/10	0.27
			O_2 (%)	01/28/10	20[d]	04/05/10	22	08/02/10	19	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	28.7
	117.5	122.5	CO_2 (%)	01/28/10	0	04/05/10	1	08/02/10	0.2	12/06/10	0.58
			O_2 (%)	01/28/10	19.9	04/05/10	22	08/02/10	19.1	12/06/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/06/10	66.3
	137.5	142.5	CO_2 (%)	01/28/10	0	04/05/10	0.9	08/02/10	0	12/06/10	0.48
			O_2 (%)	01/28/10	20	04/05/10	22.2	08/02/10	19.4	12/06/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/06/10	59

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
	157.5	162.5	CO_2 (%)	01/28/10	0	04/05/10	0.9	08/02/10	0	12/07/10	0.54
			O_2 (%)	01/28/10	19.9	04/05/10	22.2	08/02/10	19.4	12/07/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	51.6
	177.5	182.5	CO_2 (%)	01/28/10	0	04/05/10	0.8	08/02/10	0.4	12/07/10	0.36
			O_2 (%)	01/28/10	19.7	04/05/10	22.4	08/02/10	19	12/07/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	11.6
	197.5	202.5	CO_2 (%)	01/28/10	0	04/05/10	0.7	08/02/10	0.4	12/07/10	0.47
			O_2 (%)	01/28/10	19.7	04/05/10	22.6	08/02/10	19	12/07/10	20.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/07/10	37.1
54-02023	Ambient	Ambient	CO_2 (%)	02/09/10	0	04/28/10	0	08/05/10	0	12/16/10	0.04
			O_2 (%)	02/09/10	21.3	04/28/10	20.4	08/05/10	19.6	12/16/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	0.0
	10	30	CO_2 (%)	02/09/10	1.9	04/28/10	1.3	08/05/10	1	12/16/10	0.04
			O_2 (%)	02/09/10	19.9	04/28/10	19	08/05/10	18.3	12/16/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	0
	30	50	CO_2 (%)	02/09/10	1.8	04/28/10	1.2	08/05/10	0.9	12/16/10	0.33
			O_2 (%)	02/09/10	19.9	04/28/10	19	08/05/10	18.3	12/16/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	1.2
	50	70	CO_2 (%)	02/09/10	0.8	04/28/10	0	08/05/10	0.5	12/16/10	0.15
			O_2 (%)	02/09/10	20.4	04/28/10	20.2	08/05/10	18.5	12/16/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	4.6
	70	90	CO_2 (%)	02/09/10	1.3	04/28/10	1	08/05/10	0.7	12/16/10	0.49
			O_2 (%)	02/09/10	20.2	04/28/10	19.2	08/05/10	18.2	12/16/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	8.8

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02023	90	110	CO_2 (%)	02/09/10	1	04/28/10	0.9	08/05/10	0.7	12/16/10	0.37
			O_2 (%)	02/09/10	20.2	04/28/10	19.3	08/05/10	17.9	12/16/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	11.7
	110	130	CO_2 (%)	02/09/10	0[b]	04/28/10	NS[b]	08/05/10	0	12/16/10	NS[b]
			O_2 (%)	02/09/10	21.1[b]	04/28/10	NS[b]	08/05/10	18.3	12/16/10	NS[b]
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	NS[b]
	130	149	CO_2 (%)	02/09/10	0.9	04/28/10	0	08/05/10	0.6	12/16/10	0.08
			O_2 (%)	02/09/10	20.4	04/28/10	20.3	08/05/10	18.2	12/16/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	0.4
	149	169	CO_2 (%)	02/09/10	0.8	04/28/10	0	08/05/10	0.5	12/16/10	0.12
			O_2 (%)	02/09/10	20.4	04/28/10	20.3	08/05/10	18.2	12/16/10	20.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	0.7
	170	190	CO_2 (%)	02/09/10	1[d]	04/28/10	NS[b]	08/05/10	0.8	12/16/10	0.1
			O_2 (%)	02/09/10	20.3[d]	04/28/10	NS[b]	08/05/10	17.9	12/16/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	0.1
	190	210	CO_2 (%)	02/09/10	0.7	04/28/10	0	08/05/10	0.4	12/16/10	0.39
			O_2 (%)	02/09/10	20.5	04/28/10	20.3	08/05/10	18.1	12/16/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/16/10	20.3
54-02024	Ambient	Ambient	CO_2 (%)	02/10/10	0	04/28/10	0	08/10/10	0	12/14/10	0.04
			O_2 (%)	02/10/10	21.1	04/28/10	20.6	08/10/10	19.9	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	0.2
	10	30	CO_2 (%)	02/10/10	0.6	04/28/10	0.4	08/10/10	0.7	12/14/10	0.06
			O_2 (%)	02/10/10	20.7	04/28/10	19.5	08/10/10	19	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	0.7

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02024	30	50	CO_2 (%)	02/10/10	0.7	04/28/10	0.4	08/10/10	0.7	12/14/10	0.13
			O_2 (%)	02/10/10	20.5	04/28/10	19.7	08/10/10	18.8	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	2.8
	50	70	CO_2 (%)	02/10/10	0.7	04/28/10	0.4	08/10/10	0.6	12/14/10	0.16
			O_2 (%)	02/10/10	20.5	04/28/10	19.7	08/10/10	18.9	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	4.3
	70	90	CO_2 (%)	02/10/10	0.8	04/28/10	0.4	08/10/10	0.6	12/14/10	0.07
			O_2 (%)	02/10/10	20.3	04/28/10	19.8	08/10/10	18.9	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	1.9
	90	110	CO_2 (%)	02/10/10	0.8	04/28/10	0.4	08/10/10	0.6	12/14/10	0.27
			O_2 (%)	02/10/10	20.2	04/28/10	19.8	08/10/10	18.7	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	13.3
	110	130	CO_2 (%)	02/10/10	0.1[b]	04/28/10	NS[b]	08/10/10	NS[b]	12/14/10	NS[b]
			O_2 (%)	02/10/10	20.9[b]	04/28/10	NS[b]	08/10/10	NS[b]	12/14/10	NS[b]
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	NS[b]
	130	150	CO_2 (%)	02/10/10	0.8	04/28/10	0.4	08/10/10	0.4	12/14/10	0.13
			O_2 (%)	02/10/10	20.4	04/28/10	19.8	08/10/10	19.1	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	7.2
	150	170	CO_2 (%)	02/10/10	0.7	04/28/10	0	08/10/10	0.5	12/14/10	0.07
			O_2 (%)	02/10/10	20.2	04/28/10	20.4	08/10/10	18.3	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	2.3
	170	190	CO_2 (%)	02/10/10	0	04/28/10	0.04	08/10/10	0.5	12/14/10	0.13
			O_2 (%)	02/10/10	20.7	04/28/10	19.9	08/10/10	18.2	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	8.0

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02024	190	210	CO_2 (%)	02/10/10	0.6	04/28/10	0	08/10/10	0.4	12/14/10	0.09
			O_2 (%)	02/10/10	20.2	04/28/10	20.6	08/10/10	18.3	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	4.2
54-02025	Ambient	Ambient	CO_2 (%)	02/09/10	0	04/27/10	0	08/09/10	0	12/08/10	0.04
			O_2 (%)	02/09/10	21.2	04/27/10	21.4	08/09/10	19.5	12/08/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	0
	20	20	CO_2 (%)	02/09/10	0.7	04/27/10	1	08/09/10	0.5	12/08/10	0.58
			O_2 (%)	02/09/10	20.5	04/27/10	20.7	08/09/10	19	12/08/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	41.6
	60	60	CO_2 (%)	02/09/10	0.3	04/27/10	0.7	08/09/10	0.3	12/08/10	0.14
			O_2 (%)	02/09/10	20.9	04/27/10	20.9	08/09/10	19.2	12/08/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	6.3
	100	100	CO_2 (%)	02/09/10	0.9	04/27/10	1.2	08/09/10	0.5	12/08/10	0.70
			O_2 (%)	02/09/10	20.3	04/27/10	20.4	08/09/10	18.8	12/08/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	93.3
	160	160	CO_2 (%)	02/09/10	0.7	04/27/10	1.1	08/09/10	0.5	12/08/10	0.58
			O_2 (%)	02/09/10	20.5	04/27/10	20.2	08/09/10	18.7	12/08/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	99.1
	190	190	CO_2 (%)	02/09/10	0.5	04/27/10	0.9	08/09/10	0.5	12/08/10	0.48
			O_2 (%)	02/09/10	20.6	04/27/10	20.3	08/09/10	18.7	12/08/10	20.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	84.8
54-02026	Ambient	Ambient	CO_2 (%)	02/05/10	0	04/29/10	0	08/10/10	0	12/14/10	0.04
			O_2 (%)	02/05/10	21.4	04/29/10	20.1	08/10/10	19.4	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	0.1

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02026	20	20	CO_2 (%)	02/05/10	0.7	04/29/10	0.4	08/10/10	0.6	12/14/10	0.18
			O_2 (%)	02/05/10	20.9	04/29/10	19.8	08/10/10	19.1	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	0.3
	60	60	CO_2 (%)	02/05/10	0.8	04/29/10	0.3	08/10/10	0.5	12/14/10	0.14
			O_2 (%)	02/05/10	20.5	04/29/10	19.9	08/10/10	19.1	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	0.3
	100	100	CO_2 (%)	02/05/10	0	04/29/10	0.3	08/10/10	0.5	12/14/10	0.52
			O_2 (%)	02/05/10	20.8	04/29/10	19.9	08/10/10	19.1	12/14/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	2.9
	160	160	CO_2 (%)	02/05/10	0.7	04/29/10	0.3	08/10/10	0.4	12/14/10	0.43
			O_2 (%)	02/05/10	20.4	04/29/10	19.9	08/10/10	18.8	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	4.1
	200	200	CO_2 (%)	02/05/10	0.6	04/29/10	0	08/10/10	0.3	12/14/10	0.40
			O_2 (%)	02/05/10	20.4	04/29/10	20.4	08/10/10	18.8	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	4.1
	215	215	CO_2 (%)	02/05/10	0	04/29/10	0	08/10/10	0.2	12/14/10	0.32
			O_2 (%)	02/05/10	20.7	04/29/10	20	08/10/10	18.7	12/14/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/14/10	3.1
54-02027	Ambient	Ambient	CO_2 (%)	02/04/10	0	04/27/10	0	08/11/10	0	12/09/10	0.03
			O_2 (%)	02/04/10	21.5	04/27/10	21.8	08/11/10	19.6	12/09/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	0
	20	20	CO_2 (%)	02/04/10	0.6	04/27/10	0.8	08/11/10	0.5	12/09/10	0.44
			O_2 (%)	02/04/10	21.2	04/27/10	21.5	08/11/10	19.1	12/09/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	4.4

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02027	60	60	CO_2 (%)	02/04/10	0.7	04/27/10	0.8[d]	08/11/10	0.4	12/09/10	0.30
			O_2 (%)	02/04/10	20.7	04/27/10	21.6[d]	08/11/10	18.9	12/09/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	3.4
	100	100	CO_2 (%)	02/04/10	0.6	04/27/10	0.8	08/11/10	0.4	12/09/10	0.48
			O_2 (%)	02/04/10	20.6	04/27/10	21.6	08/11/10	18.8	12/09/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	15.5
	160	160	CO_2 (%)	02/04/10	0.6	04/27/10	0.7	08/11/10	0.3	12/09/10	0.41
			O_2 (%)	02/04/10	20.4	04/27/10	21.7	08/11/10	18.9	12/09/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	19
	200	200	CO_2 (%)	02/04/10	0.5	04/27/10	0.6	08/11/10	0.3	12/09/10	0.30
			O_2 (%)	02/04/10	20.4	04/27/10	21.5	08/11/10	18.9	12/09/10	20.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	12.4
	220	220	CO_2 (%)	02/04/10	0.5	04/27/10	0.6	08/11/10	0.1	12/09/10	0.23
			O_2 (%)	02/04/10	20.5	04/27/10	21.5	08/11/10	18.9	12/09/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	13.3
	250	250	CO_2 (%)	02/04/10	0.4	04/27/10	0.4	08/11/10	0.2	12/09/10	0.12
			O_2 (%)	02/04/10	20.5	04/27/10	21.6	08/11/10	18.9	12/09/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/09/10	5.3
54-02028	Ambient	Ambient	CO_2 (%)	02/10/10	0	04/27/10	0	08/12/10	0	12/15/10	0.03
			O_2 (%)	02/10/10	21.3	04/27/10	22.8	08/12/10	19.1	12/15/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	0.1
	20	20	CO_2 (%)	02/10/10	0.4	04/27/10	0.6	08/12/10	0.4	12/15/10	0.04
			O_2 (%)	02/10/10	21	04/27/10	22.8	08/12/10	18.2	12/15/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	0.3

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02028	60	60	CO_2 (%)	02/10/10	0.5	04/27/10	0.6	08/12/10	0.2	12/15/10	0.04
			O_2 (%)	02/10/10	20.9	04/27/10	23	08/12/10	17.8	12/15/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	0.2
	100	100	CO_2 (%)	02/10/10	0.5	04/27/10	0.7	08/12/10	0.3	12/15/10	0.18
			O_2 (%)	02/10/10	20.8	04/27/10	21.1	08/12/10	17.9	12/15/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	1.1
	160	160	CO_2 (%)	02/10/10	0.4	04/27/10	0.7	08/12/10	0.3	12/15/10	0.18
			O_2 (%)	02/10/10	20.7	04/27/10	21	08/12/10	18.2	12/15/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	1.9
	200	200	CO_2 (%)	02/10/10	0.4	04/27/10	0.6	08/12/10	0.2	12/15/10	0.29
			O_2 (%)	02/10/10	20.7	04/27/10	21	08/12/10	18.2	12/15/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	4.1
	220	220	CO_2 (%)	02/10/10	0.3	04/27/10	0.6	08/12/10	0.2	12/15/10	0.29
			O_2 (%)	02/10/10	20.8	04/27/10	21	08/12/10	18.2	12/15/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	3.8
	250	250	CO_2 (%)	02/10/10	0.2	04/27/10	0.5	08/12/10	0.2	12/15/10	0.06
			O_2 (%)	02/10/10	20.7	04/27/10	21	08/12/10	18.2	12/15/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/15/10	0
54-02031	Ambient	Ambient	CO_2 (%)	02/11/10	0	04/02/10	0.1	07/28/10	0	11/18/10	0.03
			O_2 (%)	02/11/10	21.4	04/02/10	21	07/28/10	19.3	11/18/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	0
	20	20	CO_2 (%)	02/11/10	1.3	04/02/10	1.7	07/28/10	1.1	11/18/10	1.5
			O_2 (%)	02/11/10	20.6	04/02/10	20.2	07/28/10	18.3	11/18/10	19.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	6.7

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02031	60	60	CO_2 (%)	02/11/10	0.9	04/02/10	1.4	07/28/10	0.6	11/18/10	0.86
			O_2 (%)	02/11/10	20.9	04/02/10	20.2	07/28/10	18.7	11/18/10	20
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	14.6
	100	100	CO_2 (%)	02/11/10	0.8	04/02/10	1.1	07/28/10	0.6	11/18/10	0.68
			O_2 (%)	02/11/10	21.1	04/02/10	20.1	07/28/10	19.1	11/18/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	23.7
	160	160	CO_2 (%)	02/11/10	0.7	04/02/10	1	07/28/10	0.5	11/18/10	0.61
			O_2 (%)	02/11/10	21.1	04/02/10	20	07/28/10	19	11/18/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	28.7
	200	200	CO_2 (%)	02/11/10	0.6	04/02/10	0.9	07/28/10	0.5	11/18/10	0.57
			O_2 (%)	02/11/10	21.1	04/02/10	19.9	07/28/10	18.9	11/18/10	20
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	24.2
	220	220	CO_2 (%)	02/11/10	0.7	04/02/10	0.1	07/28/10	0.6	11/18/10	0.54
			O_2 (%)	02/11/10	21.3	04/02/10	20.2	07/28/10	19	11/18/10	20
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	16.3
	260	260	CO_2 (%)	02/11/10	0.5	04/02/10	0.9	07/28/10	0.5	11/18/10	0.50
			O_2 (%)	02/11/10	20	04/02/10	19.8	07/28/10	19.1	11/18/10	19.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/18/10	17.3
54-02034	Ambient	Ambient	CO_2 (%)	02/12/10	0	04/02/10	0	08/02/10	0	11/23/10	0.03
			O_2 (%)	02/12/10	21.1	04/02/10	20.5	08/02/10	19.5	11/23/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	0
	20	20	CO_2 (%)	02/12/10	1.9	04/02/10	1	08/02/10	1.3	11/23/10	1.9
			O_2 (%)	02/12/10	20	04/02/10	20.1	08/02/10	18	11/23/10	19.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	2.5

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02034	60	60	CO_2 (%)	02/12/10	1	04/02/10	1.8	08/02/10	1.1	11/23/10	1.1
			O_2 (%)	02/12/10	20.2	04/02/10	19.7	08/02/10	17.9	11/23/10	19.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	3.9
	100	100	CO_2 (%)	02/12/10	0.6	04/02/10	0.6	08/02/10	0.7	11/23/10	0.82
			O_2 (%)	02/12/10	20.5	04/02/10	20.5	08/02/10	18.5	11/23/10	20
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	5.4
	160	160	CO_2 (%)	02/12/10	0.2	04/02/10	1.1	08/02/10	0.6	11/23/10	0.63
			O_2 (%)	02/12/10	20.8	04/02/10	20.2	08/02/10	18.6	11/23/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	4.5
	200	200	CO_2 (%)	02/12/10	0	04/02/10	0.9	08/02/10	0.5	11/23/10	0.53
			O_2 (%)	02/12/10	21.1	04/02/10	20	08/02/10	18.7	11/23/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	3.5
	220	220	CO_2 (%)	02/12/10	0.3	04/02/10	0.9	08/02/10	0	11/23/10	0.47
			O_2 (%)	02/12/10	20.9	04/02/10	20.1	08/02/10	19	11/23/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	2.8
	260	260	CO_2 (%)	02/12/10	0	04/02/10	0.7	08/02/10	0.4	11/23/10	0.37
			O_2 (%)	02/12/10	21.3	04/02/10	20.2	08/02/10	18.6	11/23/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	0.5
	300	300	CO_2 (%)	02/12/10	0	04/02/10	0.5	08/02/10	0.2	11/23/10	0.24
			O_2 (%)	02/12/10	21.1	04/02/10	20.4	08/02/10	18.9	11/23/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/23/10	0.1
54-02089	Ambient	Ambient	CO_2 (%)	01/26/10	0.2	04/20/10	0	07/29/10	0	11/19/10	NS[c]
			O_2 (%)	01/26/10	21	04/20/10	22.5	07/29/10	19.1	11/19/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/19/10	0

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-02089	13	13	CO_2 (%)	01/26/10	3.6	04/20/10	3.5	07/29/10	2.2	11/19/10	4.6
			O_2 (%)	01/26/10	18.5	04/20/10	18.8	07/29/10	16	11/19/10	16.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/19/10	327
	31	31	CO_2 (%)	01/26/10	3.7	04/20/10	4	07/29/10	2.9	11/19/10	3.9
			O_2 (%)	01/26/10	18	04/20/10	17.9	07/29/10	15.4	11/19/10	15.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/19/10	258
	46	46	CO_2 (%)	01/26/10	4	4/20/10	4	07/29/10	0	11/19/10	4.4
			O_2 (%)	01/26/10	17.6	4/20/10	17.7	07/29/10	19.7	11/19/10	15.7
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/19/10	477
	86	86	CO_2 (%)	01/26/10	1	04/20/10	3.6	07/29/10	2.8	11/19/10	3.4
			O_2 (%)	01/26/10	21	04/20/10	18.3	07/29/10	15.9	11/19/10	16.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/19/10	467
54-24238	Ambient	Ambient	CO_2 (%)	02/19/10	0	04/21/10	0	07/27/10	0	12/03/10	0.04
			O_2 (%)	02/19/10	21.8	04/21/10	21.3	07/27/10	19.2	12/03/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	0
	43	45	CO_2 (%)	02/19/10	0	04/21/10	3.5	07/27/10	3	12/03/10	2.5
			O_2 (%)	02/19/10	21.1	04/21/10	17.9	07/27/10	14.6	12/03/10	17.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	406
	63	65	CO_2 (%)	02/19/10	3.4	04/21/10	3.7	07/27/10	2.5	12/03/10	2.6
			O_2 (%)	02/19/10	17	04/21/10	17.7	07/27/10	15.1	12/03/10	17.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	461
	83	85	CO_2 (%)	02/19/10	3.2	04/21/10	2.9	07/27/10	2.1	12/03/10	2.5
			O_2 (%)	02/19/10	17.5	04/21/10	18.3	07/27/10	15.5	12/03/10	18.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	457

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-24239	Ambient	Ambient	CO_2 (%)	02/12/10	0	04/19/10	0	07/29/10	0	12/03/10	0.04
			O_2 (%)	02/12/10	21.5	04/19/10	21.6	07/29/10	19.6	12/03/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	0
	24	26	CO_2 (%)	02/12/10	1.5	04/19/10	1.9	07/29/10	1	12/03/10	1.2
			O_2 (%)	02/12/10	20.5	04/19/10	20.5	07/29/10	18.2	12/03/10	19.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	219
	49	51	CO_2 (%)	02/12/10	1.7	04/19/10	2	07/29/10	1	12/03/10	1.1
			O_2 (%)	02/12/10	20.2	04/19/10	20.2	07/29/10	17.9	12/03/10	19.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	252
	74	76	CO_2 (%)	02/12/10	1.7	04/19/10	1.9	07/29/10	1	12/03/10	0.82
			O_2 (%)	02/12/10	20.3	04/19/10	20.2	07/29/10	17.8	12/03/10	20
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	224
	98.5	100.5	CO_2 (%)	02/12/10	1.2	04/19/10	1.3	07/29/10	1	12/03/10	1.0
			O_2 (%)	02/12/10	20.8	04/19/10	20.4	07/29/10	17.7	12/03/10	19.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/03/10	294
54-24240	Ambient	Ambient	CO_2 (%)	02/12/10	0	04/19/10	0	08/03/10	0	11/30/10	0.03
			O_2 (%)	02/12/10	21.4	04/19/10	21.3	08/03/10	19.9	11/30/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	0.2
	27	29	CO_2 (%)	02/12/10	2.1	04/19/10	2.5	08/03/10	1.3	11/30/10	1.6
			O_2 (%)	02/12/10	19.6	04/19/10	19.3	08/03/10	17.7	11/30/10	19.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	1593
	52	54	CO_2 (%)	02/12/10	2.5	04/19/10	2.5	08/03/10	1.1	11/30/10	1.9
			O_2 (%)	02/12/10	19.4	04/19/10	19.1	08/03/10	17.8	11/30/10	18.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	1713

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-24240	77	79	CO_2 (%)	02/12/10	2	04/19/10	2.1	08/03/10	0.8	11/30/10	1.3
			O_2 (%)	02/12/10	19.9	04/19/10	19.4	08/03/10	18.3	11/30/10	19.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	876
	102	104	CO_2 (%)	02/12/10	1.5	04/19/10	1.7	08/03/10	0.6	11/30/10	0.99
			O_2 (%)	02/12/10	20.3	04/19/10	19.9	08/03/10	18.4	11/30/10	19.7
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	1600
	127	129	CO_2 (%)	02/12/10	1.3	04/19/10	1.5	08/03/10	0.6	11/30/10	0.90
			O_2 (%)	02/12/10	20.5	04/19/10	20.2	08/03/10	18.5	11/30/10	19.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	428
	152	154	CO_2 (%)	02/12/10	1	04/19/10	1.3	08/03/10	0.5	11/30/10	0.84
			O_2 (%)	02/12/10	20.8	04/19/10	20.2	08/03/10	18.4	11/30/10	19.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	342
54-24241	Ambient	Ambient	CO_2 (%)	02/11/10	0	04/20/10	0	08/03/10	0	11/30/10	0.03
			O_2 (%)	02/11/10	21.4	04/20/10	21.3	08/03/10	19.5	11/30/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	0
	71	74	CO_2 (%)	02/11/10	1	04/20/10	2.4	08/03/10	1.5	11/30/10	1.8
			O_2 (%)	02/11/10	20.2	04/20/10	19	08/03/10	16.9	11/30/10	18.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	565
	92	94	CO_2 (%)	02/11/10	1.2	04/20/10	2.2	08/03/10	1.3	11/30/10	1.5
			O_2 (%)	02/11/10	20.1	04/20/10	19.3	08/03/10	17.4	11/30/10	18.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	470
	112	114	CO_2 (%)	02/11/10	1.6	04/20/10	1	08/03/10	1.2	11/30/10	1.2
			O_2 (%)	02/11/10	19.7	04/20/10	20.3	08/03/10	17.5	11/30/10	19.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	279

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-24241	132	134	CO_2 (%)	02/11/10	1.2	04/20/10	1.6	08/03/10	0.9	11/30/10	1.1
			O_2 (%)	02/11/10	20.2	04/20/10	19.9	08/03/10	17.8	11/30/10	19.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	283
	152	154	CO_2 (%)	02/11/10	1	04/20/10	1.4	08/03/10	0.8	11/30/10	0.98
			O_2 (%)	02/11/10	20.4	04/20/10	19.9	08/03/10	18.1	11/30/10	19.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	269
	172	174	CO_2 (%)	02/11/10	1	04/20/10	0.7	08/03/10	0.8	11/30/10	0.65
			O_2 (%)	02/11/10	20.5	04/20/10	20.7	08/03/10	18.1	11/30/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	96.6
	192	194	CO_2 (%)	02/11/10	1.1	04/20/10	1.4	08/03/10	0.8	11/30/10	0.73
			O_2 (%)	02/11/10	20.4	04/20/10	20.2	08/03/10	18.1	11/30/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	11/30/10	188
54-24242	Ambient	Ambient	CO_2 (%)	02/12/10	0	04/20/10	0	08/04/10	0	12/02/10	0.03
			O_2 (%)	02/12/10	21.5	04/20/10	21.7	08/04/10	19.6	12/02/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	NS	NS[c]
	24	26	CO_2 (%)	02/12/10	1.3	04/20/10	1.5	08/04/10	1	12/02/10	1.2
			O_2 (%)	02/12/10	20.2	04/20/10	20.6	08/04/10	17.8	12/02/10	19.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/02/10	419
	49	51	CO_2 (%)	02/12/10	1.2	04/20/10	1.9	08/04/10	1.1	12/02/10	1.2
			O_2 (%)	02/12/10	20.7	04/20/10	20.4	08/04/10	17.6	12/02/10	19.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/02/10	312
	74	76	CO_2 (%)	02/12/10	1.3	04/20/10	1.9	08/04/10	1.1	12/02/10	0.67
			O_2 (%)	02/12/10	20.5	04/20/10	20.5	08/04/10	17.3	12/02/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/02/10	189

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-24242	99	101	CO_2 (%)	02/12/10	1.6	04/20/10	1.7	08/04/10	1	12/02/10	1.3
			O_2 (%)	02/12/10	20.3	04/20/10	21	08/04/10	17.8	12/02/10	19.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/02/10	554
	109.5	111.5	CO_2 (%)	02/12/10	0.9	04/20/10	1.9	08/04/10	1	12/02/10	0.24
			O_2 (%)	02/12/10	20.9	04/20/10	20.4	08/04/10	17.9	12/02/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/02/10	72.1
54-24243	Ambient	Ambient	CO_2 (%)	02/10/10	0	04/26/10	0	08/12/10	0	12/10/10	0.03
			O_2 (%)	02/10/10	21.2	04/26/10	21.4	08/12/10	19.4	12/10/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	0.1
	24	26	CO_2 (%)	02/10/10	1.9	04/26/10	2	08/12/10	1.3	12/10/10	1.3
			O_2 (%)	02/10/10	19.5	04/26/10	19.7	08/12/10	17.7	12/10/10	19.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	365
	49	51	CO_2 (%)	02/10/10	2.6	04/26/10	2.3	08/12/10	1.7	12/10/10	1.9
			O_2 (%)	02/10/10	18.4	04/26/10	19.3	08/12/10	16.8	12/10/10	18.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	420
	74	76	CO_2 (%)	02/10/10	2.5	04/26/10	1.9	08/12/10	1.7	12/10/10	1.8
			O_2 (%)	02/10/10	18.6	04/26/10	19.5	08/12/10	16.8	12/10/10	18.7
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	447
	99	101	CO_2 (%)	02/10/10	2.3	04/26/10	0.9	08/12/10	1.5	12/10/10	1.6
			O_2 (%)	02/10/10	18.9	04/26/10	20.4	08/12/10	17.5	12/10/10	18.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	437
	124	126	CO_2 (%)	02/10/10	2	04/26/10	0	08/12/10	1.1	12/10/10	1.5
			O_2 (%)	02/10/10	19.1	04/26/10	21.3	08/12/10	17.4	12/10/10	19.3
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/10/10	267

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-24399	Ambient	Ambient	CO_2 (%)	03/02/10	0	04/21/10	0	08/17/10	0	NS[e]	NS[e]
			O_2 (%)	03/02/10	21.5	04/21/10	21.5	08/17/10	19.6	NS[e]	NS[e]
			PID (ppm)	NS	NS	NS	NS	NS	NS	NS[e]	NS[e]
	550	608	CO_2 (%)	03/02/10	0	04/21/10	0.2	08/17/10	0	NS[e]	NS[e]
			O_2 (%)	03/02/10	21.1	04/21/10	21.5	08/17/10	19.5	NS[e]	NS[e]
			PID (ppm)	NS	NS	NS	NS	NS	NS	NS[e]	NS[e]
54-27641	Ambient	Ambient	CO_2 (%)	02/12/10	0	04/16/10	0	07/29/10	0	12/20/10	0.03
			O_2 (%)	02/12/10	21.5	04/16/10	22.3	07/29/10	20	12/20/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	0
	29.5	34.5	CO_2 (%)	02/12/10	1.6	04/16/10	1.7	07/29/10	1.1	12/20/10	1.3
			O_2 (%)	02/12/10	20.1	04/16/10	20.9	07/29/10	18.5	12/20/10	19.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	1563
	79.5	84.5	CO_2 (%)	02/12/10	1.2	04/16/10	1.5	07/29/10	0.8	12/20/10	0.84
			O_2 (%)	02/12/10	20.4	04/16/10	20.9	07/29/10	18.7	12/20/10	20
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	NS[c]
	112.5	117.5	CO_2 (%)	02/12/10	0.6	04/16/10	0	07/29/10	0.6	12/20/10	0.78
			O_2 (%)	02/12/10	20.8	04/16/10	22	07/29/10	18.5	12/20/10	20.1
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	338
	179.5	184.5	CO_2 (%)	02/12/10	0.4	04/16/10	0.9	07/29/10	0.6	12/20/10	0.64
			O_2 (%)	02/12/10	21.1	04/16/10	21.2	07/29/10	18.7	12/20/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	190
	229.5	234.5	CO_2 (%)	02/12/10	0.2	04/16/10	0.8	07/29/10	0.6	12/20/10	052
			O_2 (%)	02/12/10	21.4	04/16/10	21.2	07/29/10	18.7	12/20/10	20.2
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	118

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-27641	268.5	273.5	CO_2 (%)	02/12/10	0	04/16/10	0.6	07/29/10	0.5	12/20/10	0.40
			O_2 (%)	02/12/10	21.6	04/16/10	21.3	07/29/10	18.8	12/20/10	20.4
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	49.9
	330	335	CO_2 (%)	02/12/10	0	04/16/10	0.4	07/29/10	0.2	12/20/10	0.21
			O_2 (%)	02/12/10	21.6	04/16/10	21.6	07/29/10	18.9	12/20/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/20/10	5.1
54-27642	Ambient	Ambient	CO_2 (%)	01/26/10	0	04/16/10	0	07/29/10	0	12/01/10	0.03
			O_2 (%)	01/26/10	20.3	04/16/10	22.3	07/29/10	19.9	12/01/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	0
	27.5	32.5	CO_2 (%)	01/26/10	2.3	04/16/10	2.6	07/29/10	1.7	12/01/10	0.25
			O_2 (%)	01/26/10	19.1	04/16/10	19.5	07/29/10	17.4	12/01/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	325
	71.5	76.5	CO_2 (%)	01/26/10	1.7	04/16/10	2.4	07/29/10	0.4	12/01/10	0.07
			O_2 (%)	01/26/10	19.8	04/16/10	20	07/29/10	18.4	12/01/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	6
	114.5	119.5	CO_2 (%)	01/26/10	3.2	04/16/10	3.1	07/29/10	1.7	12/01/10	0.07
			O_2 (%)	01/26/10	17.6	04/16/10	18.9	07/29/10	16.3	12/01/10	20.7
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	14.7
	172.5	177.5	CO_2 (%)	01/26/10	1.7	04/16/10	1.4	07/29/10	0.8	12/01/10	0.05
			O_2 (%)	01/26/10	19.2	04/16/10	21	07/29/10	18.4	12/01/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	2.9
	232.5	237.5	CO_2 (%)	01/26/10	1.3	04/16/10	1.1	07/29/10	0.7	12/01/10	0.04
			O_2 (%)	01/26/10	19.6	04/16/10	21.5	07/29/10	18.5	12/01/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	3.8
	272.5	277.5	CO_2 (%)	01/26/10	0.9	04/16/10	0.8	07/27/10	0.5	12/01/10	0.89
			O_2 (%)	01/26/10	19.8	04/16/10	21.9	07/27/10	18.6	12/01/10	19.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	232

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-27642	335.5	340.5	CO_2 (%)	01/26/10	0.5	04/16/10	0.4	07/27/10	0.2	12/01/10	0.90
			O_2 (%)	01/26/10	20.2	04/16/10	22.4	07/27/10	19	12/01/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/01/10	233
54-27643	Ambient	Ambient	CO_2 (%)	02/09/10	0.3	04/26/10	0	08/16/10	0	12/13/10	0.04
			O_2 (%)	02/09/10	21.1	04/26/10	23.3	08/16/10	19.5	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	0
	27.5	32.5	CO_2 (%)	02/09/10	1	04/26/10	1	08/16/10	0.8	12/13/10	0.60
			O_2 (%)	02/09/10	20.2	04/26/10	22	08/16/10	18.3	12/13/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	58.9
	71.5	76.5	CO_2 (%)	02/09/10	1.4	04/26/10	1.2	08/16/10	0.8	12/13/10	0.52
			O_2 (%)	02/09/10	20	04/26/10	21.8	08/16/10	18.4	12/13/10	20.5
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	83.5
	114.5	119.5	CO_2 (%)	02/09/10	1	04/26/10	1.2	08/16/10	0.7	12/13/10	0.48
			O_2 (%)	02/09/10	20.1	04/26/10	21.5	8/16/10	18.5	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	91.9
	164.5	169.5	CO_2 (%)	02/09/10	0.9	04/26/10	1	08/16/10	0.6	12/13/10	0.32
			O_2 (%)	02/09/10	20.4	04/26/10	21.5	08/16/10	18.6	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	71.1
	232.5	237.5	CO_2 (%)	02/09/10	0	04/26/10	0.8	08/16/10	0.5	12/13/10	0.34
			O_2 (%)	02/09/10	21.1	04/26/10	21.7	08/16/10	18.8	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	83.9
	272.5	277.5	CO_2 (%)	02/09/10	0	04/26/10	0.7	08/16/10	0.4	12/13/10	0.39
			O_2 (%)	02/09/10	21	04/26/10	21.7	08/16/10	18.9	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	83.9

Table D-1.0-1 (continued)

Vapor Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Vapor Monitoring Well	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Date	Result	Date	Result	Date	Result	Date	Result
54-27643	351.5	356.5	CO_2 (%)	02/09/10	0	04/26/10	0.4	08/16/10	0.2	12/13/10	0.21
			O_2 (%)	02/09/10	21.1	04/26/10	21.7	08/16/10	19.1	12/13/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/13/10	21.6
54-610786	Ambient	Ambient	CO_2 (%)	02/05/10	0	04/26/10	0	08/20/10	0	12/08/10	0.04
			O_2 (%)	02/05/10	21.5	04/26/10	22.2	08/20/10	18.9	12/08/10	20.9
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	0
	22.5	27.5	CO_2 (%)	02/05/10	0.8	04/26/10	1.2	08/20/10	0.7	12/08/10	0.95
			O_2 (%)	02/05/10	20.7	04/26/10	21.0	08/20/10	18.1	12/08/10	19.7
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	83.9
	47.5	52.5	CO_2 (%)	02/05/10	1.5	04/26/10	1.5	08/20/10	0.7	12/08/10	1.1
			O_2 (%)	02/05/10	20.3	04/26/10	20.5	08/20/10	17.9	12/08/10	19.6
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	175
	72.5	77.5	CO_2 (%)	02/05/10	1.4	04/26/10	1.4	08/20/10	0.7	12/08/10	1.0
			O_2 (%)	02/05/10	20.6	04/26/10	20.6	08/20/10	18.0	12/08/10	19.7
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	207
	97.5	102.5	CO_2 (%)	02/05/10	1.2	04/26/10	1.3	08/20/10	0.7	12/08/10	0.92
			O_2 (%)	02/05/10	20.7	04/26/10	20.8	08/20/10	17.8	12/08/10	19.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	183
	116	121	CO_2 (%)	02/05/10	1	04/26/10	1.2	08/20/10	0.7	12/08/10	0.91
			O_2 (%)	02/05/10	20.7	04/26/10	21.2	08/20/10	17.9	12/08/10	19.8
			PID (ppm)	NS	NS	NS	NS	NS	NS	12/08/10	192

Note: 2nd, 3rd, and 4th Quarter FY2010 were sampled with a LANDTEC GEM 500 (or equivalent).

[a] NS = Not sampled

[b] Blocked port.

[c] Sampler error.

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

[e] 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	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	01/29/10	1100	04/05/10	1200	08/04/10	1700	11/16/10	2000
			Chloroform	01/29/10	2200	04/05/10	2600	08/04/10	3500	11/16/10	4500
			Dichlorodifluoromethane	01/29/10	1700	04/05/10	1900	08/04/10	3600	11/16/10	4800
			Dichloroethane[1,1-]	01/29/10	13000	04/05/10	13000	08/04/10	18000	11/16/10	21000
			Dichloroethane[1,2-]	01/29/10	33000	04/05/10	36000	08/04/10	49000	11/16/10	77000
			Dichloroethene[1,1-]	01/29/10	7300	04/05/10	6100	08/04/10	8700	11/16/10	11000
			Dichloropropane[1,2-]	01/29/10	1000	04/05/10	1300	08/04/10	1500	11/16/10	1700
			Hexane	01/29/10	ND	04/05/10	ND	08/04/10	610	11/16/10	650
			Methylene Chloride	01/29/10	4700	04/05/10	4600	08/04/10	6500	11/16/10	9600
			Tetrachloroethene	01/29/10	72000	04/05/10	91000	08/04/10	110000	11/16/10	120000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	21000	04/05/10	28000	08/04/10	39000	11/16/10	44000
			Trichloroethane[1,1,1-]	01/29/10	480000	04/05/10	550000	08/04/10	680000	11/16/10	730000
			Trichloroethene	01/29/10	230000	04/05/10	270000	08/04/10	350000	11/16/10	430000
			Trichlorofluoromethane	01/29/10	2500	04/05/10	3000	08/04/10	4600	11/16/10	6500
	77.5	82.5	Carbon Tetrachloride	01/29/10	740	04/16/10	2900	08/04/10	ND[a]	11/16/10	2000
			Chloroform	01/29/10	1300	04/16/10	6500	08/04/10	4900	11/16/10	5000
			Dichlorodifluoromethane	01/29/10	1000	04/16/10	4500	08/04/10	4100	11/16/10	5500
			Dichloroethane[1,1-]	01/29/10	6900	04/16/10	31000	08/04/10	23000	11/16/10	23000
			Dichloroethane[1,2-]	01/29/10	17000	04/16/10	86000	08/04/10	63000	11/16/10	87000
			Dichloroethene[1,1-]	01/29/10	5000	04/16/10	17000	08/04/10	13000	11/16/10	12000
			Dichloropropane[1,2-]	01/29/10	740	04/16/10	4000	08/04/10	2200	11/16/10	2000
			Hexane	01/29/10	ND	04/16/10	ND	08/04/10	940	11/16/10	650 (J)
			Methylene Chloride	01/29/10	4900	04/16/10	19000	08/04/10	14000	11/16/10	10000
			Tetrachloroethene	01/29/10	39000	04/16/10	220000	08/04/10	140000	11/16/10	130000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02001	77.5	82.5	Trichloro-1,2,2-trifluoroethane [1,1,2-]	01/29/10	9200	04/16/10	66000	08/04/10	44000	11/16/10	48000
			Trichloroethane[1,1,1-]	01/29/10	260000	04/16/10	1300000	08/04/10	890000	11/16/10	830000
			Trichloroethene	01/29/10	73000	04/16/10	440000	08/04/10	320000	11/16/10	440000
			Trichlorofluoromethane	01/29/10	1400	04/16/10	7300	08/04/10	5700	11/16/10	7100
	117.5	122.5	Acetone	01/29/10	ND	04/16/10	730	08/04/10	ND	11/16/10	ND
			Carbon Tetrachloride	01/29/10	580	04/16/10	280	08/04/10	ND	11/16/10	670
			Chloroform	01/29/10	1200	04/16/10	760	08/04/10	3400	11/16/10	2400
			Dichlorodifluoromethane	01/29/10	1100	04/16/10	540	08/04/10	2500	11/16/10	1700
			Dichloroethane[1,1-]	01/29/10	6100	04/16/10	3400	08/04/10	16000	11/16/10	11000
			Dichloroethane[1,2-]	01/29/10	11000	04/16/10	5200	08/04/10	29000	11/16/10	20000
			Dichloroethene[1,1-]	01/29/10	6100	04/16/10	2400	08/04/10	14000	11/16/10	11000
			Dichloropropane[1,2-]	01/29/10	920	04/16/10	430	08/04/10	2200	11/16/10	1500
			Methylene Chloride	01/29/10	5900	04/16/10	3000	08/04/10	14000	11/16/10	9300
			Tetrachloroethene	01/29/10	20000	04/16/10	20000	08/04/10	58000	11/16/10	32000
			Trichloro-1,2,2-trifluoroethane [1,1,2-]	01/29/10	6600	04/16/10	5100	08/04/10	21000	11/16/10	15000
			Trichloroethane[1,1,1-]	01/29/10	240000	04/16/10	150000	08/04/10	620000	11/16/10	390000
			Trichloroethene	01/29/10	53000	04/16/10	37000	08/04/10	140000	11/16/10	92000
			Trichlorofluoromethane	01/29/10	1200	04/16/10	840	08/04/10	3200	11/16/10	2300
	137.5	142.5	Carbon Tetrachloride	01/29/10	170	04/16/10	1100	08/04/10	1400	11/16/10	ND
			Chloroform	01/29/10	410	04/16/10	3500	08/04/10	4300	11/16/10	3500
			Dichlorodifluoromethane	01/29/10	360	04/16/10	2900	08/04/10	3200	11/16/10	2300
			Dichloroethane[1,1-]	01/29/10	2100	04/16/10	16000	08/04/10	20000	11/16/10	16000
			Dichloroethane[1,2-]	01/29/10	3800	04/16/10	33000	08/04/10	37000	11/16/10	30000
			Dichloroethene[1,1-]	01/29/10	1800	04/16/10	14000	08/04/10	17000	11/16/10	12000
			Dichloropropane[1,2-]	01/29/10	290	04/16/10	2400	08/04/10	3000	11/16/10	2300
			Methylene Chloride	01/29/10	2100	04/16/10	18000	08/04/10	20000	11/16/10	16000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Tetrachloroethene	01/29/10	7000	04/16/10	69000	08/04/10	74000	11/16/10	85000
			Trichloro-1,2,2-trifluoroethane [1,1,2-]	01/29/10	2300	04/16/10	21000	08/04/10	26000	11/16/10	22000
			Trichloroethane[1,1,1-]	01/29/10	81000	04/16/10	710000	08/04/10	800000	11/16/10	660000
			Trichloroethene	01/29/10	18000	04/16/10	150000	08/04/10	180000	11/16/10	170000
			Trichlorofluoromethane	01/29/10	430	04/16/10	3900	08/04/10	4300	11/16/10	3100
54-02002	37.5	42.5	Benzene	02/03/10	2600	04/23/10	2200	08/05/10	2200	12/10/10	2400
			Carbon Tetrachloride	02/03/10	5400	04/23/10	4100	08/05/10	4400	12/10/10	4500
			Chlorobenzene	02/03/10	1700	04/23/10	ND	08/05/10	1200	12/10/10	ND
			Chloroform	02/03/10	26000	04/23/10	21000	08/05/10	24000	12/10/10	27000
			Dichlorodifluoromethane	02/03/10	2000	04/23/10	ND	08/05/10	1800	12/10/10	3400
			Dichloroethane[1,1-]	02/03/10	14000	04/23/10	12000	08/05/10	13000	12/10/10	14000
			Dichloroethane[1,2-]	02/03/10	19000	04/23/10	16000	08/05/10	16000	12/10/10	18000
			Dichloroethene[1,1-]	02/03/10	44000	04/23/10	34000	08/05/10	38000	12/10/10	42000
			Dichloropropane[1,2-]	02/03/10	45000	04/23/10	34000	08/05/10	39000	12/10/10	42000
			Ethanol	02/03/10	4800	04/23/10	6600	08/05/10	5200	12/10/10	4800
			Hexane	02/03/10	980	04/23/10	ND	08/05/10	ND	12/10/10	ND
			Methylene Chloride	02/03/10	52000	04/23/10	50000	08/05/10	52000	12/10/10	60000
			Tetrachloroethene	02/03/10	37000	04/23/10	25000	08/05/10	30000	12/10/10	32000
			Tetrahydrofuran	02/03/10	1000	04/23/10	ND	08/05/10	900	12/10/10	ND
			Toluene	02/03/10	6800	04/23/10	6200	08/05/10	4100	12/10/10	6600
			Trichloro-1,2,2-trifluoroethane [1,1,2-]	02/03/10	230000	04/23/10	200000	08/05/10	260000	12/10/10	300000
			Trichloroethane[1,1,1-]	02/03/10	940000	04/23/10	840000	08/05/10	880000	12/10/10	970000
			Trichloroethene	02/03/10	260000	04/23/10	200000	08/05/10	220000	12/10/10	260000
			Trichlorofluoromethane	02/03/10	20000	04/23/10	17000	08/05/10	18000	12/10/10	22000
			Xylene[1,2-]	02/03/10	2600	04/23/10	ND	08/05/10	1900	12/10/10	ND
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	1600	04/23/10	ND	08/05/10	ND	12/10/10	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02002	97.5	102.5	Benzene	02/03/10	1600	04/23/10	ND	08/05/10	1300	12/10/10	2000
			Carbon Tetrachloride	02/03/10	4700	04/23/10	ND	08/05/10	3600	12/10/10	4900
			Chlorobenzene	02/03/10	1500	04/23/10	ND	08/05/10	1000	12/10/10	ND
			Chloroform	02/03/10	24000	04/23/10	22000	08/05/10	21000	12/10/10	38000
			Dichlorodifluoromethane	02/03/10	1600	04/23/10	ND	08/05/10	1500	12/10/10	3700
			Dichloroethane[1,1-]	02/03/10	17000	04/23/10	16000	08/05/10	15000	12/10/10	24000
			Dichloroethane[1,2-]	02/03/10	16000	04/23/10	16000	08/05/10	13000	12/10/10	22000
			Dichloroethene[1,1-]	02/03/10	35000	04/23/10	25000	08/05/10	26000	12/10/10	37000
			Dichloropropane[1,2-]	02/03/10	56000	04/23/10	52000	08/05/10	48000	12/10/10	78000
			Ethanol	02/03/10	5000	04/23/10	7100	08/05/10	4600	12/10/10	6400
			Methylene Chloride	02/03/10	34000	04/23/10	35000	08/05/10	31000	12/10/10	49000
			Tetrachloroethene	02/03/10	36000	04/23/10	30000	08/05/10	30000	12/10/10	47000
			Tetrahydrofuran	02/03/10	23000	04/23/10	21000	08/05/10	16000	12/10/10	22000
			Toluene	02/03/10	5800	04/23/10	5300	08/05/10	3900	12/10/10	6400
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	350000	04/23/10	340000	08/05/10	390000	12/10/10	720000
			Trichloroethane[1,1,1-]	02/03/10	1000000	04/23/10	1000000	08/05/10	900000	12/10/10	1400000
			Trichloroethene	02/03/10	240000	04/23/10	220000	08/05/10	200000	12/10/10	350000
			Trichlorofluoromethane	02/03/10	14000	04/23/10	12000	08/05/10	11000	12/10/10	18000
			Xylene[1,2-]	02/03/10	2200	04/23/10	ND	08/05/10	1500	12/10/10	2500
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	2100	04/23/10	ND	08/05/10	1200	12/10/10	ND
	117.5	122.5	Benzene	02/03/10	2200	04/23/10	1700	08/05/10	1800	12/10/10	2100
			Carbon Tetrachloride	02/03/10	5500	04/23/10	3300	08/05/10	4200	12/10/10	4500
			Chlorobenzene	02/03/10	1600	04/23/10	ND	08/05/10	1300	12/10/10	ND
			Chloroform	02/03/10	28000	04/23/10	20000	08/05/10	24000	12/10/10	28000
			Dichlorodifluoromethane	02/03/10	1900	04/23/10	ND	08/05/10	1600	12/10/10	3100
			Dichloroethane[1,1-]	02/03/10	17000	04/23/10	12000	08/05/10	15000	12/10/10	17000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	117.5	122.5	Dichloroethane[1,2-]	02/03/10	20000	04/23/10	15000	08/05/10	16000	12/10/10	20000
			Dichloroethene[1,1-]	02/03/10	40000	04/23/10	25000	08/05/10	33000	12/10/10	35000
			Dichloropropane[1,2-]	02/03/10	56000	04/23/10	43000	08/05/10	48000	12/10/10	56000
			Ethanol	02/03/10	5800	04/23/10	6400	08/05/10	5900	12/10/10	7600
			Hexane	02/03/10	740	04/23/10	ND	08/05/10	ND	12/10/10	ND
			Methylene Chloride	02/03/10	47000	04/23/10	37000	08/05/10	44000	12/10/10	51000
			Tetrachloroethene	02/03/10	38000	04/23/10	27000	08/05/10	31000	12/10/10	37000
			Tetrahydrofuran	02/03/10	8800	04/23/10	6400	08/05/10	6600	12/10/10	6700
			Toluene	02/03/10	5000	04/23/10	3600	08/05/10	4300	12/10/10	4500
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	300000	04/23/10	230000	08/05/10	330000	12/10/10	400000
			Trichloroethane[1,1,1-]	02/03/10	1100000	04/23/10	860000	08/05/10	940000	12/10/10	1100000
			Trichloroethene	02/03/10	260000	04/23/10	200000	08/05/10	220000	12/10/10	270000
			Trichlorofluoromethane	02/03/10	17000	04/23/10	12000	08/05/10	14000	12/10/10	18000
			Xylene[1,2-]	02/03/10	2400	04/23/10	ND	08/05/10	1800	12/10/10	2500
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	1400	04/23/10	ND	08/05/10	1200	12/10/10	ND
	177.5	182.5	Benzene	02/03/10	2300	NS[b]	NS	08/05/10	1800	12/10/10	2200
			Carbon Tetrachloride	02/03/10	5900	NS	NS	08/05/10	4100	12/10/10	5000
			Chlorobenzene	02/03/10	1700	NS	NS	08/05/10	1300	12/10/10	ND
			Chloroform	02/03/10	28000	NS	NS	08/05/10	22000	12/10/10	32000
			Dichlorodifluoromethane	02/03/10	1900	NS	NS	08/05/10	1600	12/10/10	3500
			Dichloroethane[1,1-]	02/03/10	18000	NS	NS	08/05/10	14000	12/10/10	19000
			Dichloroethane[1,2-]	02/03/10	22000	NS	NS	08/05/10	16000	12/10/10	22000
			Dichloroethene[1,1-]	02/03/10	42000	NS	NS	08/05/10	32000	12/10/10	40000
			Dichloropropane[1,2-]	02/03/10	60000	NS	NS	08/05/10	46000	12/10/10	61000
			Ethanol	02/03/10	6300	NS	NS	08/05/10	5700	12/10/10	8300
			Hexane	02/03/10	760	NS	NS	08/05/10	ND	12/10/10	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02002	177.5	182.5	Methylene Chloride	02/03/10	50000	NS	NS	08/05/10	43000	12/10/10	58000
			Tetrachloroethene	02/03/10	39000	NS	NS	08/05/10	30000	12/10/10	38000
			Tetrahydrofuran	02/03/10	7500	NS	NS	08/05/10	5400	12/10/10	6200
			Toluene	02/03/10	4800	NS	NS	08/05/10	3300	12/10/10	4300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	310000	NS	NS	08/05/10	310000	12/10/10	430000
			Trichloroethane[1,1,1-]	02/03/10	1100000	NS	NS	08/05/10	900000	12/10/10	1200000
			Trichloroethene	02/03/10	280000	NS	NS	08/05/10	220000	12/10/10	300000
			Trichlorofluoromethane	02/03/10	18000	NS	NS	08/05/10	14000	12/10/10	20000
			Xylene[1,2-]	02/03/10	2400	NS	NS	08/05/10	1600	12/10/10	2200
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	1000	NS	NS	08/05/10	ND	12/10/10	ND
	200	200	Benzene	NS	NS	04/23/10	2500	NS	NS	NS	NS
			Carbon Tetrachloride	NS	NS	04/23/10	4300	NS	NS	NS	NS
			Chloroform	NS	NS	04/23/10	19000	NS	NS	NS	NS
			Dichlorodifluoromethane	NS	NS	04/23/10	1900	NS	NS	NS	NS
			Dichloroethane[1,1-]	NS	NS	04/23/10	7300	NS	NS	NS	NS
			Dichloroethane[1,2-]	NS	NS	04/23/10	7900	NS	NS	NS	NS
			Dichloroethene[1,1-]	NS	NS	04/23/10	39000	NS	NS	NS	NS
			Dichloropropane[1,2-]	NS	NS	04/23/10	16000	NS	NS	NS	NS
			Hexane	NS	NS	04/23/10	1500	NS	NS	NS	NS
			Methylene Chloride	NS	NS	04/23/10	48000	NS	NS	NS	NS
			Tetrachloroethene	NS	NS	04/23/10	18000	NS	NS	NS	NS
			Toluene	NS	NS	04/23/10	4200	NS	NS	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	04/23/10	150000	NS	NS	NS	NS
			Trichloroethane[1,1,1-]	NS	NS	04/23/10	600000	NS	NS	NS	NS
			Trichloroethene	NS	NS	04/23/10	170000	NS	NS	NS	NS
			Trichlorofluoromethane	NS	NS	04/23/10	19000	NS	NS	NS	NS

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Carbon Tetrachloride	01/26/10	5900	04/20/10	ND	07/27/10	3300	11/29/10	3600
			Chloroform	01/26/10	23000	04/20/10	14000	07/27/10	16000	11/29/10	21000
			Dichlorodifluoromethane	01/26/10	3000	04/20/10	2800	07/27/10	4700	11/29/10	4700
			Dichloroethane[1,1-]	01/26/10	34000	04/20/10	22000	07/27/10	24000	11/29/10	29000
			Dichloroethane[1,2-]	01/26/10	340000	04/20/10	220000	07/27/10	230000	11/29/10	270000
			Dichloroethene[1,1-]	01/26/10	64000	04/20/10	30000	07/27/10	39000	11/29/10	37000
			Dichloropropane[1,2-]	01/26/10	54000	04/20/10	31000	07/27/10	36000	11/29/10	45000
			Tetrachloroethene	01/26/10	55000	04/20/10	25000	07/27/10	30000	11/29/10	40000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	1400000	04/20/10	890000	07/27/10	1000000	11/29/10	1300000
			Trichloroethane[1,1,1-]	01/26/10	1800000	04/20/10	1200000	07/27/10	1200000	11/29/10	1300000
			Trichloroethene	01/26/10	440000	04/20/10	260000	07/27/10	300000	11/29/10	390000
			Trichlorofluoromethane	01/26/10	11000	04/20/10	7200	07/27/10	8200	11/29/10	7200
	79.5	84.5	Carbon Tetrachloride	01/26/10	2400	04/20/10	ND	07/27/10	2400	11/29/10	3500
			Chloroform	01/26/10	4900	04/20/10	2800	07/27/10	6400	11/29/10	15000
			Dichlorodifluoromethane	01/26/10	1400	04/20/10	1400	07/27/10	3200	11/29/10	6100
			Dichloroethane[1,1-]	01/26/10	9900	04/20/10	6300	07/27/10	13000	11/29/10	27000
			Dichloroethane[1,2-]	01/26/10	17000	04/20/10	8100	07/27/10	22000	11/29/10	60000
			Dichloroethene[1,1-]	01/26/10	28000	04/20/10	15000	07/27/10	26000	11/29/10	46000
			Dichloropropane[1,2-]	01/26/10	8000	04/20/10	4000	07/27/10	11000	11/29/10	20000
			Tetrachloroethene	01/26/10	20000	04/20/10	12000	07/27/10	23000	11/29/10	28000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	730000	04/20/10	510000	07/27/10	720000	11/29/10	1900000
			Trichloroethane[1,1,1-]	01/26/10	730000	04/20/10	530000	07/27/10	880000	11/29/10	1400000
			Trichloroethene	01/26/10	140000	04/20/10	87000	07/27/10	200000	11/29/10	290000
			Trichlorofluoromethane	01/26/10	5100	04/20/10	3800	07/27/10	5800	11/29/10	8700

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Carbon Tetrachloride	01/27/10	ND	04/01/10	160	07/28/10	160	11/17/10	ND
			Chloroform	01/27/10	280	04/01/10	410	07/28/10	430	11/17/10	280
			Dichlorodifluoromethane	01/27/10	330	04/01/10	450	07/28/10	360	11/17/10	200
			Dichloroethane[1,1-]	01/27/10	1500	04/01/10	2100	07/28/10	2100	11/17/10	1400
			Dichloroethane[1,2-]	01/27/10	910	04/01/10	1400	07/28/10	1200	11/17/10	760
			Dichloroethene[1,1-]	01/27/10	2200	04/01/10	2700	07/28/10	2900	11/17/10	1500
			Dichloropropane[1,2-]	01/27/10	190	04/01/10	260	07/28/10	270	11/17/10	180
			Tetrachloroethene	01/27/10	2800	04/01/10	4600	07/28/10	4100	11/17/10	4300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	1800	04/01/10	2800	07/28/10	2600	11/17/10	1800
			Trichloroethane[1,1,1-]	01/27/10	62000	04/01/10	98000	07/28/10	100000	11/17/10	59000
			Trichloroethene	01/27/10	13000	04/01/10	20000	07/28/10	20000	11/17/10	15000
			Trichlorofluoromethane	01/27/10	350	04/01/10	560	07/28/10	550	11/17/10	270
	90	110	Carbon Tetrachloride	01/27/10	580	04/01/10	510	07/28/10	520	11/17/10	610
			Chloroform	01/27/10	1100	04/01/10	1200	07/28/10	1100	11/17/10	1400
			Dichlorodifluoromethane	01/27/10	1200	04/01/10	1200	07/28/10	1200	11/17/10	1100
			Dichloroethane[1,1-]	01/27/10	5600	04/01/10	5800	07/28/10	6300	11/17/10	6500
			Dichloroethane[1,2-]	01/27/10	6700	04/01/10	7400	07/28/10	6800	11/17/10	8000
			Dichloroethene[1,1-]	01/27/10	9000	04/01/10	7400	07/28/10	7600	11/17/10	9300
			Dichloropropane[1,2-]	01/27/10	900	04/01/10	920	07/28/10	980	11/17/10	1000
			Methylene Chloride	01/27/10	2200	04/01/10	2400	07/28/10	2600	11/17/10	2600
			Tetrachloroethene	01/27/10	9400	04/01/10	10000	07/28/10	10000	11/17/10	12000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	6900	04/01/10	7600	07/28/10	7700	11/17/10	8800
			Trichloroethane[1,1,1-]	01/27/10	260000	04/01/10	290000	07/28/10	280000	11/17/10	300000
			Trichloroethene	01/27/10	53000	04/01/10	56000	07/28/10	56000	11/17/10	59000
			Trichlorofluoromethane	01/27/10	1300	04/01/10	1400	07/28/10	1500	11/17/10	1500

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02021	110	130	Carbon Tetrachloride	NS	NS	04/01/10	360	07/28/10	400	11/17/10	510
			Chloroform	NS	NS	04/01/10	840	07/28/10	1000	11/17/10	1400
			Dichlorodifluoromethane	NS	NS	04/01/10	880	07/28/10	1100	11/17/10	1200
			Dichloroethane[1,1-]	NS	NS	04/01/10	3900	07/28/10	5000	11/17/10	6400
			Dichloroethane[1,2-]	NS	NS	04/01/10	4600	07/28/10	5500	11/17/10	7400
			Dichloroethene[1,1-]	NS	NS	04/01/10	5400	07/28/10	7400	11/17/10	10000
			Dichloropropane[1,2-]	NS	NS	04/01/10	580	07/28/10	780	11/17/10	970
			Methylene Chloride	NS	NS	04/01/10	2000	07/28/10	2600	11/17/10	3100
			Tetrachloroethene	NS	NS	04/01/10	6600	07/28/10	8100	11/17/10	11000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	04/01/10	5600	07/28/10	7500	11/17/10	9800
			Trichloroethane[1,1,1-]	NS	NS	04/01/10	200000	07/28/10	250000	11/17/10	290000
			Trichloroethene	NS	NS	04/01/10	39000	07/28/10	50000	11/17/10	58000
			Trichlorofluoromethane	NS	NS	04/01/10	1100	07/28/10	1400	11/17/10	1600
	130	150	Carbon Tetrachloride	01/27/10	780	04/01/10	580	07/28/10	600	11/17/10	610
			Chloroform	01/27/10	1300	04/01/10	1300	07/28/10	1200	11/17/10	1200
			Dichlorodifluoromethane	01/27/10	1500	04/01/10	1400	07/28/10	1600	11/17/10	1300
			Dichloroethane[1,1-]	01/27/10	6300	04/01/10	5700	07/28/10	5900	11/17/10	6100
			Dichloroethane[1,2-]	01/27/10	6400	04/01/10	6000	07/28/10	6000	11/17/10	6300
			Dichloroethene[1,1-]	01/27/10	12000	04/01/10	8700	07/28/10	9700	11/17/10	10000
			Dichloropropane[1,2-]	01/27/10	880	04/01/10	730	07/28/10	810	11/17/10	880
			Methylene Chloride	01/27/10	3600	04/01/10	3400	07/28/10	4100	11/17/10	3600
			Tetrachloroethene	01/27/10	10000	04/01/10	9700	07/28/10	9300	11/17/10	11000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	9600	04/01/10	9300	07/28/10	9200	11/17/10	9600
			Trichloroethane[1,1,1-]	01/27/10	310000	04/01/10	310000	07/28/10	300000	11/17/10	290000
			Trichloroethene	01/27/10	67000	04/01/10	60000	07/28/10	60000	11/17/10	62000
			Trichlorofluoromethane	01/27/10	1700	04/01/10	1700	07/28/10	1700	11/17/10	1600

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02021	150	170	Carbon Tetrachloride	01/27/10	450	NS	NS	NS	NS	NS	NS
			Chloroform	01/27/10	750	NS	NS	NS	NS	NS	NS
			Dichlorodifluoromethane	01/27/10	930	NS	NS	NS	NS	NS	NS
			Dichloroethane[1,1-]	01/27/10	3400	NS	NS	NS	NS	NS	NS
			Dichloroethane[1,2-]	01/27/10	2800	NS	NS	NS	NS	NS	NS
			Dichloroethene[1,1-]	01/27/10	7200	NS	NS	NS	NS	NS	NS
			Dichloropropane[1,2-]	01/27/10	410	NS	NS	NS	NS	NS	NS
			Methylene Chloride	01/27/10	2400	NS	NS	NS	NS	NS	NS
			Tetrachloroethene	01/27/10	5500	NS	NS	NS	NS	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	6000	NS	NS	NS	NS	NS	NS
			Trichloroethane[1,1,1-]	01/27/10	180000	NS	NS	NS	NS	NS	NS
			Trichloroethene	01/27/10	39000	NS	NS	NS	NS	NS	NS
			Trichlorofluoromethane	01/27/10	1000	NS	NS	NS	NS	NS	NS
54-02022	37.5	42.5	Chloroform	01/28/10	1400	04/05/10	1500	08/02/10	1300	12/06/10	1800
			Dichlorodifluoromethane	01/28/10	1300	04/05/10	1400	08/02/10	1200	12/06/10	1900
			Dichloroethane[1,1-]	01/28/10	8100	04/05/10	8300	08/02/10	7600	12/06/10	8300
			Dichloroethane[1,2-]	01/28/10	9000	04/05/10	9300	08/02/10	8100	12/06/10	9200
			Dichloroethene[1,1-]	01/28/10	7800	04/05/10	6500	08/02/10	6400	12/06/10	6600
			Dichloropropane[1,2-]	01/28/10	1100	04/05/10	1100	08/02/10	960	12/06/10	1300
			Methylene Chloride	01/28/10	340	04/05/10	330	08/02/10	270 (J)	12/06/10	ND
			Tetrachloroethene	01/28/10	22000	04/05/10	23000	08/02/10	22000	12/06/10	31000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	7000	04/05/10	8400	08/02/10	8500	12/06/10	10000
			Trichloroethane[1,1,1-]	01/28/10	360000	04/05/10	380000	08/02/10	340000	12/06/10	370000
			Trichloroethene	01/28/10	75000	04/05/10	75000	08/02/10	74000	12/06/10	91000
			Trichlorofluoromethane	01/28/10	1400	04/05/10	1600	08/02/10	1400	12/06/10	1700

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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)
54-02022	77.5	82.5	Chloroform	01/28/10	1500	04/05/10	1800	08/02/10	1600	12/06/10	2000
			Dichlorodifluoromethane	01/28/10	1500	04/05/10	1700	08/02/10	1500	12/06/10	2400
			Dichloroethane[1,1-]	01/28/10	8400	04/05/10	9400	08/02/10	8900	12/06/10	10000
			Dichloroethane[1,2-]	01/28/10	11000	04/05/10	13000	08/02/10	11000	12/06/10	14000
			Dichloroethene[1,1-]	01/28/10	8800	04/05/10	8400	08/02/10	8100	12/06/10	8700
			Dichloropropane[1,2-]	01/28/10	1200	04/05/10	1400	08/02/10	1300	12/06/10	2000
			Methylene Chloride	01/28/10	2000	04/05/10	2400	08/02/10	2000	12/06/10	2400
			Tetrachloroethene	01/28/10	18000	04/05/10	24000	08/02/10	22000	12/06/10	27000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	6800	04/05/10	8400	08/02/10	8600	12/06/10	12000
			Trichloroethane[1,1,1-]	01/28/10	380000	04/05/10	460000	08/02/10	410000	12/06/10	470000
			Trichloroethene	01/28/10	73000	04/05/10	85000	08/02/10	81000	12/06/10	98000
			Trichlorofluoromethane	01/28/10	1500	04/05/10	1900	08/02/10	1700	12/06/10	2200
	117.5	122.5	Chloroform	01/28/10	1800	04/05/10	2000	08/02/10	1800	12/06/10	1900
			Dichlorodifluoromethane	01/28/10	1900	04/05/10	1900	08/02/10	1700	12/06/10	2500
			Dichloroethane[1,1-]	01/28/10	9400	04/05/10	9800	08/02/10	9400	12/06/10	9200
			Dichloroethane[1,2-]	01/28/10	11000	04/05/10	12000	08/02/10	10000	12/06/10	11000
			Dichloroethene[1,1-]	01/28/10	13000	04/05/10	11000	08/02/10	11000	12/06/10	10000
			Dichloropropane[1,2-]	01/28/10	1400	04/05/10	1500	08/02/10	1400	12/06/10	1700
			Methylene Chloride	01/28/10	3000	04/05/10	3300	08/02/10	3000	12/06/10	2900
			Tetrachloroethene	01/28/10	14000	04/05/10	18000	08/02/10	18000	12/06/10	18000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	8200	04/05/10	9000	08/02/10	9000	12/06/10	9900
			Trichloroethane[1,1,1-]	01/28/10	470000	04/05/10	520000	08/02/10	460000	12/06/10	450000
			Trichloroethene	01/28/10	85000	04/05/10	92000	08/02/10	87000	12/06/10	89000
			Trichlorofluoromethane	01/28/10	1900	04/05/10	2200	08/02/10	1900	12/06/10	2100
	137.5	142.5	Chloroform	01/28/10	1500	04/05/10	1800	08/02/10	1600	12/06/10	1900
			Dichlorodifluoromethane	01/28/10	1700	04/05/10	2000	08/02/10	1700	12/06/10	2800

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02022	137.5	142.5	Dichloroethane[1,1-]	01/28/10	7300	04/05/10	8000	08/02/10	8000	12/06/10	8400
			Dichloroethane[1,2-]	01/28/10	6400	04/05/10	6900	08/02/10	6600	12/06/10	8100
			Dichloroethene[1,1-]	01/28/10	14000	04/05/10	13000	08/02/10	13000	12/06/10	13000
			Dichloropropane[1,2-]	01/28/10	1000	04/05/10	1000	08/02/10	980	12/06/10	1500
			Methylene Chloride	01/28/10	4800	04/05/10	5600	08/02/10	5400	12/06/10	6000
			Tetrachloroethene	01/28/10	10000	04/05/10	12000	08/02/10	12000	12/06/10	14000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	7500	04/05/10	9000	08/02/10	8800	12/06/10	11000
			Trichloroethane[1,1,1-]	01/28/10	400000	04/05/10	470000	08/02/10	430000	12/06/10	450000
			Trichloroethene	01/28/10	77000	04/05/10	84000	08/02/10	82000	12/06/10	87000
			Trichlorofluoromethane	01/28/10	1700	04/05/10	2100	08/02/10	2000	12/06/10	2300
54-02023	30	50	Carbon Tetrachloride	02/09/10	220	04/28/10	ND	08/05/10	210	12/16/10	220
			Chloroform	02/09/10	1600	04/28/10	1200	08/05/10	1600	12/16/10	1800
			Dichlorodifluoromethane	02/09/10	250	04/28/10	170	08/05/10	240	12/16/10	390
			Dichloroethane[1,1-]	02/09/10	520	04/28/10	400	08/05/10	550	12/16/10	580
			Dichloroethane[1,2-]	02/09/10	84	04/28/10	ND	08/05/10	78	12/16/10	ND
			Dichloroethene[1,1-]	02/09/10	2900	04/28/10	2300	08/05/10	2900	12/16/10	3200
			Dichloropropane[1,2-]	02/09/10	490	04/28/10	360	08/05/10	500	12/16/10	570
			Methylene Chloride	02/09/10	49	04/28/10	ND	08/05/10	50	12/16/10	ND
			Tetrachloroethene	02/09/10	1600	04/28/10	1200	08/05/10	1700	12/16/10	1800
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	13000	04/28/10	11000	08/05/10	14000	12/16/10	15000
			Trichloroethane[1,1,1-]	02/09/10	48000	04/28/10	38000	08/05/10	51000	12/16/10	56000
			Trichloroethene	02/09/10	14000	04/28/10	11000	08/05/10	14000	12/16/10	16000
			Trichlorofluoromethane	02/09/10	1800	04/28/10	1400	08/05/10	1800	12/16/10	2100
	90	110	Benzene	02/09/10	100	04/28/10	ND	08/05/10	130	12/16/10	130
			Carbon Tetrachloride	02/09/10	400	04/28/10	270	08/05/10	440	12/16/10	410
			Chloroform	02/09/10	2100	04/28/10	2000	08/05/10	2800	12/16/10	2800

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	90	110	Dichlorodifluoromethane	02/09/10	370	04/28/10	310	08/05/10	420	12/16/10	640
			Dichloroethane[1,1-]	02/09/10	710	04/28/10	600	08/05/10	960	12/16/10	910
			Dichloroethane[1,2-]	02/09/10	200	04/28/10	180	08/05/10	250	12/16/10	260
			Dichloroethene[1,1-]	02/09/10	4500	04/28/10	3600	08/05/10	5600	12/16/10	5400
			Dichloropropane[1,2-]	02/09/10	620	04/28/10	550	08/05/10	830	12/16/10	800
			Methylene Chloride	02/09/10	470	04/28/10	440	08/05/10	650	12/16/10	640
			Tetrachloroethene	02/09/10	2100	04/28/10	1900	08/05/10	3000	12/16/10	2600
			Toluene	02/09/10	94	04/28/10	ND	08/05/10	110	12/16/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	18000	04/28/10	18000	08/05/10	25000	12/16/10	24000
			Trichloroethane[1,1,1-]	02/09/10	64000	04/28/10	64000	08/05/10	86000	12/16/10	84000
			Trichloroethene	02/09/10	20000	04/28/10	19000	08/05/10	26000	12/16/10	26000
			Trichlorofluoromethane	02/09/10	2500	04/28/10	2400	08/05/10	3300	12/16/10	3400
	110	130	Trichloroethane[1,1,1-]	NS	NS	NS	NS	08/05/10	1200	NS	NS
			Trichloroethene	NS	NS	NS	NS	08/05/10	600	NS	NS
	130	149	Benzene	02/09/10	180	04/28/10	110	NS	NS	NS	NS
			Carbon Tetrachloride	02/09/10	630	04/28/10	360	NS	NS	NS	NS
			Chloroform	02/09/10	2400	04/28/10	1600	NS	NS	NS	NS
			Dichlorodifluoromethane	02/09/10	530	04/28/10	320	NS	NS	NS	NS
			Dichloroethane[1,1-]	02/09/10	770	04/28/10	490	NS	NS	NS	NS
			Dichloroethane[1,2-]	02/09/10	130	04/28/10	ND	NS	NS	NS	NS
			Dichloroethene[1,1-]	02/09/10	6200	04/28/10	3900	NS	NS	NS	NS
			Dichloropropane[1,2-]	02/09/10	510	04/28/10	320	NS	NS	NS	NS
			Methylene Chloride	02/09/10	220	04/28/10	160	NS	NS	NS	NS
			Tetrachloroethene	02/09/10	2300	04/28/10	1500	NS	NS	NS	NS
			Toluene	02/09/10	130	04/28/10	ND	NS	NS	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	24000	04/28/10	18000	NS	NS	NS	NS

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02023	130	149	Trichloroethane[1,1,1-]	02/09/10	74000	04/28/10	55000	NS	NS	NS	NS
			Trichloroethene	02/09/10	24000	04/28/10	17000	NS	NS	NS	NS
			Trichlorofluoromethane	02/09/10	3200	04/28/10	2400	NS	NS	NS	NS
	149	169	Benzene	02/09/10	210	04/28/10	170	08/05/10	250	12/16/10	200
			Carbon Tetrachloride	02/09/10	760	04/28/10	520	08/05/10	840	12/16/10	660
			Chloroform	02/09/10	2500	04/28/10	2100	08/05/10	3100	12/16/10	2600
			Dichlorodifluoromethane	02/09/10	630	04/28/10	470	08/05/10	660	12/16/10	840
			Dichloroethane[1,1-]	02/09/10	780	04/28/10	600	08/05/10	990	12/16/10	810
			Dichloroethane[1,2-]	02/09/10	130	04/28/10	ND	08/05/10	160	12/16/10	ND
			Dichloroethene[1,1-]	02/09/10	7000	04/28/10	5600	08/05/10	8400	12/16/10	6700
			Dichloropropane[1,2-]	02/09/10	470	04/28/10	360	08/05/10	600	12/16/10	530
			Methylene Chloride	02/09/10	510	04/28/10	490	08/05/10	720	12/16/10	490
			Tetrachloroethene	02/09/10	2500	04/28/10	2000	08/05/10	3200	12/16/10	2400
			Toluene	02/09/10	99	04/28/10	ND	08/05/10	140	12/16/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	28000	04/28/10	26000	08/05/10	35000	12/16/10	28000
			Trichloroethane[1,1,1-]	02/09/10	79000	04/28/10	71000	08/05/10	99000	12/16/10	82000
			Trichloroethene	02/09/10	26000	04/28/10	22000	08/05/10	32000	12/16/10	27000
			Trichlorofluoromethane	02/09/10	3600	04/28/10	3300	08/05/10	4500	12/16/10	4000
54-02024	30	50	Benzene	02/10/10	27	04/28/10	ND	08/10/10	66	12/14/10	69
			Carbon Tetrachloride	02/10/10	180	04/28/10	260	08/10/10	360	12/14/10	400
			Chloroform	02/10/10	1100	04/28/10	2100	08/10/10	2500	12/14/10	2900
			Cyclohexane	02/10/10	450	04/28/10	ND	08/10/10	ND	12/14/10	780
			Dichlorodifluoromethane	02/10/10	110	04/28/10	ND	08/10/10	210	12/14/10	260
			Dichloroethane[1,1-]	02/10/10	390	04/28/10	760	08/10/10	1000	12/14/10	1200
			Dichloroethane[1,2-]	02/10/10	120	04/28/10	230	08/10/10	250	12/14/10	330
			Dichloroethene[1,1-]	02/10/10	1400	04/28/10	2800	08/10/10	3100	12/14/10	3600

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02024	30	50	Dichloropropane[1,2-]	02/10/10	790	04/28/10	1500	08/10/10	2000	12/14/10	2300
			Tetrachloroethene	02/10/10	1200	04/28/10	2300	08/10/10	3000	12/14/10	3200
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	7300	04/28/10	16000	08/10/10	18000	12/14/10	19000
			Trichloroethane[1,1,1-]	02/10/10	30000	04/28/10	61000	08/10/10	74000	12/14/10	79000
			Trichloroethene	02/10/10	8000	04/28/10	16000	08/10/10	20000	12/14/10	21000
			Trichlorofluoromethane	02/10/10	980	04/28/10	2000	08/10/10	2100	12/14/10	2300
	90	110	Benzene	02/10/10	210	04/28/10	200	08/10/10	260	12/14/10	280
			Carbon Tetrachloride	02/10/10	720	04/28/10	590	08/10/10	820	12/14/10	840
			Chloroform	02/10/10	3900	04/28/10	4000	08/10/10	4900	12/14/10	5400
			Cyclohexane	02/10/10	1600	04/28/10	ND	08/10/10	2000	12/14/10	1500
			Dichlorodifluoromethane	02/10/10	420	04/28/10	370	08/10/10	420	12/14/10	550
			Dichloroethane[1,1-]	02/10/10	1300	04/28/10	1200	08/10/10	1700	12/14/10	2000
			Dichloroethane[1,2-]	02/10/10	720	04/28/10	750	08/10/10	870	12/14/10	1000
			Dichloroethene[1,1-]	02/10/10	5800	04/28/10	5200	08/10/10	6700	12/14/10	8200
			Dichloropropane[1,2-]	02/10/10	2500	04/28/10	2400	08/10/10	3200	12/14/10	3700
			Methylene Chloride	02/10/10	1200	04/28/10	1200	08/10/10	1400	12/14/10	1400
			Tetrachloroethene	02/10/10	4400	04/28/10	4200	08/10/10	5400	12/14/10	5800
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	28000	04/28/10	31000	08/10/10	36000	12/14/10	39000
			Trichloroethane[1,1,1-]	02/10/10	100000	04/28/10	120000	08/10/10	130000	12/14/10	150000
			Trichloroethene	02/10/10	30000	04/28/10	32000	08/10/10	37000	12/14/10	40000
			Trichlorofluoromethane	02/10/10	3900	04/28/10	4300	08/10/10	4700	12/14/10	5200
	130	150	Benzene	02/10/10	340	04/28/10	340	08/10/10	440	NS	NS
			Carbon Tetrachloride	02/10/10	860	04/28/10	750	08/10/10	1000	NS	NS
			Chloroform	02/10/10	4200	04/28/10	4400	08/10/10	5600	NS	NS
			Cyclohexane	02/10/10	1600	04/28/10	ND	08/10/10	ND	NS	NS
			Dichlorodifluoromethane	02/10/10	540	04/28/10	510	08/10/10	520	NS	NS

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02024	130	150	Dichloroethane[1,1-]	02/10/10	1200	04/28/10	1300	08/10/10	1700	NS	NS
			Dichloroethane[1,2-]	02/10/10	810	04/28/10	840	08/10/10	1000	NS	NS
			Dichloroethene[1,1-]	02/10/10	7300	04/28/10	7800	08/10/10	8100	NS	NS
			Dichloropropane[1,2-]	02/10/10	2100	04/28/10	2100	08/10/10	2800	NS	NS
			Methylene Chloride	02/10/10	3000	04/28/10	3600	08/10/10	3900	NS	NS
			Tetrachloroethene	02/10/10	4400	04/28/10	4300	08/10/10	5800	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	32000	04/28/10	37000	08/10/10	38000	NS	NS
			Trichloroethane[1,1,1-]	02/10/10	110000	04/28/10	110000	08/10/10	140000	NS	NS
			Trichloroethene	02/10/10	33000	04/28/10	34000	08/10/10	43000	NS	NS
			Trichlorofluoromethane	02/10/10	4500	04/28/10	5000	08/10/10	5100	NS	NS
	150	170	Benzene	02/10/10	450	04/28/10	420	08/10/10	500	12/14/10	500
			Carbon Tetrachloride	02/10/10	1000	04/28/10	880	08/10/10	1100	12/14/10	1000
			Chloroform	02/10/10	4900	04/28/10	5000	08/10/10	5700	12/14/10	5400
			Cyclohexane	02/10/10	1800	04/28/10	ND	08/10/10	ND	12/14/10	1400
			Dichlorodifluoromethane	02/10/10	660	04/28/10	600	08/10/10	570	12/14/10	700
			Dichloroethane[1,1-]	02/10/10	1400	04/28/10	1300	08/10/10	1600	12/14/10	1600
			Dichloroethane[1,2-]	02/10/10	910	04/28/10	960	08/10/10	940	12/14/10	1000
			Dichloroethene[1,1-]	02/10/10	9100	04/28/10	8400	08/10/10	8900	12/14/10	10000
			Dichloropropane[1,2-]	02/10/10	2200	04/28/10	2000	08/10/10	2600	12/14/10	2600
			Methylene Chloride	02/10/10	4700	04/28/10	5100	08/10/10	5300	12/14/10	4800
			Tetrachloroethene	02/10/10	4700	04/28/10	4500	08/10/10	5800	12/14/10	5100
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	38000	04/28/10	42000	08/10/10	41000	12/14/10	41000
			Trichloroethane[1,1,1-]	02/10/10	120000	04/28/10	130000	08/10/10	140000	12/14/10	130000
			Trichloroethene	02/10/10	37000	04/28/10	39000	08/10/10	43000	12/14/10	40000
			Trichlorofluoromethane	02/10/10	5400	04/28/10	6000	08/10/10	5400	12/14/10	5900

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Carbon Tetrachloride	02/02/10	1000	04/27/10	900	08/09/10	990	12/10/10	940
			Chloroform	02/02/10	5300	04/27/10	5600	08/09/10	6000	12/10/10	6400
			Dichlorodifluoromethane	02/02/10	340	04/27/10	ND	08/09/10	290	12/10/10	470
			Dichloroethane[1,1-]	02/02/10	2500	04/27/10	2600	08/09/10	2800	12/10/10	2700
			Dichloroethane[1,2-]	02/02/10	1000	04/27/10	1000	08/09/10	1100	12/10/10	1400
			Dichloroethene[1,1-]	02/02/10	5200	04/27/10	4400	08/09/10	4400	12/10/10	4500
			Dichloropropane[1,2-]	02/02/10	9200	04/27/10	8700	08/09/10	10000	12/10/10	10000
			Tetrachloroethene	02/02/10	9500	04/27/10	9700	08/09/10	10000	12/10/10	9800
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/02/10	53000	04/27/10	72000	08/09/10	64000	12/10/10	75000
			Trichloroethane[1,1,1-]	02/02/10	180000	04/27/10	210000	08/09/10	190000	12/10/10	190000
			Trichloroethane[1,1,2-]	02/02/10	ND	04/27/10	ND	08/09/10	290	12/10/10	ND
			Trichloroethene	02/02/10	38000	04/27/10	41000	08/09/10	41000	12/10/10	42000
			Trichlorofluoromethane	02/02/10	3500	04/27/10	4000	08/09/10	3000	12/10/10	3500
	100	100	Benzene	02/02/10	760	04/27/10	720	08/09/10	780	12/10/10	610
			Carbon Tetrachloride	02/02/10	2200	04/27/10	1700	08/09/10	1800	12/10/10	1600
			Chlorobenzene	02/02/10	460	04/27/10	ND	08/09/10	440	12/10/10	ND
			Chloroform	02/02/10	10000	04/27/10	12000	08/09/10	11000	12/10/10	11000
			Dichlorodifluoromethane	02/02/10	ND	04/27/10	ND	08/09/10	640	12/10/10	1000
			Dichloroethane[1,1-]	02/02/10	3700	04/27/10	4100	08/09/10	4300	12/10/10	3800
			Dichloroethane[1,2-]	02/02/10	5200	04/27/10	5600	08/09/10	5200	12/10/10	5100
			Dichloroethene[1,1-]	02/02/10	10000	04/27/10	12000	08/09/10	13000	12/10/10	11000
			Dichloropropane[1,2-]	02/02/10	17000	04/27/10	15000	08/09/10	16000	12/10/10	14000
			Ethanol	02/02/10	ND	04/27/10	ND	08/09/10	ND	12/10/10	1600
			Methylene Chloride	02/02/10	6600	04/27/10	6700	08/09/10	6200	12/10/10	5400
			Tetrachloroethene	02/02/10	15000	04/27/10	15000	08/09/10	14000	12/10/10	13000
			Tetrahydrofuran	02/02/10	1100	04/27/10	830	08/09/10	950	12/10/10	700

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/02/10	53000	04/27/10	81000	08/09/10	79000	12/10/10	75000
			Trichloroethane[1,1,1-]	02/02/10	320000	04/27/10	340000	08/09/10	320000	12/10/10	300000
			Trichloroethene	02/02/10	78000	04/27/10	84000	08/09/10	79000	12/10/10	72000
			Trichlorofluoromethane	02/02/10	8100	04/27/10	9800	08/09/10	7100	12/10/10	8600
			Xylene[1,2-]	02/02/10	730	04/27/10	ND	08/09/10	540	12/10/10	ND
	160	160	Benzene	02/02/10	1200	04/27/10	950	08/09/10	1300	12/10/10	1000
			Carbon Tetrachloride	02/02/10	2500	04/27/10	1900	08/09/10	2400	12/10/10	2000
			Chlorobenzene	02/02/10	460	04/27/10	ND	08/09/10	500	12/10/10	ND
			Chloroform	02/02/10	13000	04/27/10	12000	08/09/10	13000	12/10/10	12000
			Dichlorodifluoromethane	02/02/10	1100	04/27/10	ND	08/09/10	850	12/10/10	1400
			Dichloroethane[1,1-]	02/02/10	4000	04/27/10	3600	08/09/10	4200	12/10/10	3700
			Dichloroethane[1,2-]	02/02/10	5100	04/27/10	4500	08/09/10	5200	12/10/10	4900
			Dichloroethene[1,1-]	02/02/10	19000	04/27/10	16000	08/09/10	19000	12/10/10	17000
			Dichloropropane[1,2-]	02/02/10	14000	04/27/10	12000	08/09/10	14000	12/10/10	12000
			Ethanol	02/02/10	ND	04/27/10	ND	08/09/10	840	12/10/10	ND
			Hexane	02/02/10	310	04/27/10	ND	08/09/10	280	12/10/10	ND
			Methylene Chloride	02/02/10	16000	04/27/10	15000	08/09/10	19000	12/10/10	16000
			Tetrachloroethene	02/02/10	15000	04/27/10	13000	08/09/10	15000	12/10/10	14000
			Toluene	02/02/10	2000	04/27/10	1400	08/09/10	2100	12/10/10	1700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/02/10	84000	04/27/10	91000	08/09/10	94000	12/10/10	85000
			Trichloroethane[1,1,1-]	02/02/10	320000	04/27/10	320000	08/09/10	340000	12/10/10	310000
			Trichloroethene	02/02/10	91000	04/27/10	84000	08/09/10	95000	12/10/10	85000
			Trichlorofluoromethane	02/02/10	11000	04/27/10	11000	08/09/10	12000	12/10/10	11000
			Xylene[1,2-]	02/02/10	750	04/27/10	ND	08/09/10	780	12/10/10	680
			Xylene[1,3-]+Xylene[1,4-]	02/02/10	300	04/27/10	ND	08/09/10	320	12/10/10	ND

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Carbon Tetrachloride	02/05/10	35	04/29/10	33	08/10/10	ND	12/14/10	ND
			Chloroform	02/05/10	220	04/29/10	210	08/10/10	250	12/14/10	240
			Cyclohexane	02/05/10	ND	04/29/10	ND	08/10/10	ND	12/14/10	58
			Dichlorodifluoromethane	02/05/10	42	04/29/10	39	08/10/10	ND	12/14/10	ND
			Dichloroethane[1,1-]	02/05/10	44	04/29/10	38	08/10/10	47	12/14/10	49
			Dichloroethene[1,1-]	02/05/10	270	04/29/10	270	08/10/10	300	12/14/10	340
			Dichloropropane[1,2-]	02/05/10	42	04/29/10	30	08/10/10	40 (J)	12/14/10	ND
			Tetrachloroethene	02/05/10	220	04/29/10	200	08/10/10	250	12/14/10	240
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	1700	04/29/10	1900	08/10/10	2000	12/14/10	1800
			Trichloroethane[1,1,1-]	02/05/10	5800	04/29/10	5700	08/10/10	6100	12/14/10	5900
			Trichloroethene	02/05/10	1500	04/29/10	1500	08/10/10	1700	12/14/10	1600
			Trichlorofluoromethane	02/05/10	280	04/29/10	260	08/10/10	260	12/14/10	240
	100	100	Carbon Tetrachloride	02/05/10	140	04/29/10	86	08/10/10	110	12/14/10	100
			Chloroform	02/05/10	640	04/29/10	450	08/10/10	530	12/14/10	540
			Cyclohexane	02/05/10	ND	04/29/10	ND	08/10/10	ND	12/14/10	140
			Dichlorodifluoromethane	02/05/10	130	04/29/10	99	08/10/10	100	12/14/10	110
			Dichloroethane[1,1-]	02/05/10	120	04/29/10	81	08/10/10	100	12/14/10	120
			Dichloroethene[1,1-]	02/05/10	870	04/29/10	750	08/10/10	900	12/14/10	1000
			Dichloropropane[1,2-]	02/05/10	110	04/29/10	58	08/10/10	79	12/14/10	82
			Methylene Chloride	02/05/10	42	04/29/10	31	08/10/10	36	12/14/10	35
			Tetrachloroethene	02/05/10	590	04/29/10	410	08/10/10	540	12/14/10	500
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	5200	04/29/10	4500	08/10/10	5000	12/14/10	4800
			Trichloroethane[1,1,1-]	02/05/10	17000	04/29/10	12000	08/10/10	13000	12/14/10	13000
			Trichloroethene	02/05/10	4600	04/29/10	3300	08/10/10	3800	12/14/10	3700
			Trichlorofluoromethane	02/05/10	860	04/29/10	590	08/10/10	630	12/14/10	650

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Carbon Tetrachloride	02/05/10	230	04/29/10	150	08/10/10	170	12/14/10	170
			Chloroform	02/05/10	720	04/29/10	530	08/10/10	570	12/14/10	600
			Cyclohexane	02/05/10	ND	04/29/10	ND	08/10/10	ND	12/14/10	160
			Dichlorodifluoromethane	02/05/10	220	04/29/10	160	08/10/10	170	12/14/10	180
			Dichloroethane[1,1-]	02/05/10	140	04/29/10	95	08/10/10	110	12/14/10	120
			Dichloroethene[1,1-]	02/05/10	1400	04/29/10	1300	08/10/10	1400	12/14/10	1600
			Dichloropropane[1,2-]	02/05/10	71	04/29/10	38	08/10/10	56	12/14/10	57
			Methylene Chloride	02/05/10	260	04/29/10	180	08/10/10	210	12/14/10	200
			Tetrachloroethene	02/05/10	760	04/29/10	540	08/10/10	660	12/14/10	650
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	7700	04/29/10	6800	08/10/10	7200	12/14/10	7200
			Trichloroethane[1,1,1-]	02/05/10	22000	04/29/10	15000	08/10/10	16000	12/14/10	16000
			Trichloroethene	02/05/10	6200	04/29/10	4300	08/10/10	4800	12/14/10	4800
			Trichlorofluoromethane	02/05/10	1200	04/29/10	850	08/10/10	860	12/14/10	900
54-02027	20	20	Carbon Tetrachloride	02/04/10	84	04/27/10	ND	08/11/10	63	12/09/10	ND
			Chloroform	02/04/10	1000	04/27/10	830	08/11/10	1100	12/09/10	920
			Dichlorodifluoromethane	02/04/10	110	04/27/10	77	08/11/10	86	12/09/10	88
			Dichloroethane[1,1-]	02/04/10	230	04/27/10	180	08/11/10	240	12/09/10	220
			Dichloroethene[1,1-]	02/04/10	1200	04/27/10	890	08/11/10	1100	12/09/10	1000
			Dichloropropane[1,2-]	02/04/10	410	04/27/10	300	08/11/10	450	12/09/10	420
			Tetrachloroethene	02/04/10	980	04/27/10	730	08/11/10	1100	12/09/10	860
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/04/10	6700	04/27/10	5700	08/11/10	6600	12/09/10	5100
			Trichloroethane[1,1,1-]	02/04/10	24000	04/27/10	20000	08/11/10	25000	12/09/10	20000
			Trichloroethene	02/04/10	6000	04/27/10	5000	08/11/10	6200	12/09/10	5000
			Trichlorofluoromethane	02/04/10	940	04/27/10	790	08/11/10	880	12/09/10	720

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02027	100	100	Benzene	02/04/10	79	04/27/10	ND	08/11/10	110	12/09/10	100
			Carbon Tetrachloride	02/04/10	260	04/27/10	ND	08/11/10	330	12/09/10	260
			Chloroform	02/04/10	1900	04/27/10	2200	08/11/10	2900	12/09/10	2600
			Dichlorodifluoromethane	02/04/10	240	04/27/10	240	08/11/10	280	12/09/10	290
			Dichloroethane[1,1-]	02/04/10	420	04/27/10	450	08/11/10	640	12/09/10	620
			Dichloroethane[1,2-]	02/04/10	160	04/27/10	180	08/11/10	230	12/09/10	210
			Dichloroethene[1,1-]	02/04/10	2600	04/27/10	2700	08/11/10	3700	12/09/10	3700
			Dichloropropane[1,2-]	02/04/10	840	04/27/10	880	08/11/10	1300	12/09/10	1200
			Methylene Chloride	02/04/10	430	04/27/10	520	08/11/10	630	12/09/10	530
			Tetrachloroethene	02/04/10	1800	04/27/10	2000	08/11/10	2800	12/09/10	2300
			Toluene	02/04/10	45	04/27/10	ND	08/11/10	ND	12/09/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/04/10	14000	04/27/10	17000	08/11/10	21000	12/09/10	17000
			Trichloroethane[1,1,1-]	02/04/10	43000	04/27/10	52000	08/11/10	67000	12/09/10	59000
			Trichloroethene	02/04/10	12000	04/27/10	14000	08/11/10	18000	12/09/10	15000
			Trichlorofluoromethane	02/04/10	1800	04/27/10	2200	08/11/10	2700	12/09/10	2400
	200	200	Acetone	02/04/10	260	04/27/10	ND	08/11/10	ND	12/09/10	ND
			Benzene	02/04/10	320	04/27/10	170	08/11/10	280	12/09/10	200
			Carbon Tetrachloride	02/04/10	710	04/27/10	340	08/11/10	600	12/09/10	390
			Chloroform	02/04/10	2800	04/27/10	1600	08/11/10	2400	12/09/10	1700
			Dichlorodifluoromethane	02/04/10	610	04/27/10	320	08/11/10	570	12/09/10	390
			Dichloroethane[1,1-]	02/04/10	520	04/27/10	270	08/11/10	480	12/09/10	350
			Dichloroethane[1,2-]	02/04/10	130	04/27/10	ND	08/11/10	110	12/09/10	79
			Dichloroethene[1,1-]	02/04/10	6800	04/27/10	3800	08/11/10	6000	12/09/10	4800
			Dichloropropane[1,2-]	02/04/10	500	04/27/10	250	08/11/10	490	12/09/10	310
			Methylene Chloride	02/04/10	2900	04/27/10	1800	08/11/10	3000	12/09/10	1800
			Tetrachloroethene	02/04/10	2800	04/27/10	1400	08/11/10	2600	12/09/10	1600

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02027	200	200	Toluene	02/04/10	840	04/27/10	420	08/11/10	780	12/09/10	450
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/04/10	28000	04/27/10	16000	08/11/10	26000	12/09/10	17000
			Trichloroethane[1,1,1-]	02/04/10	63000	04/27/10	36000	08/11/10	56000	12/09/10	38000
			Trichloroethene	02/04/10	19000	04/27/10	11000	08/11/10	17000	12/09/10	11000
			Trichlorofluoromethane	02/04/10	3400	04/27/10	2000	08/11/10	3000	12/09/10	2200
54-02028	20	20	Carbon Tetrachloride	02/10/10	49	04/27/10	45	08/12/10	ND	12/15/10	ND
			Chloroform	02/10/10	340	04/27/10	300	08/12/10	320	12/15/10	290
			Cyclohexane	02/10/10	160	04/27/10	ND	08/12/10	ND	12/15/10	86
			Dichlorodifluoromethane	02/10/10	49	04/27/10	39	08/12/10	44	12/15/10	ND
			Dichloroethane[1,1-]	02/10/10	100	04/27/10	85	08/12/10	94	12/15/10	89
			Dichloroethene[1,1-]	02/10/10	460	04/27/10	390	08/12/10	430	12/15/10	460
			Dichloropropane[1,2-]	02/10/10	97	04/27/10	95	08/12/10	120	12/15/10	99
			Tetrachloroethene	02/10/10	330	04/27/10	330	08/12/10	440	12/15/10	350
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	2800	04/27/10	2700	08/12/10	2700	12/15/10	2300
			Trichloroethane[1,1,1-]	02/10/10	11000	04/27/10	9700	08/12/10	9400	12/15/10	8600
			Trichloroethene	02/10/10	2600	04/27/10	2600	08/12/10	2800	12/15/10	2400
			Trichlorofluoromethane	02/10/10	390	04/27/10	340	08/12/10	320	12/15/10	300
	100	100	Carbon Tetrachloride	02/10/10	97	04/27/10	77	08/12/10	94	12/15/10	93
			Chloroform	02/10/10	510	04/27/10	480	08/12/10	510	12/15/10	500
			Cyclohexane	02/10/10	200	04/27/10	ND	08/12/10	ND	12/15/10	140
			Dichlorodifluoromethane	02/10/10	110	04/27/10	91	08/12/10	95	12/15/10	93
			Dichloroethane[1,1-]	02/10/10	140	04/27/10	120	08/12/10	140	12/15/10	140
			Dichloroethene[1,1-]	02/10/10	930	04/27/10	820	08/12/10	920	12/15/10	1000
			Dichloropropane[1,2-]	02/10/10	120	04/27/10	99	08/12/10	120	12/15/10	120
			Methylene Chloride	02/10/10	85	04/27/10	84	08/12/10	100	12/15/10	85
			Tetrachloroethene	02/10/10	500	04/27/10	430	08/12/10	560	12/15/10	480

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02028	100	100	Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	4700	04/27/10	4700	08/12/10	5000	12/15/10	4500
			Trichloroethane[1,1,1-]	02/10/10	14000	04/27/10	14000	08/12/10	14000	12/15/10	13000
			Trichloroethene	02/10/10	4300	04/27/10	4200	08/12/10	4600	12/15/10	4100
			Trichlorofluoromethane	02/10/10	630	04/27/10	640	08/12/10	640	12/15/10	620
	160	160	Carbon Tetrachloride	02/10/10	160	04/27/10	140	08/12/10	150	12/15/10	140
			Chloroform	02/10/10	540	04/27/10	530	08/12/10	520	12/15/10	490
			Cyclohexane	02/10/10	240	04/27/10	ND	08/12/10	ND	12/15/10	150
			Dichlorodifluoromethane	02/10/10	180	04/27/10	160	08/12/10	150	12/15/10	150
			Dichloroethane[1,1-]	02/10/10	140	04/27/10	120	08/12/10	130	12/15/10	130
			Dichloroethene[1,1-]	02/10/10	1400	04/27/10	1300	08/12/10	1400	12/15/10	1400
			Dichloropropane[1,2-]	02/10/10	60	04/27/10	52	08/12/10	63	12/15/10	60
			Methylene Chloride	02/10/10	240	04/27/10	240	08/12/10	280	12/15/10	220
			Tetrachloroethene	02/10/10	560	04/27/10	500	08/12/10	570	12/15/10	510
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	6700	04/27/10	6800	08/12/10	6900	12/15/10	6000
			Trichloroethane[1,1,1-]	02/10/10	16000	04/27/10	16000	08/12/10	16000	12/15/10	14000
			Trichloroethene	02/10/10	5300	04/27/10	5100	08/12/10	5200	12/15/10	4500
			Trichlorofluoromethane	02/10/10	860	04/27/10	890	08/12/10	830	12/15/10	790
54-02031	20	20	Carbon Tetrachloride	01/27/10	150	04/02/10	240	07/28/10	190	11/18/10	180
			Chloroform	01/27/10	440	04/02/10	750	07/28/10	690	11/18/10	660
			Dichlorodifluoromethane	01/27/10	190	04/02/10	350	07/28/10	310	11/18/10	230
			Dichloroethane[1,1-]	01/27/10	760	04/02/10	1300	07/28/10	1200	11/18/10	1000
			Dichloroethane[1,2-]	01/27/10	170	04/02/10	290	07/28/10	240	11/18/10	ND
			Dichloroethene[1,1-]	01/27/10	1900	04/02/10	3200	07/28/10	3000	11/18/10	2500
			Dichloropropane[1,2-]	01/27/10	81	04/02/10	130	07/28/10	120	11/18/10	ND
			Tetrachloroethene	01/27/10	2200	04/02/10	4000	07/28/10	3600	11/18/10	3300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	2900	04/02/10	5700	07/28/10	5000	11/18/10	4100

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02031	20	20	Trichloroethane[1,1,1-]	01/27/10	38000	04/02/10	72000	07/28/10	63000	11/18/10	54000
			Trichloroethene	01/27/10	9600	04/02/10	17000	07/28/10	16000	11/18/10	13000
			Trichlorofluoromethane	01/27/10	380	04/02/10	770	07/28/10	570	11/18/10	480
	100	100	Carbon Tetrachloride	01/27/10	710	04/02/10	740	07/28/10	460	11/18/10	470
			Chloroform	01/27/10	1500	04/02/10	1700	07/28/10	1100	11/18/10	1200
			Dichlorodifluoromethane	01/27/10	790	04/02/10	850	07/28/10	520	11/18/10	510
			Dichloroethane[1,1-]	01/27/10	2900	04/02/10	3000	07/28/10	2000	11/18/10	2200
			Dichloroethane[1,2-]	01/27/10	1400	04/02/10	1600	07/28/10	1100	11/18/10	ND
			Dichloroethene[1,1-]	01/27/10	7900	04/02/10	7700	07/28/10	5400	11/18/10	6200
			Dichloropropane[1,2-]	01/27/10	380	04/02/10	390	07/28/10	310	11/18/10	ND
			Methylene Chloride	01/27/10	850	04/02/10	1000	07/28/10	690	11/18/10	700
			Tetrachloroethene	01/27/10	7800	04/02/10	9700	07/28/10	5600	11/18/10	6300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	14000	04/02/10	16000	07/28/10	11000	11/18/10	11000
			Trichloroethane[1,1,1-]	01/27/10	150000	04/02/10	180000	07/28/10	120000	11/18/10	120000
			Trichloroethene	01/27/10	39000	04/02/10	43000	07/28/10	28000	11/18/10	27000
			Trichlorofluoromethane	01/27/10	1700	04/02/10	2000	07/28/10	1300	11/18/10	1300
	160	160	Carbon Tetrachloride	01/27/10	770	04/02/10	870	07/28/10	660	11/18/10	560
			Chloroform	01/27/10	1300	04/02/10	1600	07/28/10	1300	11/18/10	1100
			Dichlorodifluoromethane	01/27/10	860	04/02/10	1200	07/28/10	1000	11/18/10	690
			Dichloroethane[1,1-]	01/27/10	2300	04/02/10	2800	07/28/10	2300	11/18/10	2200
			Dichloroethane[1,2-]	01/27/10	920	04/02/10	1100	07/28/10	970	11/18/10	ND
			Dichloroethene[1,1-]	01/27/10	8100	04/02/10	9500	07/28/10	7800	11/18/10	7000
			Dichloropropane[1,2-]	01/27/10	260	04/02/10	280	07/28/10	300	11/18/10	ND
			Methylene Chloride	01/27/10	1200	04/02/10	1700	07/28/10	1500	11/18/10	1200
			Tetrachloroethene	01/27/10	7100	04/02/10	10000	07/28/10	8200	11/18/10	6700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	16000	04/02/10	21000	07/28/10	17000	11/18/10	14000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02031	160	160	Trichloroethane[1,1,1-]	01/27/10	140000	04/02/10	190000	07/28/10	140000	11/18/10	120000
			Trichloroethene	01/27/10	37000	04/02/10	47000	07/28/10	40000	11/18/10	32000
			Trichlorofluoromethane	01/27/10	1900	04/02/10	2600	07/28/10	2000	11/18/10	1600
	260	260	Benzene	01/27/10	65	04/02/10	ND	07/28/10	65	11/18/10	86
			Carbon Tetrachloride	01/27/10	710	04/02/10	650	07/28/10	600	11/18/10	660
			Chloroform	01/27/10	830	04/02/10	790	07/28/10	720	11/18/10	960
			Dichlorodifluoromethane	01/27/10	970	04/02/10	890	07/28/10	810	11/18/10	990
			Dichloroethane[1,1-]	01/27/10	1300	04/02/10	1200	07/28/10	1200	11/18/10	1600
			Dichloroethane[1,2-]	01/27/10	270	04/02/10	220	07/28/10	270	11/18/10	ND
			Dichloroethene[1,1-]	01/27/10	8400	04/02/10	7600	07/28/10	7900	11/18/10	9700
			Dichloropropane[1,2-]	01/27/10	90	04/02/10	ND	07/28/10	100	11/18/10	ND
			Methylene Chloride	01/27/10	870	04/02/10	850	07/28/10	970	11/18/10	1100
			Tetrachloroethene	01/27/10	5600	04/02/10	5600	07/28/10	5700	11/18/10	6700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	17000	04/02/10	17000	07/28/10	16000	11/18/10	20000
			Trichloroethane[1,1,1-]	01/27/10	95000	04/02/10	96000	07/28/10	82000	11/18/10	110000
			Trichloroethene	01/27/10	28000	04/02/10	27000	07/28/10	26000	11/18/10	32000
			Trichlorofluoromethane	01/27/10	2000	04/02/10	2000	07/28/10	2000	11/18/10	2100
54-02034	20	20	Carbon Disulfide	01/29/10	ND	04/02/10	ND	08/02/10	54	11/23/10	ND
			Carbon Tetrachloride	01/29/10	ND	04/02/10	94	08/02/10	ND	11/23/10	ND
			Chloroform	01/29/10	120	04/02/10	62	08/02/10	120	11/23/10	120
			Dichlorodifluoromethane	01/29/10	ND	04/02/10	420	08/02/10	160	11/23/10	100
			Dichloroethane[1,1-]	01/29/10	360	04/02/10	280	08/02/10	380	11/23/10	310
			Dichloroethene[1,1-]	01/29/10	880	04/02/10	2300	08/02/10	880	11/23/10	740
			Methylene Chloride	01/29/10	ND	04/02/10	120	08/02/10	ND	11/23/10	ND
			Tetrachloroethene	01/29/10	580	04/02/10	450	08/02/10	660	11/23/10	580
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	560	04/02/10	1500	08/02/10	630	11/23/10	510

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02034	20	20	Trichloroethane[1,1,1-]	01/29/10	33000	04/02/10	30000	08/02/10	36000	11/23/10	28000
			Trichloroethene	01/29/10	5000	04/02/10	5300	08/02/10	5300	11/23/10	4500
			Trichlorofluoromethane	01/29/10	160	04/02/10	540	08/02/10	170	11/23/10	130
	60	60	Chloroform	01/29/10	160	04/02/10	190	08/02/10	200	11/23/10	150
			Dichlorodifluoromethane	01/29/10	220	04/02/10	240	08/02/10	220	11/23/10	190
			Dichloroethane[1,1-]	01/29/10	570	04/02/10	680	08/02/10	650	11/23/10	570
			Dichloroethane[1,2-]	01/29/10	190	04/02/10	230	08/02/10	210	11/23/10	190
			Dichloroethene[1,1-]	01/29/10	1300	04/02/10	1300	08/02/10	1300	11/23/10	1300
			Dichloropropane[1,2-]	01/29/10	46	04/02/10	51	08/02/10	ND	11/23/10	50
			Methylene Chloride	01/29/10	61	04/02/10	74	08/02/10	66	11/23/10	66
			Tetrachloroethene	01/29/10	680	04/02/10	870	08/02/10	880	11/23/10	700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	730	04/02/10	880	08/02/10	880	11/23/10	740
			Trichloroethane[1,1,1-]	01/29/10	43000	04/02/10	52000	08/02/10	50000	11/23/10	40000
			Trichloroethene	01/29/10	7400	04/02/10	8600	08/02/10	8400	11/23/10	6900
			Trichlorofluoromethane	01/29/10	210	04/02/10	260	08/02/10	240	11/23/10	200
	160	160	Acetone	01/29/10	ND	04/02/10	ND	08/02/10	96	11/23/10	ND
			Carbon Tetrachloride	01/29/10	53	04/02/10	85	08/02/10	81	11/23/10	74
			Chloroform	01/29/10	69	04/02/10	130	08/02/10	120	11/23/10	110
			Dichlorodifluoromethane	01/29/10	240	04/02/10	430	08/02/10	400	11/23/10	330
			Dichloroethane[1,1-]	01/29/10	290	04/02/10	530	08/02/10	530	11/23/10	460
			Dichloroethane[1,2-]	01/29/10	34	04/02/10	64	08/02/10	62	11/23/10	57
			Dichloroethene[1,1-]	01/29/10	1400	04/02/10	2400	08/02/10	2400	11/23/10	2200
			Methylene Chloride	01/29/10	100	04/02/10	200	08/02/10	200	11/23/10	170
			Tetrachloroethene	01/29/10	350	04/02/10	670	08/02/10	720	11/23/10	540
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	820	04/02/10	1500	08/02/10	1500	11/23/10	1300
			Trichloroethane[1,1,1-]	01/29/10	25000	04/02/10	47000	08/02/10	45000	11/23/10	38000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-02034	160	160	Trichloroethene	01/29/10	4700	04/02/10	8600	08/02/10	8600	11/23/10	7200
			Trichlorofluoromethane	01/29/10	280	04/02/10	530	08/02/10	490	11/23/10	390
	260	260	Carbon Tetrachloride	01/29/10	ND	04/02/10	43	08/02/10	ND	11/23/10	ND
			Cyclohexane	01/29/10	ND	04/02/10	ND	08/02/10	110	11/23/10	ND
			Dichlorodifluoromethane	01/29/10	ND	04/02/10	250	08/02/10	200	11/23/10	200
			Dichloroethane[1,1-]	01/29/10	ND	04/02/10	23	08/02/10	ND	11/23/10	ND
			Dichloroethene[1,1-]	01/29/10	ND	04/02/10	910	08/02/10	830	11/23/10	800
			Tetrachloroethene	01/29/10	ND	04/02/10	76	08/02/10	75	11/23/10	69
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	ND	04/02/10	780	08/02/10	700	11/23/10	620
			Trichloroethane[1,1,1-]	01/29/10	12	04/02/10	5300	08/02/10	5200	11/23/10	5100
			Trichloroethene	01/29/10	ND	04/02/10	460	08/02/10	490	11/23/10	500
			Trichlorofluoromethane	01/29/10	ND	04/02/10	380	08/02/10	340	11/23/10	290
	300	300	Acetone	01/29/10	ND	04/02/10	10	08/02/10	ND	NS	NS
			Carbon Tetrachloride	01/29/10	6.1	04/02/10	6.7	08/02/10	ND	NS	NS
			Cyclohexane	01/29/10	13	04/02/10	ND	08/02/10	ND	NS	NS
			Dichlorodifluoromethane	01/29/10	38	04/02/10	48	08/02/10	49	NS	NS
			Dichloroethene[1,1-]	01/29/10	90	04/02/10	120	08/02/10	150	NS	NS
			Tetrachloroethene	01/29/10	8.3	04/02/10	8	08/02/10	ND	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	110	04/02/10	140	08/02/10	160	NS	NS
			Trichloroethane[1,1,1-]	01/29/10	360	04/02/10	400	08/02/10	510	NS	NS
			Trichloroethene	01/29/10	20	04/02/10	ND	08/02/10	ND	NS	NS
			Trichlorofluoromethane	01/29/10	88	04/02/10	87	08/02/10	100	NS	NS
54-02089	31	31	Carbon Tetrachloride	01/26/10	13000	04/20/10	9100	07/29/10	8500	11/19/10	5800
			Chloroform	01/26/10	45000	04/20/10	39000	07/29/10	35000	11/19/10	24000
			Dichlorodifluoromethane	01/26/10	4500	04/20/10	45000	07/29/10	21000	11/19/10	6200
			Dichloroethane[1,1-]	01/26/10	81000	04/20/10	69000	07/29/10	65000	11/19/10	43000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-02089	31	31	Dichloroethane[1,2-]	01/26/10	680000	04/20/10	600000	07/29/10	560000	11/19/10	380000
			Dichloroethene[1,1-]	01/26/10	76000	04/20/10	36000	07/29/10	42000	11/19/10	30000
			Dichloropropane[1,2-]	01/26/10	240000	04/20/10	180000	07/29/10	180000	11/19/10	110000
			Hexane	01/26/10	ND	04/20/10	ND	07/29/10	ND	11/19/10	1300
			Tetrachloroethene	01/26/10	89000	04/20/10	51000	07/29/10	52000	11/19/10	34000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	980000	04/20/10	750000	07/29/10	810000	11/19/10	540000
			Trichloroethane[1,1,1-]	01/26/10	2700000	04/20/10	2500000	07/29/10	2100000	11/19/10	1400000
			Trichloroethene	01/26/10	1000000	04/20/10	790000	07/29/10	740000	11/19/10	480000
			Trichlorofluoromethane	01/26/10	22000	04/20/10	16000	07/29/10	16000	11/19/10	11000
	46	46	Carbon Tetrachloride	01/26/10	19000	04/20/10	8500	07/29/10	12000	11/19/10	10000
			Chloroform	01/26/10	62000	04/20/10	35000	07/29/10	46000	11/19/10	47000
			Dichlorodifluoromethane	01/26/10	6300	04/20/10	29000	07/29/10	19000	11/19/10	8000
			Dichloroethane[1,1-]	01/26/10	94000	04/20/10	55000	07/29/10	71000	11/19/10	67000
			Dichloroethane[1,2-]	01/26/10	420000	04/20/10	240000	07/29/10	350000	11/19/10	380000
			Dichloroethene[1,1-]	01/26/10	97000	04/20/10	31000	07/29/10	48000	11/19/10	48000
			Dichloropropane[1,2-]	01/26/10	400000	04/20/10	200000	07/29/10	280000	11/19/10	270000
			Hexane	01/26/10	3400	04/20/10	ND	07/29/10	ND	11/19/10	2300
			Tetrachloroethene	01/26/10	110000	04/20/10	43000	07/29/10	70000	11/19/10	65000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	1300000	04/20/10	770000	07/29/10	970000	11/19/10	930000
			Trichloroethane[1,1,1-]	01/26/10	3900000	04/20/10	2400000	07/29/10	3000000	11/19/10	2800000
			Trichloroethene	01/26/10	1200000	04/20/10	600000	07/29/10	840000	11/19/10	820000
			Trichlorofluoromethane	01/26/10	25000	04/20/10	14000	07/29/10	18000	11/19/10	16000
54-24238	63	65	Benzene	01/26/10	ND	05/04/10	ND	07/27/10	1900	12/03/10	ND
			Carbon Tetrachloride	01/26/10	10000	05/04/10	ND	07/27/10	7700	12/03/10	6100
			Chloroform	01/26/10	49000	05/04/10	45000	07/27/10	53000	12/03/10	44000
			Dichlorodifluoromethane	01/26/10	4900	05/04/10	18000	07/27/10	14000	12/03/10	13000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-24238	63	65	Dichloroethane[1,1-]	01/26/10	50000	05/04/10	47000	07/27/10	53000	12/03/10	43000
			Dichloroethane[1,2-]	01/26/10	190000	05/04/10	340000	07/27/10	330000	12/03/10	330000
			Dichloroethene[1,1-]	01/26/10	85000	05/04/10	51000	07/27/10	71000	12/03/10	47000
			Dichloropropane[1,2-]	01/26/10	330000	05/04/10	280000	07/27/10	330000	12/03/10	250000
			Hexane	01/26/10	ND	05/04/10	ND	07/27/10	2200	12/03/10	ND
			Methylene Chloride	01/26/10	130000	05/04/10	180000	07/27/10	240000	12/03/10	150000
			Tetrachloroethene	01/26/10	100000	05/04/10	63000	07/27/10	88000	12/03/10	60000
			Tetrahydrofuran	01/26/10	3300	05/04/10	ND	07/27/10	ND	12/03/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	970000	05/04/10	1000000	07/27/10	1300000	12/03/10	940000
			Trichloroethane[1,1,1-]	01/26/10	2400000	05/04/10	2200000	07/27/10	2400000	12/03/10	1900000
			Trichloroethene	01/26/10	720000	05/04/10	610000	07/27/10	740000	12/03/10	570000
			Trichlorofluoromethane	01/26/10	19000	05/04/10	17000	07/27/10	21000	12/03/10	16000
54-24239	24	26	Benzene	01/25/10	330	04/19/10	ND	07/29/10	ND	12/03/10	ND
			Carbon Tetrachloride	01/25/10	4100	04/19/10	4200	07/29/10	3500	12/03/10	3300
			Chloroform	01/25/10	13000	04/19/10	14000	07/29/10	14000	12/03/10	13000
			Dichlorodifluoromethane	01/25/10	1100	04/19/10	1100	07/29/10	1100	12/03/10	1100
			Dichloroethane[1,1-]	01/25/10	14000	04/19/10	14000	07/29/10	15000	12/03/10	14000
			Dichloroethane[1,2-]	01/25/10	4900	04/19/10	5500	07/29/10	5200	12/03/10	6300
			Dichloroethene[1,1-]	01/25/10	23000	04/19/10	20000	07/29/10	22000	12/03/10	23000
			Dichloropropane[1,2-]	01/25/10	7300	04/19/10	7400	07/29/10	8000	12/03/10	8400
			Tetrachloroethene	01/25/10	260000	04/19/10	300000	07/29/10	340000	12/03/10	290000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	55000	04/19/10	61000	07/29/10	56000	12/03/10	60000
			Trichloroethane[1,1,1-]	01/25/10	490000	04/19/10	540000	07/29/10	520000	12/03/10	500000
			Trichloroethene	01/25/10	160000	04/19/10	170000	07/29/10	180000	12/03/10	170000
			Trichlorofluoromethane	01/25/10	3900	04/19/10	4400	07/29/10	4200	12/03/10	4000 (J)

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-24239	74	76	Benzene	01/25/10	710	04/19/10	710	07/29/10	680	12/03/10	ND
			Carbon Tetrachloride	01/25/10	5000	04/19/10	4500	07/29/10	4200	12/03/10	3300
			Chloroform	01/25/10	17000	04/19/10	16000	07/29/10	17000	12/03/10	15000
			Dichlorodifluoromethane	01/25/10	1600	04/19/10	1500	07/29/10	1600	12/03/10	2000
			Dichloroethane[1,1-]	01/25/10	17000	04/19/10	16000	07/29/10	18000	12/03/10	14000
			Dichloroethane[1,2-]	01/25/10	9600	04/19/10	9400	07/29/10	9400	12/03/10	8700
			Dichloroethene[1,1-]	01/25/10	33000	04/19/10	26000	07/29/10	31000	12/03/10	23000
			Dichloropropane[1,2-]	01/25/10	9500	04/19/10	8600	07/29/10	10000	12/03/10	8000
			Tetrachloroethene	01/25/10	290000	04/19/10	310000	07/29/10	340000	12/03/10	240000
			Toluene	01/25/10	ND	04/19/10	620	07/29/10	ND	12/03/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	75000	04/19/10	77000	07/29/10	78000	12/03/10	64000
			Trichloroethane[1,1,1-]	01/25/10	670000	04/19/10	680000	07/29/10	700000	12/03/10	560000
			Trichloroethene	01/25/10	220000	04/19/10	210000	07/29/10	230000	12/03/10	180000
			Trichlorofluoromethane	01/25/10	5800	04/19/10	6000	07/29/10	6300	12/03/10	5200
54-24240	27	29	Benzene	01/25/10	1200	04/19/10	ND	08/03/10	ND	11/30/10	ND
			Carbon Tetrachloride	01/25/10	5600	04/19/10	3100	08/03/10	3900	11/30/10	3200
			Chloroform	01/25/10	18000	04/19/10	9900	08/03/10	12000	11/30/10	12000
			Dichlorodifluoromethane	01/25/10	9500	04/19/10	3900	08/03/10	12000	11/30/10	6000
			Dichloroethane[1,1-]	01/25/10	57000	04/19/10	30000	08/03/10	44000	11/30/10	39000
			Dichloroethane[1,2-]	01/25/10	610000	04/19/10	320000	08/03/10	390000	11/30/10	460000
			Dichloroethene[1,1-]	01/25/10	24000	04/19/10	8400	08/03/10	13000	11/30/10	9700
			Dichloropropane[1,2-]	01/25/10	3000	04/19/10	1400	08/03/10	1800	11/30/10	2000
			Methylene Chloride	01/25/10	3100	04/19/10	960	08/03/10	1600	11/30/10	2800
			Tetrachloroethene	01/25/10	370000	04/19/10	190000	08/03/10	250000	11/30/10	200000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	99000	04/19/10	83000	08/03/10	120000	11/30/10	84000
			Trichloroethane[1,1,1-]	01/25/10	1500000	04/19/10	880000	08/03/10	1200000	11/30/10	910000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-24240	27	29	Trichloroethene	01/25/10	1100000	04/19/10	640000	08/03/10	1000000	11/30/10	1100000
			Trichlorofluoromethane	01/25/10	13000	04/19/10	8100	08/03/10	16000	11/30/10	12000
	52	54	Benzene	01/25/10	2700	04/19/10	2300	08/03/10	2400	11/30/10	1700
			Carbon Tetrachloride	01/25/10	9700	04/19/10	8100	08/03/10	8800	11/30/10	5600
			Chlorobenzene	01/25/10	ND	04/19/10	1900	08/03/10	ND	11/30/10	1300
			Chloroform	01/25/10	38000	04/19/10	36000	08/03/10	37000	11/30/10	27000
			Dichlorodifluoromethane	01/25/10	21000	04/19/10	13000	08/03/10	41000	11/30/10	13000
			Dichloroethane[1,1-]	01/25/10	77000	04/19/10	60000	08/03/10	66000	11/30/10	48000
			Dichloroethane[1,2-]	01/25/10	740000	04/19/10	640000	08/03/10	710000	11/30/10	560000
			Dichloroethene[1,1-]	01/25/10	40000	04/19/10	20000	08/03/10	22000	11/30/10	13000
			Dichloropropane[1,2-]	01/25/10	4500	04/19/10	3500	08/03/10	3700	11/30/10	2800
			Hexane	01/25/10	2900	04/19/10	2300	08/03/10	2500	11/30/10	1500
			Methylene Chloride	01/25/10	26000	04/19/10	16000	08/03/10	17000	11/30/10	9000
			Tetrachloroethene	01/25/10	360000	04/19/10	310000	08/03/10	290000	11/30/10	190000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	160000	04/19/10	170000	08/03/10	200000	11/30/10	130000
			Trichloroethane[1,1,1-]	01/25/10	2300000	04/19/10	2000000	08/03/10	2100000	11/30/10	1400000
			Trichloroethene	01/25/10	1200000	04/19/10	1100000	08/03/10	1300000	11/30/10	980000
			Trichlorofluoromethane	01/25/10	25000	04/19/10	24000	08/03/10	46000	11/30/10	26000
	127	129	Benzene	01/25/10	710	04/19/10	ND	08/03/10	700	11/30/10	480
			Carbon Tetrachloride	01/25/10	3700	04/19/10	3000	08/03/10	2800	11/30/10	1900
			Chloroform	01/25/10	9400	04/19/10	10000	08/03/10	10000	11/30/10	7300
			Dichlorodifluoromethane	01/25/10	5100	04/19/10	4800	08/03/10	4900	11/30/10	3100
			Dichloroethane[1,1-]	01/25/10	27000	04/19/10	27000	08/03/10	28000	11/30/10	17000
			Dichloroethane[1,2-]	01/25/10	52000	04/19/10	57000	08/03/10	54000	11/30/10	42000
			Dichloroethene[1,1-]	01/25/10	28000	04/19/10	24000	08/03/10	24000	11/30/10	13000
			Dichloropropane[1,2-]	01/25/10	3300	04/19/10	3900	08/03/10	3600	11/30/10	2100

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-24240	127	129	Hexane	01/25/10	770	04/19/10	ND	08/03/10	ND	11/30/10	ND
			Methylene Chloride	01/25/10	7500	04/19/10	5400	08/03/10	7900	11/30/10	3900
			Tetrachloroethene	01/25/10	97000	04/19/10	130000	08/03/10	110000	11/30/10	72000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	50000	04/19/10	51000	08/03/10	56000	11/30/10	42000
			Trichloroethane[1,1,1-]	01/25/10	970000	04/19/10	1100000	08/03/10	1000000	11/30/10	620000
			Trichloroethene	01/25/10	260000	04/19/10	300000	08/03/10	280000	11/30/10	190000
			Trichlorofluoromethane	01/25/10	6900	04/19/10	7200	08/03/10	7100	11/30/10	5700
	152	154	Benzene	01/25/10	600	04/19/10	ND	08/03/10	ND	11/30/10	420
			Carbon Tetrachloride	01/25/10	3100	04/19/10	2400	08/03/10	2600	11/30/10	1500
			Chloroform	01/25/10	7200	04/19/10	8400	08/03/10	7800	11/30/10	5400
			Dichlorodifluoromethane	01/25/10	4400	04/19/10	4200	08/03/10	4600	11/30/10	2900
			Dichloroethane[1,1-]	01/25/10	23000	04/19/10	24000	08/03/10	24000	11/30/10	15000
			Dichloroethane[1,2-]	01/25/10	32000	04/19/10	39000	08/03/10	35000	11/30/10	25000
			Dichloroethene[1,1-]	01/25/10	27000	04/19/10	26000	08/03/10	30000	11/30/10	14000
			Dichloropropane[1,2-]	01/25/10	2900	04/19/10	3400	08/03/10	3300	11/30/10	1800
			Methylene Chloride	01/25/10	3200	04/19/10	1800	08/03/10	2600	11/30/10	1600
			Tetrachloroethene	01/25/10	75000	04/19/10	99000	08/03/10	82000	11/30/10	53000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	42000	04/19/10	44000	08/03/10	47000	11/30/10	36000
			Trichloroethane[1,1,1-]	01/25/10	860000	04/19/10	1000000	08/03/10	960000	11/30/10	540000
			Trichloroethene	01/25/10	220000	04/19/10	260000	08/03/10	240000	11/30/10	160000
			Trichlorofluoromethane	01/25/10	5900	04/19/10	6300	08/03/10	6500	11/30/10	4600
54-24241	71	74	Benzene	02/11/10	1500	04/20/10	ND	08/03/10	1200	11/30/10	1300
			Carbon Tetrachloride	02/11/10	15000	04/20/10	10000	08/03/10	13000	11/30/10	13000
			Chloroform	02/11/10	34000	04/20/10	26000	08/03/10	32000	11/30/10	39000
			Dichlorodifluoromethane	02/11/10	ND	04/20/10	ND	08/03/10	1500	11/30/10	1800
			Dichloroethane[1,1-]	02/11/10	42000	04/20/10	33000	08/03/10	41000	11/30/10	46000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-24241	71	74	Dichloroethane[1,2-]	02/11/10	28000	04/20/10	22000	08/03/10	27000	11/30/10	31000
			Dichloroethene[1,1-]	02/11/10	34000	04/20/10	21000	08/03/10	29000	11/30/10	35000
			Dichloroethene[trans-1,2-]	02/11/10	1300	04/20/10	ND	08/03/10	1700	11/30/10	1800
			Dichloropropane[1,2-]	02/11/10	34000	04/20/10	25000	08/03/10	30000	11/30/10	38000
			Dioxane[1,4-]	02/11/10	4300	04/20/10	ND	08/03/10	6700	11/30/10	5900
			Methylene Chloride	02/11/10	2300	04/20/10	ND	08/03/10	1600	11/30/10	1500
			Tetrachloroethene	02/11/10	150000	04/20/10	93000	08/03/10	140000	11/30/10	160000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/11/10	170000	04/20/10	140000	08/03/10	190000	11/30/10	210000
			Trichloroethane[1,1,1-]	02/11/10	1200000	04/20/10	1000000	08/03/10	1200000	11/30/10	1300000
			Trichloroethene	02/11/10	340000	04/20/10	260000	08/03/10	330000	11/30/10	370000
			Trichlorofluoromethane	02/11/10	8000	04/20/10	6400	08/03/10	8500	11/30/10	9100
	112	114	Benzene	02/11/10	ND	04/20/10	ND	08/03/10	770	11/30/10	640
			Carbon Tetrachloride	02/11/10	6500	04/20/10	5300	08/03/10	8600	11/30/10	5900
			Chloroform	02/11/10	21000	04/20/10	17000	08/03/10	25000	11/30/10	23000
			Dichlorodifluoromethane	02/11/10	1200	04/20/10	ND	08/03/10	1700	11/30/10	1600
			Dichloroethane[1,1-]	02/11/10	22000	04/20/10	19000	08/03/10	28000	11/30/10	24000
			Dichloroethane[1,2-]	02/11/10	17000	04/20/10	13000	08/03/10	18000	11/30/10	17000
			Dichloroethene[1,1-]	02/11/10	29000	04/20/10	22000	08/03/10	36000	11/30/10	30000
			Dichloroethene[trans-1,2-]	02/11/10	ND	04/20/10	ND	08/03/10	900	11/30/10	ND
			Dichloropropane[1,2-]	02/11/10	23000	04/20/10	18000	08/03/10	25000	11/30/10	23000
			Tetrachloroethene	02/11/10	100000	04/20/10	74000	08/03/10	140000	11/30/10	110000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/11/10	110000	04/20/10	100000	08/03/10	170000	11/30/10	130000
			Trichloroethane[1,1,1-]	02/11/10	710000	04/20/10	700000	08/03/10	1000000	11/30/10	810000
			Trichloroethene	02/11/10	230000	04/20/10	180000	08/03/10	300000	11/30/10	240000
			Trichlorofluoromethane	02/11/10	7000	04/20/10	6500	08/03/10	10000	11/30/10	7700

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-24241	132	134	Benzene	02/11/10	750	04/20/10	ND	08/03/10	750	11/30/10	760
			Carbon Tetrachloride	02/11/10	5600	04/20/10	4700	08/03/10	6300	11/30/10	5500
			Chloroform	02/11/10	18000	04/20/10	17000	08/03/10	19000	11/30/10	20000
			Dichlorodifluoromethane	02/11/10	1400	04/20/10	1500	08/03/10	1800	11/30/10	1300
			Dichloroethane[1,1-]	02/11/10	15000	04/20/10	16000	08/03/10	19000	11/30/10	17000
			Dichloroethane[1,2-]	02/11/10	12000	04/20/10	12000	08/03/10	12000	11/30/10	13000
			Dichloroethene[1,1-]	02/11/10	34000	04/20/10	28000	08/03/10	35000	11/30/10	35000
			Dichloropropane[1,2-]	02/11/10	16000	04/20/10	14000	08/03/10	16000	11/30/10	16000
			Methylene Chloride	02/11/10	ND	04/20/10	ND	08/03/10	1100	11/30/10	ND
			Tetrachloroethene	02/11/10	92000	04/20/10	78000	08/03/10	100000	11/30/10	97000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/11/10	100000	04/20/10	110000	08/03/10	140000	11/30/10	120000
			Trichloroethane[1,1,1-]	02/11/10	630000	04/20/10	720000	08/03/10	790000	11/30/10	690000
			Trichloroethene	02/11/10	210000	04/20/10	200000	08/03/10	230000	11/30/10	220000
			Trichlorofluoromethane	02/11/10	8600	04/20/10	8600	08/03/10	11000	11/30/10	9300
54-24242	24	26	Benzene	01/25/10	210	04/20/10	ND	08/04/10	ND	12/02/10	ND
			Carbon Tetrachloride	01/25/10	2100	04/20/10	1900	08/04/10	2200	12/02/10	2000
			Chloroform	01/25/10	8100	04/20/10	7900	08/04/10	8900	12/02/10	10000
			Dichlorodifluoromethane	01/25/10	420	04/20/10	ND	08/04/10	ND	12/02/10	580
			Dichloroethane[1,1-]	01/25/10	8100	04/20/10	8300	08/04/10	9300	12/02/10	10000
			Dichloroethane[1,2-]	01/25/10	2700	04/20/10	2400	08/04/10	2600	12/02/10	2900
			Dichloroethene[1,1-]	01/25/10	10000	04/20/10	9400	08/04/10	12000	12/02/10	13000
			Dichloropropane[1,2-]	01/25/10	5300	04/20/10	4900	08/04/10	5600	12/02/10	6400
			Tetrachloroethene	01/25/10	310000	04/20/10	360000	08/04/10	780000	12/02/10	550000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	27000	04/20/10	30000	08/04/10	34000	12/02/10	37000
			Trichloroethane[1,1,1-]	01/25/10	250000	04/20/10	280000	08/04/10	340000	12/02/10	330000
			Trichloroethene	01/25/10	120000	04/20/10	120000	08/04/10	150000	12/02/10	150000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-24242	24	26	Trichlorofluoromethane	01/25/10	1800	04/20/10	2100	08/04/10	2400	12/02/10	2400
	49	51	Benzene	01/25/10	1000	04/20/10	ND	08/04/10	1100	12/02/10	1000
			Carbon Tetrachloride	01/25/10	5400	04/20/10	4100	08/04/10	5200	12/02/10	5500
			Chloroform	01/25/10	20000	04/20/10	18000	08/04/10	21000	12/02/10	22000
			Dichlorodifluoromethane	01/25/10	1500	04/20/10	ND	08/04/10	1700	12/02/10	1600
			Dichloroethane[1,1-]	01/25/10	18000	04/20/10	17000	08/04/10	20000	12/02/10	20000
			Dichloroethane[1,2-]	01/25/10	13000	04/20/10	12000	08/04/10	14000	12/02/10	16000
			Dichloroethene[1,1-]	01/25/10	36000	04/20/10	27000	08/04/10	34000	12/02/10	34000
			Dichloropropane[1,2-]	01/25/10	12000	04/20/10	10000	08/04/10	13000	12/02/10	15000
			Methylene Chloride	01/25/10	1100	04/20/10	1400	08/04/10	840	12/02/10	ND
			Tetrachloroethene	01/25/10	340000	04/20/10	260000	08/04/10	360000	12/02/10	380000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	91000	04/20/10	88000	08/04/10	110000	12/02/10	100000
			Trichloroethane[1,1,1-]	01/25/10	750000	04/20/10	760000	08/04/10	830000	12/02/10	820000
			Trichloroethene	01/25/10	240000	04/20/10	210000	08/04/10	260000	12/02/10	270000
			Trichlorofluoromethane	01/25/10	6800	04/20/10	6500	08/04/10	7800	12/02/10	7400
54-24243	24	26	Carbon Tetrachloride	02/10/10	3800	04/26/10	ND	08/12/10	3100	12/10/10	4400
			Chloroform	02/10/10	20000	04/26/10	16000	08/12/10	19000	12/10/10	28000
			Cyclohexane	02/10/10	12000	04/26/10	ND	08/12/10	ND	12/10/10	ND
			Dichlorodifluoromethane	02/10/10	1400	04/26/10	ND	08/12/10	1800	12/10/10	ND
			Dichloroethane[1,1-]	02/10/10	22000	04/26/10	18000	08/12/10	19000	12/10/10	20000
			Dichloroethane[1,2-]	02/10/10	18000	04/26/10	16000	08/12/10	21000	12/10/10	23000
			Dichloroethene[1,1-]	02/10/10	24000	04/26/10	14000	08/12/10	16000	12/10/10	39000
			Dichloropropane[1,2-]	02/10/10	34000	04/26/10	33000	08/12/10	45000	12/10/10	74000
			Methylene Chloride	02/10/10	ND	04/26/10	ND	08/12/10	ND	12/10/10	25000
			Tetrachloroethene	02/10/10	5400	04/26/10	14000	08/12/10	21000	12/10/10	32000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	400000	04/26/10	350000	08/12/10	420000	12/10/10	330000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Trichloroethane[1,1,1-]	02/10/10	750000	04/26/10	730000	08/12/10	780000	12/10/10	1000000
			Trichloroethene	02/10/10	190000	04/26/10	180000	08/12/10	240000	12/10/10	310000
			Trichlorofluoromethane	02/10/10	6800	04/26/10	5700	08/12/10	4800	12/10/10	15000
	74	76	Carbon Tetrachloride	02/10/10	5400	04/26/10	4800	08/12/10	5800	12/10/10	5400
			Chloroform	02/10/10	28000	04/26/10	31000	08/12/10	35000	12/10/10	43000
			Cyclohexane	02/10/10	19000	04/26/10	ND	08/12/10	ND	12/10/10	ND
			Dichlorodifluoromethane	02/10/10	2000	04/26/10	ND	08/12/10	3100	12/10/10	5400
			Dichloroethane[1,1-]	02/10/10	25000	04/26/10	29000	08/12/10	29000	12/10/10	36000
			Dichloroethane[1,2-]	02/10/10	11000	04/26/10	13000	08/12/10	14000	12/10/10	20000
			Dichloroethene[1,1-]	02/10/10	40000	04/26/10	31000	08/12/10	36000	12/10/10	40000
			Dichloropropane[1,2-]	02/10/10	97000	04/26/10	100000	08/12/10	120000	12/10/10	130000
			Methylene Chloride	02/10/10	2200	04/26/10	2800	08/12/10	2000	12/10/10	ND
			Tetrachloroethene	02/10/10	30000	04/26/10	26000	08/12/10	37000	12/10/10	40000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	530000	04/26/10	590000	08/12/10	680000	12/10/10	830000
			Trichloroethane[1,1,1-]	02/10/10	1200000	04/26/10	1500000	08/12/10	1500000	12/10/10	1800000
			Trichloroethene	02/10/10	340000	04/26/10	370000	08/12/10	420000	12/10/10	500000
			Trichlorofluoromethane	02/10/10	11000	04/26/10	11000	08/12/10	11000	12/10/10	15000
	124	126	Benzene	02/10/10	1200	04/26/10	ND	08/12/10	1500	12/10/10	ND
			Carbon Tetrachloride	02/10/10	3900	04/26/10	3200	08/12/10	4900	12/10/10	4700
			Chloroform	02/10/10	20000	04/26/10	18000	08/12/10	27000	12/10/10	33000
			Cyclohexane	02/10/10	12000	04/26/10	ND	08/12/10	ND	12/10/10	ND
			Dichlorodifluoromethane	02/10/10	1500	04/26/10	ND	08/12/10	1700	12/10/10	4000
			Dichloroethane[1,1-]	02/10/10	15000	04/26/10	14000	08/12/10	20000	12/10/10	29000
			Dichloroethane[1,2-]	02/10/10	17000	04/26/10	15000	08/12/10	22000	12/10/10	38000
			Dichloroethene[1,1-]	02/10/10	37000	04/26/10	29000	08/12/10	40000	12/10/10	22000
			Dichloropropane[1,2-]	02/10/10	58000	04/26/10	49000	08/12/10	83000	12/10/10	66000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-24243	124	126	Ethanol	02/10/10	1600	04/26/10	ND	08/12/10	ND	12/10/10	ND
			Methylene Chloride	02/10/10	21000	04/26/10	20000	08/12/10	25000	12/10/10	ND
			Tetrachloroethene	02/10/10	26000	04/26/10	19000	08/12/10	36000	12/10/10	30000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	220000	04/26/10	210000	08/12/10	320000	12/10/10	600000
			Trichloroethane[1,1,1-]	02/10/10	790000	04/26/10	790000	08/12/10	1100000	12/10/10	1100000
			Trichloroethene	02/10/10	230000	04/26/10	200000	08/12/10	320000	12/10/10	360000
			Trichlorofluoromethane	02/10/10	12000	04/26/10	10000	08/12/10	13000	12/10/10	8200
54-24399	550	608	Benzene	03/02/10	ND	04/21/10	6	08/17/10	ND	NS	NS
			Butanone[2-]	03/02/10	ND	04/21/10	9.7	08/17/10	ND	NS	NS
			Carbon Tetrachloride	03/02/10	19	04/21/10	16	08/17/10	ND	NS	NS
			Chloroform	03/02/10	64	04/21/10	50	08/17/10	ND	NS	NS
			Cyclohexane	03/02/10	ND	04/21/10	29	08/17/10	ND	NS	NS
			Dichlorodifluoromethane	03/02/10	22	04/21/10	20	08/17/10	ND	NS	NS
			Dichloroethane[1,1-]	03/02/10	84	04/21/10	68	08/17/10	ND	NS	NS
			Dichloroethane[1,2-]	03/02/10	40	04/21/10	ND	08/17/10	ND	NS	NS
			Dichloroethene[1,1-]	03/02/10	140	04/21/10	140	08/17/10	ND	NS	NS
			Dichloropropane[1,2-]	03/02/10	40	04/21/10	ND	08/17/10	ND	NS	NS
			Ethanol	03/02/10	14	04/21/10	ND	08/17/10	ND	NS	NS
			Methylene Chloride	03/02/10	8.8	04/21/10	5.8	08/17/10	ND	NS	NS
			Tetrachloroethene	03/02/10	510	04/21/10	360	08/17/10	450	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	03/02/10	410	04/21/10	ND	08/17/10	ND	NS	NS
			Trichloroethane[1,1,1-]	03/02/10	2100	04/21/10	1800	08/17/10	210	NS	NS
			Trichloroethene	03/02/10	850	04/21/10	670	08/17/10	270	NS	NS
			Trichlorofluoromethane	03/02/10	39	04/21/10	37	08/17/10	ND	NS	NS

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-27641	29.5	34.5	Carbon Tetrachloride	01/27/10	6000	04/16/10	4100	07/29/10	4100	12/20/10	ND
			Chloroform	01/27/10	10000	04/16/10	8500	07/29/10	7600	12/20/10	6400
			Dichlorodifluoromethane	01/27/10	8000	04/16/10	6100	07/29/10	8000	12/20/10	9700
			Dichloroethane[1,1-]	01/27/10	53000	04/16/10	37000	07/29/10	37000	12/20/10	27000
			Dichloroethane[1,2-]	01/27/10	190000	04/16/10	170000	07/29/10	150000	12/20/10	130000
			Dichloroethene[1,1-]	01/27/10	44000	04/16/10	18000	07/29/10	17000	12/20/10	9800
			Dichloropropane[1,2-]	01/27/10	3500	04/16/10	3500	07/29/10	2700	12/20/10	ND
			Methylene Chloride	01/27/10	5400	04/16/10	3200	07/29/10	2600	12/20/10	1800
			Tetrachloroethene	01/27/10	290000	04/16/10	250000	07/29/10	220000	12/20/10	130000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	110000	04/16/10	98000	07/29/10	87000	12/20/10	63000
			Trichloroethane[1,1,1-]	01/27/10	1900000	04/16/10	1600000	07/29/10	1400000	12/20/10	960000
			Trichloroethene	01/27/10	1200000	04/16/10	970000	07/29/10	950000	12/20/10	970000
			Trichlorofluoromethane	01/27/10	12000	04/16/10	10000	07/29/10	9900	12/20/10	10000
	79.5	84.5	Carbon Tetrachloride	01/27/10	3400	04/16/10	5100	07/29/10	3300	12/20/10	ND
			Chloroform	01/27/10	6700	04/16/10	12000	07/29/10	8300	12/20/10	ND
			Dichlorodifluoromethane	01/27/10	4900	04/16/10	7600	07/29/10	6000	12/20/10	7100
			Dichloroethane[1,1-]	01/27/10	30000	04/16/10	46000	07/29/10	34000	12/20/10	19000
			Dichloroethane[1,2-]	01/27/10	90000	04/16/10	160000	07/29/10	100000	12/20/10	73000
			Dichloroethene[1,1-]	01/27/10	26000	04/16/10	26000	07/29/10	22000	12/20/10	11000
			Dichloropropane[1,2-]	01/27/10	3000	04/16/10	5000	07/29/10	3300	12/20/10	2000
			Hexane	01/27/10	1800	04/16/10	2400	07/29/10	2000	12/20/10	ND
			Methylene Chloride	01/27/10	23000	04/16/10	35000	07/29/10	27000	12/20/10	13000
			Tetrachloroethene	01/27/10	190000	04/16/10	370000	07/29/10	200000	12/20/10	100000
			Tetrahydrofuran	01/27/10	ND	04/16/10	1300	07/29/10	ND	12/20/10	ND
			Toluene	01/27/10	1100	04/16/10	1900	07/29/10	1100	12/20/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	47000	04/16/10	89000	07/29/10	69000	12/20/10	37000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-27641	79.5	84.5	Trichloroethane[1,1,1-]	01/27/10	1100000	04/16/10	1900000	07/29/10	1200000	12/20/10	690000
			Trichloroethene	01/27/10	320000	04/16/10	560000	07/29/10	380000	12/20/10	230000
			Trichlorofluoromethane	01/27/10	7300	04/16/10	13000	07/29/10	10000	12/20/10	6700
	112.5	117.5	Carbon Tetrachloride	01/27/10	2700	04/16/10	3100	07/29/10	2400	12/20/10	ND
			Chloroform	01/27/10	5900	04/16/10	9100	07/29/10	7000	12/20/10	6900
			Dichlorodifluoromethane	01/27/10	4300	04/16/10	6100	07/29/10	4800	12/20/10	6300
			Dichloroethane[1,1-]	01/27/10	25000	04/16/10	34000	07/29/10	33000	12/20/10	24000
			Dichloroethane[1,2-]	01/27/10	56000	04/16/10	84000	07/29/10	57000	12/20/10	63000
			Dichloroethene[1,1-]	01/27/10	24000	04/16/10	32000	07/29/10	26000	12/20/10	17000
			Dichloropropane[1,2-]	01/27/10	3300	04/16/10	5100	07/29/10	3500	12/20/10	3100
			Methylene Chloride	01/27/10	14000	04/16/10	19000	07/29/10	17000	12/20/10	12000
			Tetrachloroethene	01/27/10	120000	04/16/10	180000	07/29/10	120000	12/20/10	110000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	34000	04/16/10	58000	07/29/10	51000	12/20/10	38000
			Trichloroethane[1,1,1-]	01/27/10	940000	04/16/10	1400000	07/29/10	1100000	12/20/10	930000
			Trichloroethene	01/27/10	230000	04/16/10	340000	07/29/10	250000	12/20/10	260000
			Trichlorofluoromethane	01/27/10	5800	04/16/10	8800	07/29/10	7300	12/20/10	6200
	179.5	184.5	Carbon Tetrachloride	01/27/10	1900	04/30/10	ND	07/29/10	1700	12/20/10	ND
			Chloroform	01/27/10	3100	04/30/10	3000	07/29/10	3800	12/20/10	2700
			Dichlorodifluoromethane	01/27/10	3100	04/30/10	3000	07/29/10	3900	12/20/10	3700
			Dichloroethane[1,1-]	01/27/10	13000	04/30/10	13000	07/29/10	16000	12/20/10	11000
			Dichloroethane[1,2-]	01/27/10	11000	04/30/10	9900	07/29/10	12000	12/20/10	12000
			Dichloroethene[1,1-]	01/27/10	26000	04/30/10	22000	07/29/10	27000	12/20/10	17000
			Dichloropropane[1,2-]	01/27/10	1600	04/30/10	1300	07/29/10	1900	12/20/10	ND
			Methylene Chloride	01/27/10	14000	04/30/10	15000	07/29/10	20000	12/20/10	11000
			Tetrachloroethene	01/27/10	30000	04/30/10	23000	07/29/10	34000	12/20/10	23000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	22000	04/30/10	24000	07/29/10	29000	12/20/10	21000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-27641	179.5	184.5	Trichloroethane[1,1,1-]	01/27/10	610000	04/30/10	640000	07/29/10	750000	12/20/10	480000
			Trichloroethene	01/27/10	140000	04/30/10	140000	07/29/10	160000	12/20/10	130000
			Trichlorofluoromethane	01/27/10	3700	04/30/10	3700	07/29/10	5200	12/20/10	3500
	268.5	273.5	Carbon Tetrachloride	01/27/10	950	04/30/10	670	07/29/10	920	12/20/10	810
			Chloroform	01/27/10	700	04/30/10	650	07/29/10	780	12/20/10	840
			Dichlorodifluoromethane	01/27/10	2000	04/30/10	1800	07/29/10	2000	12/20/10	2900
			Dichloroethane[1,1-]	01/27/10	2400	04/30/10	2200	07/29/10	2700	12/20/10	2600
			Dichloroethane[1,2-]	01/27/10	ND	04/30/10	ND	07/29/10	210	12/20/10	840
			Dichloroethene[1,1-]	01/27/10	17000	04/30/10	15000	07/29/10	18000	12/20/10	17000
			Methylene Chloride	01/27/10	1800	04/30/10	1800	07/29/10	2400	12/20/10	2300
			Tetrachloroethene	01/27/10	6800	04/30/10	6200	07/29/10	8400	12/20/10	8200
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	17000	04/30/10	16000	07/29/10	18000	12/20/10	19000
			Trichloroethane[1,1,1-]	01/27/10	160000	04/30/10	160000	07/29/10	190000	12/20/10	180000
			Trichloroethene	01/27/10	45000	04/30/10	41000	07/29/10	50000	12/20/10	52000
			Trichlorofluoromethane	01/27/10	2600	04/30/10	2400	07/29/10	2700	12/20/10	3000
	330	335	Carbon Tetrachloride	01/27/10	140	04/30/10	160	07/29/10	170	12/20/10	190
			Chloroform	01/27/10	46	04/30/10	55	07/29/10	61	12/20/10	84
			Dichlorodifluoromethane	01/27/10	360	04/30/10	410	07/29/10	460	12/20/10	730
			Dichloroethane[1,1-]	01/27/10	120	04/30/10	130	07/29/10	160	12/20/10	210
			Dichloroethane[1,2-]	01/27/10	ND	04/30/10	ND	07/29/10	ND	12/20/10	170
			Dichloroethene[1,1-]	01/27/10	2600	04/30/10	3100	07/29/10	3800	12/20/10	3800
			Methylene Chloride	01/27/10	ND	04/30/10	72	07/29/10	95	12/20/10	140
			Tetrachloroethene	01/27/10	ND	04/30/10	820	07/29/10	1100	12/20/10	1200
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	4000	04/30/10	4600	07/29/10	5700	12/20/10	5600
			Trichloroethane[1,1,1-]	01/27/10	11000	04/30/10	13000	07/29/10	14000	12/20/10	18000
			Trichloroethene	01/27/10	4100	04/30/10	4600	07/29/10	5400	12/20/10	6600

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-27641	330	335	Trichlorofluoromethane	01/27/10	620	04/30/10	720	07/29/10	880	12/20/10	910
54-27642	27.5	32.5	Carbon Tetrachloride	01/26/10	8900	04/16/10	5900	07/27/10	5100	12/01/10	5900
			Chloroform	01/26/10	39000	04/16/10	36000	07/27/10	38000	12/01/10	82000
			Dichlorodifluoromethane	01/26/10	ND	04/16/10	ND	07/27/10	2500	12/01/10	ND
			Dichloroethane[1,1-]	01/26/10	51000	04/16/10	37000	07/27/10	30000	12/01/10	35000
			Dichloroethane[1,2-]	01/26/10	38000	04/16/10	30000	07/27/10	27000	12/01/10	41000
			Dichloroethene[1,1-]	01/26/10	80000	04/16/10	43000	07/27/10	40000	12/01/10	46000
			Dichloropropane[1,2-]	01/26/10	120000	04/16/10	82000	07/27/10	69000	12/01/10	95000
			Methylene Chloride	01/26/10	ND	04/16/10	ND	07/27/10	ND	12/01/10	3500
			Tetrachloroethene	01/26/10	84000	04/16/10	57000	07/27/10	44000	12/01/10	66000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	2200000	04/16/10	1900000	07/27/10	1900000	12/01/10	3800000
			Trichloroethane[1,1,1-]	01/26/10	2700000	04/16/10	2100000	07/27/10	1500000	12/01/10	1600000
			Trichloroethene	01/26/10	420000	04/16/10	340000	07/27/10	290000	12/01/10	500000
			Trichlorofluoromethane	01/26/10	12000	04/16/10	10000	07/27/10	8100	12/01/10	7700
	71.5	76.5	Benzene	01/26/10	4400	04/16/10	2200	07/27/10	2300	12/01/10	2400
			Carbon Tetrachloride	01/26/10	15000	04/16/10	8100	07/27/10	6700	12/01/10	7700
			Chloroform	01/26/10	71000	04/16/10	44000	07/27/10	38000	12/01/10	42000
			Cyclohexane	01/26/10	ND	04/16/10	ND	07/27/10	ND	12/01/10	27000
			Dichlorodifluoromethane	01/26/10	4200	04/16/10	ND	07/27/10	ND	12/01/10	2600
			Dichloroethane[1,1-]	01/26/10	47000	04/16/10	26000	07/27/10	28000	12/01/10	30000
			Dichloroethane[1,2-]	01/26/10	49000	04/16/10	27000	07/27/10	26000	12/01/10	23000
			Dichloroethene[1,1-]	01/26/10	130000	04/16/10	60000	07/27/10	66000	12/01/10	69000
			Dichloropropane[1,2-]	01/26/10	220000	04/16/10	120000	07/27/10	130000	12/01/10	120000
			Methylene Chloride	01/26/10	13000	04/16/10	5900	07/27/10	6700	12/01/10	5700
			Tetrachloroethene	01/26/10	130000	04/16/10	66000	07/27/10	57000	12/01/10	62000
			Tetrahydrofuran	01/26/10	73000	04/16/10	35000	07/27/10	44000	12/01/10	44000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-27642	71.5	76.5	Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	780000	04/16/10	520000	07/27/10	600000	12/01/10	620000
			Trichloroethane[1,1,1-]	01/26/10	2900000	04/16/10	1800000	07/27/10	1600000	12/01/10	1700000
			Trichloroethane[1,1,2-]	01/26/10	ND	04/16/10	ND	07/27/10	ND	12/01/10	2100
			Trichloroethene	01/26/10	760000	04/16/10	440000	07/27/10	420000	12/01/10	410000
			Trichlorofluoromethane	01/26/10	41000	04/16/10	26000	07/27/10	27000	12/01/10	22000
	114.5	119.5	Carbon Tetrachloride	01/26/10	10000	04/16/10	7600	07/27/10	6200	12/01/10	3200
			Chloroform	01/26/10	46000	04/16/10	46000	07/27/10	38000	12/01/10	33000
			Dichlorodifluoromethane	01/26/10	ND	04/16/10	ND	07/27/10	3100	12/01/10	1900
			Dichloroethane[1,1-]	01/26/10	43000	04/16/10	38000	07/27/10	34000	12/01/10	19000
			Dichloroethane[1,2-]	01/26/10	24000	04/16/10	23000	07/27/10	19000	12/01/10	16000
			Dichloroethene[1,1-]	01/26/10	88000	04/16/10	55000	07/27/10	52000	12/01/10	30000
			Dichloropropane[1,2-]	01/26/10	190000	04/16/10	150000	07/27/10	120000	12/01/10	78000
			Methylene Chloride	01/26/10	ND	04/16/10	ND	07/27/10	5400	12/01/10	1600
			Tetrachloroethene	01/26/10	93000	04/16/10	73000	07/27/10	58000	12/01/10	31000
			Tetrahydrofuran	01/26/10	ND	04/16/10	1800	07/27/10	ND	12/01/10	680
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	1300000	04/16/10	1400000	07/27/10	1300000	12/01/10	850000
			Trichloroethane[1,1,1-]	01/26/10	2500000	04/16/10	2300000	07/27/10	1800000	12/01/10	860000
			Trichloroethane[1,1,2-]	01/26/10	ND	04/16/10	ND	07/27/10	ND	12/01/10	1000
			Trichloroethene	01/26/10	520000	04/16/10	460000	07/27/10	380000	12/01/10	230000
			Trichlorofluoromethane	01/26/10	19000	04/16/10	18000	07/27/10	14000	12/01/10	6500
	172.5	177.5	Benzene	01/26/10	3800	05/04/10	2900	07/27/10	4100	12/01/10	3300
			Carbon Tetrachloride	01/26/10	7100	05/04/10	5100	07/27/10	7000	12/01/10	5900
			Chlorobenzene	01/26/10	ND	05/04/10	ND	07/27/10	1400	12/01/10	1300
			Chloroform	01/26/10	29000	05/04/10	23000	07/27/10	30000	12/01/10	28000
			Dichlorodifluoromethane	01/26/10	2700	05/04/10	2300	07/27/10	2600	12/01/10	1900
			Dichloroethane[1,1-]	01/26/10	12000	05/04/10	9900	07/27/10	14000	12/01/10	12000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-27642	172.5	177.5	Dichloroethane[1,2-]	01/26/10	18000	05/04/10	14000	07/27/10	19000	12/01/10	17000
			Dichloroethene[1,1-]	01/26/10	69000	05/04/10	49000	07/27/10	68000	12/01/10	60000
			Dichloropropane[1,2-]	01/26/10	40000	05/04/10	28000	07/27/10	45000	12/01/10	40000
			Hexane	01/26/10	2000	05/04/10	1800	07/27/10	2200	12/01/10	1700
			Methylene Chloride	01/26/10	68000	05/04/10	60000	07/27/10	94000	12/01/10	76000
			Tetrachloroethene	01/26/10	43000	05/04/10	24000	07/27/10	41000	12/01/10	36000
			Tetrahydrofuran	01/26/10	ND	05/04/10	ND	07/27/10	ND	12/01/10	3000
			Toluene	01/26/10	17000	05/04/10	11000	07/27/10	15000	12/01/10	14000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	230000	05/04/10	190000	07/27/10	250000	12/01/10	220000
			Trichloroethane[1,1,1-]	01/26/10	930000	05/04/10	820000	07/27/10	1000000	12/01/10	860000
			Trichloroethene	01/26/10	300000	05/04/10	210000	07/27/10	330000	12/01/10	260000
			Trichlorofluoromethane	01/26/10	28000	05/04/10	22000	07/27/10	28000	12/01/10	18000
			Xylene[1,2-]	01/26/10	3200	05/04/10	ND	07/27/10	2700	12/01/10	2500
			Xylene[1,3-]+Xylene[1,4-]	01/26/10	ND	05/04/10	ND	07/27/10	1500	12/01/10	1800
	272.5	277.5	Benzene	01/26/10	2400	04/16/10	2100	07/27/10	2500	12/01/10	2500
			Carbon Tetrachloride	01/26/10	5000	04/16/10	4700	07/27/10	4100	12/01/10	5000
			Chloroform	01/26/10	12000	04/16/10	11000	07/27/10	12000	12/01/10	16000
			Dichlorodifluoromethane	01/26/10	2900	04/16/10	2400	07/27/10	2400	12/01/10	2800
			Dichloroethane[1,1-]	01/26/10	3700	04/16/10	3200	07/27/10	3600	12/01/10	6600
			Dichloroethane[1,2-]	01/26/10	920	04/16/10	680	07/27/10	780	12/01/10	2600
			Dichloroethene[1,1-]	01/26/10	62000	04/16/10	51000	07/27/10	62000	12/01/10	62000
			Dichloropropane[1,2-]	01/26/10	4400	04/16/10	3300	07/27/10	5000	12/01/10	19000
			Hexane	01/26/10	2600	04/16/10	1900	07/27/10	2200	12/01/10	2200
			Methylene Chloride	01/26/10	28000	04/16/10	26000	07/27/10	34000	12/01/10	31000
			Tetrachloroethene	01/26/10	17000	04/16/10	17000	07/27/10	17000	12/01/10	22000
			Tetrahydrofuran	01/26/10	ND	04/16/10	ND	07/27/10	ND	12/01/10	11000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-27642	272.5	277.5	Toluene	01/26/10	3400	04/16/10	3300	07/27/10	3700	12/01/10	3400
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	160000	04/16/10	150000	07/27/10	180000	12/01/10	240000
			Trichloroethane[1,1,1-]	01/26/10	380000	04/16/10	360000	07/27/10	400000	12/01/10	510000
			Trichloroethene	01/26/10	150000	04/16/10	140000	07/27/10	160000	12/01/10	190000
			Trichlorofluoromethane	01/26/10	21000	04/16/10	20000	07/27/10	23000	12/01/10	20000
	335.5	340.5	Benzene	01/26/10	600	05/04/10	490	07/27/10	570	12/01/10	600
			Carbon Tetrachloride	01/26/10	1800	05/04/10	1500	07/27/10	1600	12/01/10	1700
			Chloroform	01/26/10	1600	05/04/10	1400	07/27/10	1600	12/01/10	3400
			Dichlorodifluoromethane	01/26/10	1300	05/04/10	1200	07/27/10	1100	12/01/10	1200
			Dichloroethane[1,1-]	01/26/10	470	05/04/10	480	07/27/10	550	12/01/10	1800
			Dichloroethane[1,2-]	01/26/10	ND	05/04/10	380	07/27/10	ND	12/01/10	700
			Dichloroethene[1,1-]	01/26/10	23000	05/04/10	21000	07/27/10	28000	12/01/10	22000
			Dichloropropane[1,2-]	01/26/10	160	05/04/10	410	07/27/10	180	12/01/10	6900
			Hexane	01/26/10	660	05/04/10	500	07/27/10	730	12/01/10	360
			Methylene Chloride	01/26/10	3000	05/04/10	3200	07/27/10	4200	12/01/10	3400
			Propylene	01/26/10	ND	05/04/10	ND	07/27/10	120 (J)	12/01/10	ND
			Tetrachloroethene	01/26/10	2900	05/04/10	2400	07/27/10	3300	12/01/10	5300
			Tetrahydrofuran	01/26/10	ND	05/04/10	ND	07/27/10	ND	12/01/10	4300
			Toluene	01/26/10	260	05/04/10	350	07/27/10	380	12/01/10	210
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	45000	05/04/10	42000	07/27/10	55000	12/01/10	66000
			Trichloroethane[1,1,1-]	01/26/10	71000	05/04/10	70000	07/27/10	74000	12/01/10	130000
			Trichloroethene	01/26/10	34000	05/04/10	30000	07/27/10	43000	12/01/10	49000
			Trichlorofluoromethane	01/26/10	5500	05/04/10	4900	07/27/10	6800	12/01/10	5300
54-27643	27.5	32.5	Carbon Tetrachloride	02/03/10	2500	04/26/10	1600	08/17/10	1800	12/13/10	2200
			Chloroform	02/03/10	11000	04/26/10	8300	08/17/10	9100	12/13/10	13000
			Dichlorodifluoromethane	02/03/10	580	04/26/10	ND	08/17/10	ND	12/13/10	650

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-27643	27.5	32.5	Dichloroethane[1,1-]	02/03/10	6000	04/26/10	5000	08/17/10	5200	12/13/10	7500
			Dichloroethane[1,2-]	02/03/10	4700	04/26/10	3400	08/17/10	3400	12/13/10	5500
			Dichloroethene[1,1-]	02/03/10	9500	04/26/10	6400	08/17/10	6400	12/13/10	11000
			Dichloropropane[1,2-]	02/03/10	29000	04/26/10	19000	08/17/10	22000	12/13/10	33000
			Tetrachloroethene	02/03/10	23000	04/26/10	14000	08/17/10	19000	12/13/10	23000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	120000	04/26/10	120000	08/17/10	130000	12/13/10	190000
			Trichloroethane[1,1,1-]	02/03/10	400000	04/26/10	330000	08/17/10	320000	12/13/10	410000
			Trichloroethane[1,1,2-]	02/03/10	880	04/26/10	ND	08/17/10	660	12/13/10	820
			Trichloroethene	02/03/10	79000	04/26/10	57000	08/17/10	65000	12/13/10	82000
			Trichlorofluoromethane	02/03/10	5900	04/26/10	4800	08/17/10	3800	12/13/10	6100
	71.5	76.5	Benzene	02/03/10	840	04/26/10	750	08/17/10	770	12/13/10	900
			Carbon Tetrachloride	02/03/10	3100	04/26/10	2300	08/17/10	2800	12/13/10	3400
			Chlorobenzene	02/03/10	840	04/26/10	ND	08/17/10	800	12/13/10	970
			Chloroform	02/03/10	15000	04/26/10	14000	08/17/10	14000	12/13/10	18000
			Dichlorodifluoromethane	02/03/10	860	04/26/10	ND	08/17/10	670	12/13/10	1100
			Dichloroethane[1,1-]	02/03/10	7200	04/26/10	6900	08/17/10	6700	12/13/10	9600
			Dichloroethane[1,2-]	02/03/10	9400	04/26/10	8700	08/17/10	8200	12/13/10	12000
			Dichloroethene[1,1-]	02/03/10	14000	04/26/10	12000	08/17/10	12000	12/13/10	19000
			Dichloropropane[1,2-]	02/03/10	35000	04/26/10	32000	08/17/10	34000	12/13/10	43000
			Ethanol	02/03/10	2100	04/26/10	ND	08/17/10	ND	12/13/10	ND
			Methylene Chloride	02/03/10	4700	04/26/10	4700	08/17/10	4000	12/13/10	5500
			Tetrachloroethene	02/03/10	27000	04/26/10	24000	08/17/10	25000	12/13/10	29000
			Tetrahydrofuran	02/03/10	20000	04/26/10	17000	08/17/10	14000	12/13/10	23000
			Toluene	02/03/10	1300	04/26/10	1100	08/17/10	1000	12/13/10	1200
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	110000	04/26/10	120000	08/17/10	130000	12/13/10	170000
			Trichloroethane[1,1,1-]	02/03/10	500000	04/26/10	500000	08/17/10	480000	12/13/10	590000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Trichloroethane[1,1,2-]	02/03/10	1000	04/26/10	ND	08/17/10	1000	12/13/10	1100
			Trichloroethene	02/03/10	110000	04/26/10	100000	08/17/10	100000	12/13/10	120000
			Trichlorofluoromethane	02/03/10	9500	04/26/10	9000	08/17/10	7300	12/13/10	11000
			Xylene[1,2-]	02/03/10	1200	04/26/10	1100	08/17/10	980	12/13/10	1600
	114.5	119.5	Benzene	02/03/10	1200	04/26/10	1200	08/17/10	1300	12/13/10	1400
			Carbon Tetrachloride	02/03/10	2900	04/26/10	3000	08/17/10	3100	12/13/10	3000
			Chlorobenzene	02/03/10	810	04/26/10	ND	08/17/10	1000	12/13/10	890
			Chloroform	02/03/10	15000	04/26/10	16000	08/17/10	16000	12/13/10	17000
			Dichlorodifluoromethane	02/03/10	970	04/26/10	ND	08/17/10	1000	12/13/10	1200
			Dichloroethane[1,1-]	02/03/10	6100	04/26/10	7100	08/17/10	7100	12/13/10	7900
			Dichloroethane[1,2-]	02/03/10	10000	04/26/10	10000	08/17/10	9300	12/13/10	12000
			Dichloroethene[1,1-]	02/03/10	18000	04/26/10	19000	08/17/10	20000	12/13/10	24000
			Dichloropropane[1,2-]	02/03/10	27000	04/26/10	26000	08/17/10	34000	12/13/10	33000
			Ethanol	02/03/10	2700	04/26/10	ND	08/17/10	ND	12/13/10	ND
			Methylene Chloride	02/03/10	11000	04/26/10	13000	08/17/10	14000	12/13/10	13000
			Tetrachloroethene	02/03/10	21000	04/26/10	17000	08/17/10	26000	12/13/10	22000
			Tetrahydrofuran	02/03/10	1800	04/26/10	1900	08/17/10	2000	12/13/10	3200
			Toluene	02/03/10	2600	04/26/10	2200	08/17/10	2800	12/13/10	2300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	92000	04/26/10	110000	08/17/10	120000	12/13/10	120000
			Trichloroethane[1,1,1-]	02/03/10	440000	04/26/10	530000	08/17/10	500000	12/13/10	520000
			Trichloroethane[1,1,2-]	02/03/10	720	04/26/10	ND	08/17/10	900	12/13/10	ND
			Trichloroethene	02/03/10	110000	04/26/10	110000	08/17/10	130000	12/13/10	120000
			Trichlorofluoromethane	02/03/10	11000	04/26/10	13000	08/17/10	12000	12/13/10	13000
			Xylene[1,2-]	02/03/10	1500	04/26/10	1100	08/17/10	1700	12/13/10	1800

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	164.5	169.5	Benzene	02/03/10	2300	04/26/10	1900	08/17/10	2000	12/13/10	2600
			Carbon Tetrachloride	02/03/10	4200	04/26/10	3100	08/17/10	3500	12/13/10	4500
			Chlorobenzene	02/03/10	800	04/26/10	ND	08/17/10	700	12/13/10	1000
			Chloroform	02/03/10	20000	04/26/10	17000	08/17/10	18000	12/13/10	24000
			Dichlorodifluoromethane	02/03/10	1600	04/26/10	1500	08/17/10	1500	12/13/10	2000
			Dichloroethane[1,1-]	02/03/10	6000	04/26/10	5300	08/17/10	5800	12/13/10	8100
			Dichloroethane[1,2-]	02/03/10	9800	04/26/10	8400	08/17/10	7900	12/13/10	12000
			Dichloroethene[1,1-]	02/03/10	33000	04/26/10	27000	08/17/10	31000	12/13/10	44000
			Dichloropropane[1,2-]	02/03/10	22000	04/26/10	18000	08/17/10	21000	12/13/10	28000
			Ethanol	02/03/10	1400	04/26/10	ND	08/17/10	ND	12/13/10	ND
			Hexane	02/03/10	940	04/26/10	820	08/17/10	820	12/13/10	1200
			Methylene Chloride	02/03/10	29000	04/26/10	28000	08/17/10	32000	12/13/10	38000
			Tetrachloroethene	02/03/10	21000	04/26/10	18000	08/17/10	19000	12/13/10	24000
			Toluene	02/03/10	5600	04/26/10	4900	08/17/10	4900	12/13/10	6600
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	120000	04/26/10	110000	08/17/10	130000	12/13/10	140000
			Trichloroethane[1,1,1-]	02/03/10	490000	04/26/10	450000	08/17/10	460000	12/13/10	590000
			Trichloroethene	02/03/10	150000	04/26/10	130000	08/17/10	130000	12/13/10	170000
			Trichlorofluoromethane	02/03/10	18000	04/26/10	16000	08/17/10	16000	12/13/10	21000
			Xylene[1,2-]	02/03/10	1600	04/26/10	1600	08/17/10	1200	12/13/10	2400
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	ND	04/26/10	ND	08/17/10	ND	12/13/10	520
	272.5	277.5	Benzene	02/03/10	1500	04/26/10	1700	08/17/10	1500	12/13/10	1800
			Carbon Tetrachloride	02/03/10	3400	04/26/10	3200	08/17/10	2700	12/13/10	3300
			Chloroform	02/03/10	9100	04/26/10	9700	08/17/10	8400	12/13/10	11000
			Dichlorodifluoromethane	02/03/10	1900	04/26/10	1900	08/17/10	1400	12/13/10	2100
			Dichloroethane[1,1-]	02/03/10	2200	04/26/10	2300	08/17/10	2100	12/13/10	2900
			Dichloroethane[1,2-]	02/03/10	450	04/26/10	510	08/17/10	370	12/13/10	590

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)	Collection Date	Result ($\mu g/m^3$)
54-27643	272.5	277.5	Dichloroethene[1,1-]	02/03/10	36000	04/26/10	38000	08/17/10	32000	12/13/10	47000
			Dichloropropane[1,2-]	02/03/10	2700	04/26/10	2900	08/17/10	2500	12/13/10	3600
			Hexane	02/03/10	1200	04/26/10	1300	08/17/10	1200	12/13/10	1500
			Methylene Chloride	02/03/10	19000	04/26/10	21000	08/17/10	20000	12/13/10	25000
			Tetrachloroethene	02/03/10	9800	04/26/10	11000	08/17/10	8500	12/13/10	10000
			Toluene	02/03/10	1500	04/26/10	1400	08/17/10	1200	12/13/10	870
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	100000	04/26/10	110000	08/17/10	98000	12/13/10	110000
			Trichloroethane[1,1,1-]	02/03/10	220000	04/26/10	260000	08/17/10	200000	12/13/10	260000
			Trichloroethene	02/03/10	89000	04/26/10	97000	08/17/10	79000	12/13/10	98000
			Trichlorofluoromethane	02/03/10	14000	04/26/10	15000	08/17/10	11000	12/13/10	16000
	351.5	356.5	Benzene	02/03/10	480	04/26/10	380	08/17/10	530	12/13/10	520
			Carbon Tetrachloride	02/03/10	1300	04/26/10	1000	08/17/10	1300	12/13/10	1300
			Chloroform	02/03/10	1200	04/26/10	960	08/17/10	1200	12/13/10	1300
			Dichlorodifluoromethane	02/03/10	1000	04/26/10	750	08/17/10	840	12/13/10	1000
			Dichloroethane[1,1-]	02/03/10	310	04/26/10	260	08/17/10	330	12/13/10	390
			Dichloroethene[1,1-]	02/03/10	16000	04/26/10	13000	08/17/10	18000	12/13/10	19000
			Dichloropropane[1,2-]	02/03/10	82	04/26/10	ND	08/17/10	77	12/13/10	94
			Hexane	02/03/10	630	04/26/10	420	08/17/10	530	12/13/10	420
			Methylene Chloride	02/03/10	1900	04/26/10	1700	08/17/10	2200	12/13/10	2300
			Propylene	02/03/10	ND	04/26/10	ND	08/17/10	86	12/13/10	ND
			Tetrachloroethene	02/03/10	2200	04/26/10	1900	08/17/10	2400	12/13/10	2100
			Toluene	02/03/10	210	04/26/10	150	08/17/10	220	12/13/10	140
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	36000	04/26/10	29000	08/17/10	40000	12/13/10	36000
			Trichloroethane[1,1,1-]	02/03/10	50000	04/26/10	42000	08/17/10	48000	12/13/10	53000
			Trichloroethene	02/03/10	22000	04/26/10	18000	08/17/10	23000	12/13/10	22000
			Trichlorofluoromethane	02/03/10	4300	04/26/10	3400	08/17/10	4600	12/13/10	4700

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	22.5	27.5	Carbon Tetrachloride	02/05/10	1200	04/26/10	ND	08/20/10	1400	12/10/10	1600
			Chloroform	02/05/10	7100	04/26/10	9000	08/20/10	10000	12/10/10	16000
			Dichlorodifluoromethane	02/05/10	470	04/26/10	ND	08/20/10	510	12/10/10	1100
			Dichloroethane[1,1-]	02/05/10	5100	04/26/10	6300	08/20/10	6500	12/10/10	6700
			Dichloroethane[1,2-]	02/05/10	4000	04/26/10	4200	08/20/10	4600	12/10/10	5400
			Dichloroethene[1,1-]	02/05/10	6700	04/26/10	5900	08/20/10	6200	12/10/10	6400
			Dichloropropane[1,2-]	02/05/10	19000	04/26/10	18000	08/20/10	24000	12/10/10	24000
			Tetrachloroethene	02/05/10	16000	04/26/10	17000	08/20/10	22000	12/10/10	24000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	150000	04/26/10	210000	08/20/10	210000	12/10/10	370000
			Trichloroethane[1,1,1-]	02/05/10	270000	04/26/10	370000	08/20/10	340000	12/10/10	380000
			Trichloroethane[1,1,2-]	02/05/10	ND	04/26/10	ND	08/20/10	740	12/10/10	ND
			Trichloroethene	02/05/10	54000	04/26/10	70000	08/20/10	80000	12/10/10	96000
			Trichlorofluoromethane	02/05/10	3000	04/26/10	3700	08/20/10	3200	12/10/10	4000
	97.5	102.5	Benzene	02/05/10	1200	04/26/10	1100	08/20/10	1300	12/10/10	1000
			Carbon Tetrachloride	02/05/10	3200	04/26/10	2600	08/20/10	2700	12/10/10	2600
			Chlorobenzene	02/05/10	1500	04/26/10	ND	08/20/10	1300	12/10/10	1400
			Chloroform	02/05/10	16000	04/26/10	15000	08/20/10	15000	12/10/10	16000
			Dichlorodifluoromethane	02/05/10	1000	04/26/10	ND	08/20/10	930	12/10/10	1500
			Dichloroethane[1,1-]	02/05/10	8200	04/26/10	8300	08/20/10	8100	12/10/10	8200
			Dichloroethane[1,2-]	02/05/10	11000	04/26/10	9800	08/20/10	9500	12/10/10	10000
			Dichloroethene[1,1-]	02/05/10	18000	04/26/10	15000	08/20/10	16000	12/10/10	16000
			Dichloropropane[1,2-]	02/05/10	34000	04/26/10	30000	08/20/10	34000	12/10/10	33000
			Ethanol	02/05/10	ND	04/26/10	ND	08/20/10	ND	12/10/10	3700
			Methylene Chloride	02/05/10	14000	04/26/10	13000	08/20/10	14000	12/10/10	12000
			Tetrachloroethene	02/05/10	30000	04/26/10	22000	08/20/10	27000	12/10/10	26000
			Tetrahydrofuran	02/05/10	30000	04/26/10	28000	08/20/10	26000	12/10/10	25000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	Toluene	02/05/10	3100	04/26/10	2100	08/20/10	2000	12/10/10	1900
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	130000	04/26/10	130000	08/20/10	160000	12/10/10	160000
			Trichloroethane[1,1,1-]	02/05/10	540000	04/26/10	570000	08/20/10	530000	12/10/10	550000
			Trichloroethane[1,1,2-]	02/05/10	ND	04/26/10	ND	08/20/10	920	12/10/10	ND
			Trichloroethene	02/05/10	130000	04/26/10	120000	08/20/10	130000	12/10/10	130000
			Trichlorofluoromethane	02/05/10	11000	04/26/10	9900	08/20/10	9600	12/10/10	10000
			Xylene[1,2-]	02/05/10	2100	04/26/10	1300	08/20/10	1400	12/10/10	1600
			Xylene[1,3-]+Xylene[1,4-]	02/05/10	710	04/26/10	ND	08/20/10	ND	12/10/10	ND
	116	121	Benzene	02/05/10	1600	04/26/10	1400	08/20/10	1500	12/10/10	1100
			Carbon Tetrachloride	02/05/10	3800	04/26/10	2900	08/20/10	3100	12/10/10	2300
			Chlorobenzene	02/05/10	1500	04/26/10	ND	08/20/10	1300	12/10/10	1000
			Chloroform	02/05/10	18000	04/26/10	17000	08/20/10	17000	12/10/10	14000
			Dichlorodifluoromethane	02/05/10	1200	04/26/10	ND	08/20/10	1100	12/10/10	1300
			Dichloroethane[1,1-]	02/05/10	8400	04/26/10	8000	08/20/10	8400	12/10/10	6500
			Dichloroethane[1,2-]	02/05/10	12000	04/26/10	12000	08/20/10	11000	12/10/10	9000
			Dichloroethene[1,1-]	02/05/10	24000	04/26/10	20000	08/20/10	21000	12/10/10	16000
			Dichloropropane[1,2-]	02/05/10	35000	04/26/10	30000	08/20/10	34000	12/10/10	24000
			Ethanol	02/05/10	ND	04/26/10	ND	08/20/10	ND	12/10/10	3400
			Methylene Chloride	02/05/10	20000	04/26/10	20000	08/20/10	20000	12/10/10	15000
			Tetrachloroethene	02/05/10	28000	04/26/10	21000	08/20/10	27000	12/10/10	19000
			Tetrahydrofuran	02/05/10	13000	04/26/10	11000	08/20/10	11000	12/10/10	7700
			Toluene	02/05/10	3800	04/26/10	2600	08/20/10	3100	12/10/10	1900
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	130000	04/26/10	130000	08/20/10	150000	12/10/10	120000
			Trichloroethane[1,1,1-]	02/05/10	570000	04/26/10	600000	08/20/10	560000	12/10/10	450000

Table D-1.0-2 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)	Collection Date	Result (µg/m³)
54-610786	116	121	Trichloroethane[1,1,2-]	02/05/10	ND	04/26/10	ND	08/20/10	870	12/10/10	ND
			Trichloroethene	02/05/10	150000	04/26/10	130000	08/20/10	140000	12/10/10	110000
			Trichlorofluoromethane	02/05/10	13000	04/26/10	12000	08/20/10	12000	12/10/10	10000
			Xylene[1,2-]	02/05/10	2100	04/26/10	1400	08/20/10	3200	12/10/10	1200
			Xylene[1,3-]+Xylene[1,4-]	02/05/10	ND	04/26/10	ND	08/20/10	3700	12/10/10	ND

[a] ND = Not detected.

[b] NS = Not sampled.

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

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	01/29/10	180	04/05/10	190	08/04/10	280	11/16/10	320
			Chloroform	01/29/10	440	04/05/10	530	08/04/10	720	11/16/10	920
			Dichlorodifluoromethane	01/29/10	340	04/05/10	380	08/04/10	740	11/16/10	980
			Dichloroethane[1,1-]	01/29/10	3200	04/05/10	3200	08/04/10	4500	11/16/10	5200
			Dichloroethane[1,2-]	01/29/10	8200	04/05/10	8800	08/04/10	12000	11/16/10	19000
			Dichloroethene[1,1-]	01/29/10	1800	04/05/10	1500	08/04/10	2200	11/16/10	2800
			Dichloropropane[1,2-]	01/29/10	220	04/05/10	290	08/04/10	320	11/16/10	360
			Hexane	01/29/10	ND	04/05/10	ND[a]	08/04/10	170	11/16/10	180
			Methylene Chloride	01/29/10	1400	04/05/10	1300	08/04/10	1900	11/16/10	2800
			Tetrachloroethene	01/29/10	11000	04/05/10	13000	08/04/10	16000	11/16/10	17000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	2700	04/05/10	3600	08/04/10	5100	11/16/10	5700
			Trichloroethane[1,1,1-]	01/29/10	88000	04/05/10	100000	08/04/10	120000	11/16/10	130000

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02001	37.5	42.5	Trichloroethene	01/29/10	43000	04/05/10	50000	08/04/10	65000	11/16/10	80000
			Trichlorofluoromethane	01/29/10	450	04/05/10	530	08/04/10	830	11/16/10	1200
	77.5	82.5	Carbon Tetrachloride	01/29/10	120	04/16/10	460	08/04/10	ND	11/16/10	320
			Chloroform	01/29/10	270	04/16/10	1300	08/04/10	1000	11/16/10	1000
			Dichlorodifluoromethane	01/29/10	200	04/16/10	920	08/04/10	830	11/16/10	1100
			Dichloroethane[1,1-]	01/29/10	1700	04/16/10	7600	08/04/10	5800	11/16/10	5700
			Dichloroethane[1,2-]	01/29/10	4200	04/16/10	21000	08/04/10	15000	11/16/10	22000
			Dichloroethene[1,1-]	01/29/10	1300	04/16/10	4300	08/04/10	3300	11/16/10	3200
			Dichloropropane[1,2-]	01/29/10	160	04/16/10	870	08/04/10	470	11/16/10	440
			Hexane	01/29/10	ND	04/16/10	ND	08/04/10	270	11/16/10	180 (J)
			Methylene Chloride	01/29/10	1400	04/16/10	5400	08/04/10	4000	11/16/10	3000
			Tetrachloroethene	01/29/10	5800	04/16/10	32000	08/04/10	20000	11/16/10	19000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	1200	04/16/10	8500	08/04/10	5700	11/16/10	6300
			Trichloroethane[1,1,1-]	01/29/10	48000	04/16/10	240000	08/04/10	160000	11/16/10	150000
			Trichloroethene	01/29/10	14000	04/16/10	82000	08/04/10	60000	11/16/10	82000
			Trichlorofluoromethane	01/29/10	250	04/16/10	1300	08/04/10	1000	11/16/10	1300
	117.5	122.5	Acetone	01/29/10	ND	04/16/10	310	08/04/10	ND	11/16/10	ND
			Carbon Tetrachloride	01/29/10	93	04/16/10	45	08/04/10	ND	11/16/10	110
			Chloroform	01/29/10	260	04/16/10	160	08/04/10	690	11/16/10	490
			Dichlorodifluoromethane	01/29/10	220	04/16/10	110	08/04/10	500	11/16/10	350
			Dichloroethane[1,1-]	01/29/10	**1500**	04/16/10	850	08/04/10	**3900**	11/16/10	**2800**
			Dichloroethane[1,2-]	01/29/10	**2600**	04/16/10	**1300**	08/04/10	**7200**	11/16/10	**5000**
			Dichloroethene[1,1-]	01/29/10	**1600**	04/16/10	590	08/04/10	**3500**	11/16/10	**2700**
			Dichloropropane[1,2-]	01/29/10	**200**	04/16/10	92	08/04/10	**480**	11/16/10	**330**
			Methylene Chloride	01/29/10	**1700**	04/16/10	**860**	08/04/10	**4000**	11/16/10	**2700**
			Tetrachloroethene	01/29/10	**2900**	04/16/10	**3000**	08/04/10	**8600**	11/16/10	**4700**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02001	117.5	122.5	Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	860	04/16/10	660	08/04/10	2700	11/16/10	1900
			Trichloroethane[1,1,1-]	01/29/10	**44000**	04/16/10	**27000**	08/04/10	**110000**	11/16/10	**71000**
			Trichloroethene	01/29/10	**9900**	04/16/10	**6800**	08/04/10	**27000**	11/16/10	**17000**
			Trichlorofluoromethane	01/29/10	220	04/16/10	150	08/04/10	580	11/16/10	400
	137.5	142.5	Carbon Tetrachloride	01/29/10	27	04/16/10	180	08/04/10	230	11/16/10	ND
			Chloroform	01/29/10	84	04/16/10	720	08/04/10	890	11/16/10	710
			Dichlorodifluoromethane	01/29/10	74	04/16/10	580	08/04/10	640	11/16/10	460
			Dichloroethane[1,1-]	01/29/10	510	04/16/10	**4100**	08/04/10	**5100**	11/16/10	**4000**
			Dichloroethane[1,2-]	01/29/10	**940**	04/16/10	**8200**	08/04/10	**9200**	11/16/10	**7300**
			Dichloroethene[1,1-]	01/29/10	460	04/16/10	**3600**	08/04/10	**4300**	11/16/10	**2900**
			Dichloropropane[1,2-]	01/29/10	64	04/16/10	**530**	08/04/10	**660**	11/16/10	**500**
			Methylene Chloride	01/29/10	**610**	04/16/10	**5200**	08/04/10	**5800**	11/16/10	**4500**
			Tetrachloroethene	01/29/10	**1000**	04/16/10	**10000**	08/04/10	**11000**	11/16/10	**12000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	300	04/16/10	2800	08/04/10	3400	11/16/10	2900
			Trichloroethane[1,1,1-]	01/29/10	**15000**	04/16/10	**130000**	08/04/10	**150000**	11/16/10	**120000**
			Trichloroethene	01/29/10	**3300**	04/16/10	**29000**	08/04/10	**34000**	11/16/10	**32000**
			Trichlorofluoromethane	01/29/10	77	04/16/10	700	08/04/10	760	11/16/10	550
54-02002	37.5	42.5	Benzene	02/03/10	**820**	04/23/10	**700**	08/05/10	**710**	12/10/10	**740**
			Carbon Tetrachloride	02/03/10	860	04/23/10	660	08/05/10	700	12/10/10	720
			Chlorobenzene	02/03/10	370	04/23/10	ND	08/05/10	270	12/10/10	ND
			Chloroform	02/03/10	**5400**	04/23/10	**4400**	08/05/10	**4800**	12/10/10	**5600**
			Dichlorodifluoromethane	02/03/10	410	04/23/10	ND	08/05/10	370	12/10/10	680
			Dichloroethane[1,1-]	02/03/10	**3400**	04/23/10	**3000**	08/05/10	**3200**	12/10/10	**3600**
			Dichloroethane[1,2-]	02/03/10	**4800**	04/23/10	**3900**	08/05/10	**4000**	12/10/10	**4600**
			Dichloroethene[1,1-]	02/03/10	**11000**	04/23/10	**8700**	08/05/10	**9500**	12/10/10	**10000**
			Dichloropropane[1,2-]	02/03/10	**9700**	04/23/10	**7400**	08/05/10	**8400**	12/10/10	**9000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02002	37.5	42.5	Ethanol	02/03/10	2600	04/23/10	3500	08/05/10	2700	12/10/10	2600
			Hexane	02/03/10	280	04/23/10	ND	08/05/10	ND	12/10/10	ND
			Methylene Chloride	02/03/10	**15000**	04/23/10	**14000**	08/05/10	**15000**	12/10/10	**17000**
			Tetrachloroethene	02/03/10	**5400**	04/23/10	**3600**	08/05/10	**4400**	12/10/10	**4700**
			Tetrahydrofuran	02/03/10	340	04/23/10	ND	08/05/10	310	12/10/10	ND
			Toluene	02/03/10	1800	04/23/10	1600	08/05/10	1100	12/10/10	1800
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	30000	04/23/10	26000	08/05/10	35000	12/10/10	40000
			Trichloroethane[1,1,1-]	02/03/10	**170000**	04/23/10	**150000**	08/05/10	**160000**	12/10/10	**180000**
			Trichloroethene	02/03/10	**48000**	04/23/10	**38000**	08/05/10	**41000**	12/10/10	**48000**
			Trichlorofluoromethane	02/03/10	3500	04/23/10	3100	08/05/10	3200	12/10/10	4000
			Xylene[1,2-]	02/03/10	610	04/23/10	ND	08/05/10	430	12/10/10	ND
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	370	04/23/10	ND	08/05/10	ND	12/10/10	ND
	97.5	102.5	Benzene	02/03/10	**510**	04/23/10	**ND**	08/05/10	**410**	12/10/10	**620**
			Carbon Tetrachloride	02/03/10	750	04/23/10	ND	08/05/10	560	12/10/10	780
			Chlorobenzene	02/03/10	320	04/23/10	ND	08/05/10	220	12/10/10	ND
			Chloroform	02/03/10	**4900**	04/23/10	**4600**	08/05/10	**4400**	12/10/10	**7800**
			Dichlorodifluoromethane	02/03/10	330	04/23/10	ND	08/05/10	300	12/10/10	750
			Dichloroethane[1,1-]	02/03/10	**4200**	04/23/10	**4100**	08/05/10	**3800**	12/10/10	**5900**
			Dichloroethane[1,2-]	02/03/10	**4100**	04/23/10	**4000**	08/05/10	**3300**	12/10/10	**5500**
			Dichloroethene[1,1-]	02/03/10	**8800**	04/23/10	**6400**	08/05/10	**6500**	12/10/10	**9400**
			Dichloropropane[1,2-]	02/03/10	**12000**	04/23/10	**11000**	08/05/10	**10000**	12/10/10	**17000**
			Ethanol	02/03/10	2600	04/23/10	3800	08/05/10	2500	12/10/10	3400
			Methylene Chloride	02/03/10	**9900**	04/23/10	**10000**	08/05/10	**8800**	12/10/10	**14000**
			Tetrachloroethene	02/03/10	**5300**	04/23/10	**4400**	08/05/10	**4400**	12/10/10	**6900**
			Tetrahydrofuran	02/03/10	7700	04/23/10	7000	08/05/10	5600	12/10/10	7600
			Toluene	02/03/10	1500	04/23/10	1400	08/05/10	1000	12/10/10	1700

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02002	97.5	102.5	Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	46000	04/23/10	45000	08/05/10	51000	12/10/10	94000
			Trichloroethane[1,1,1-]	02/03/10	**190000**	04/23/10	**190000**	08/05/10	**160000**	12/10/10	**260000**
			Trichloroethene	02/03/10	**44000**	04/23/10	**42000**	08/05/10	**37000**	12/10/10	**65000**
			Trichlorofluoromethane	02/03/10	2400	04/23/10	2100	08/05/10	2000	12/10/10	3300
			Xylene[1,2-]	02/03/10	500	04/23/10	ND	08/05/10	350	12/10/10	580
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	470	04/23/10	ND	08/05/10	280	12/10/10	ND
	117.5	122.5	Benzene	02/03/10	**700**	04/23/10	**530**	08/05/10	**560**	12/10/10	**660**
			Carbon Tetrachloride	02/03/10	**880**	04/23/10	530	08/05/10	670	12/10/10	720
			Chlorobenzene	02/03/10	350	04/23/10	ND	08/05/10	280	12/10/10	ND
			Chloroform	02/03/10	**5600**	04/23/10	**4200**	08/05/10	**4900**	12/10/10	**5700**
			Dichlorodifluoromethane	02/03/10	380	04/23/10	ND	08/05/10	330	12/10/10	620
			Dichloroethane[1,1-]	02/03/10	**4200**	04/23/10	**3100**	08/05/10	**3700**	12/10/10	**4200**
			Dichloroethane[1,2-]	02/03/10	**5000**	04/23/10	**3700**	08/05/10	**4000**	12/10/10	**5000**
			Dichloroethene[1,1-]	02/03/10	**10000**	04/23/10	**6300**	08/05/10	**8200**	12/10/10	**8800**
			Dichloropropane[1,2-]	02/03/10	**12000**	04/23/10	**9400**	08/05/10	**10000**	12/10/10	**12000**
			Ethanol	02/03/10	3100	04/23/10	3400	08/05/10	3100	12/10/10	4000
			Hexane	02/03/10	210	04/23/10	ND	08/05/10	ND	12/10/10	ND
			Methylene Chloride	02/03/10	**14000**	04/23/10	**11000**	08/05/10	**13000**	12/10/10	**15000**
			Tetrachloroethene	02/03/10	**5500**	04/23/10	**4000**	08/05/10	**4600**	12/10/10	**5500**
			Tetrahydrofuran	02/03/10	3000	04/23/10	2200	08/05/10	2200	12/10/10	2300
			Toluene	02/03/10	1300	04/23/10	960	08/05/10	1100	12/10/10	1200
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	39000	04/23/10	30000	08/05/10	44000	12/10/10	52000
			Trichloroethane[1,1,1-]	02/03/10	**200000**	04/23/10	**160000**	08/05/10	**170000**	12/10/10	**200000**
			Trichloroethene	02/03/10	**49000**	04/23/10	**38000**	08/05/10	**42000**	12/10/10	**51000**
			Trichlorofluoromethane	02/03/10	3100	04/23/10	2100	08/05/10	2600	12/10/10	3200
			Xylene[1,2-]	02/03/10	560	04/23/10	ND	08/05/10	420	12/10/10	570

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02002	117.5	122.5	Xylene[1,3-]+Xylene[1,4-]	02/03/10	310	04/23/10	ND	08/05/10	290	12/10/10	ND
	177.5	182.5	Benzene	02/03/10	**730**	NS[b]	NS	08/05/10	**570**	12/10/10	**700**
			Carbon Tetrachloride	02/03/10	**930**	NS	NS	08/05/10	650	12/10/10	790
			Chlorobenzene	02/03/10	380	NS	NS	08/05/10	270	12/10/10	ND
			Chloroform	02/03/10	**5800**	NS	NS	08/05/10	**4500**	12/10/10	**6500**
			Dichlorodifluoromethane	02/03/10	380	NS	NS	08/05/10	320	12/10/10	710
			Dichloroethane[1,1-]	02/03/10	**4400**	NS	NS	08/05/10	**3500**	12/10/10	**4700**
			Dichloroethane[1,2-]	02/03/10	**5300**	NS	NS	08/05/10	**3900**	12/10/10	**5600**
			Dichloroethene[1,1-]	02/03/10	**11000**	NS	NS	08/05/10	**8000**	12/10/10	**10000**
			Dichloropropane[1,2-]	02/03/10	**13000**	NS	NS	08/05/10	**9900**	12/10/10	**13000**
			Ethanol	02/03/10	3400	NS	NS	08/05/10	3000	12/10/10	4400
			Hexane	02/03/10	210	NS	NS	08/05/10	ND	12/10/10	ND
			Methylene Chloride	02/03/10	**14000**	NS	NS	08/05/10	**12000**	12/10/10	**17000**
			Tetrachloroethene	02/03/10	**5800**	NS	NS	08/05/10	**4400**	12/10/10	**5700**
			Tetrahydrofuran	02/03/10	2500	NS	NS	08/05/10	1800	12/10/10	2100
			Toluene	02/03/10	1300	NS	NS	08/05/10	880	12/10/10	1100
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	41000	NS	NS	08/05/10	40000	12/10/10	57000
			Trichloroethane[1,1,1-]	02/03/10	**210000**	NS	NS	08/05/10	**160000**	12/10/10	**220000**
			Trichloroethene	02/03/10	**52000**	NS	NS	08/05/10	**40000**	12/10/10	**55000**
			Trichlorofluoromethane	02/03/10	3300	NS	NS	08/05/10	2500	12/10/10	3600
			Xylene[1,2-]	02/03/10	550	NS	NS	08/05/10	370	12/10/10	520
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	240	NS	NS	08/05/10	ND	12/10/10	ND
	200	200	Benzene	NS	NS	04/23/10	**780**	NS	NS	NS	NS
			Carbon Tetrachloride	NS	NS	04/23/10	690	NS	NS	NS	NS
			Chloroform	NS	NS	04/23/10	**3800**	NS	NS	NS	NS
			Dichlorodifluoromethane	NS	NS	04/23/10	390	NS	NS	NS	NS

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02002	200	200	Dichloroethane[1,1-]	NS	NS	04/23/10	**1800**	NS	NS	NS	NS
			Dichloroethane[1,2-]	NS	NS	04/23/10	**2000**	NS	NS	NS	NS
			Dichloroethene[1,1-]	NS	NS	04/23/10	**9900**	NS	NS	NS	NS
			Dichloropropane[1,2-]	NS	NS	04/23/10	**3600**	NS	NS	NS	NS
			Hexane	NS	NS	04/23/10	430	NS	NS	NS	NS
			Methylene Chloride	NS	NS	04/23/10	**14000**	NS	NS	NS	NS
			Tetrachloroethene	NS	NS	04/23/10	**2600**	NS	NS	NS	NS
			Toluene	NS	NS	04/23/10	1100	NS	NS	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	04/23/10	20000	NS	NS	NS	NS
			Trichloroethane[1,1,1-]	NS	NS	04/23/10	**110000**	NS	NS	NS	NS
			Trichloroethene	NS	NS	04/23/10	**32000**	NS	NS	NS	NS
			Trichlorofluoromethane	NS	NS	04/23/10	3400	NS	NS	NS	NS
54-02016	28.5	33.5	Carbon Tetrachloride	01/26/10	**940**	04/20/10	ND	07/27/10	530	11/29/10	570
			Chloroform	01/26/10	**4700**	04/20/10	3000	07/27/10	**3200**	11/29/10	**4400**
			Dichlorodifluoromethane	01/26/10	620	04/20/10	560	07/27/10	960	11/29/10	960
			Dichloroethane[1,1-]	01/26/10	**8500**	04/20/10	**5500**	07/27/10	**6000**	11/29/10	**7100**
			Dichloroethane[1,2-]	01/26/10	**83000**	04/20/10	**56000**	07/27/10	**57000**	11/29/10	**67000**
			Dichloroethene[1,1-]	01/26/10	**16000**	04/20/10	**7500**	07/27/10	**9800**	11/29/10	**9200**
			Dichloropropane[1,2-]	01/26/10	**12000**	04/20/10	**6800**	07/27/10	**7800**	11/29/10	**9800**
			Tetrachloroethene	01/26/10	**8100**	04/20/10	**3700**	07/27/10	**4400**	11/29/10	**6000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	180000	04/20/10	120000	07/27/10	130000	11/29/10	170000
			Trichloroethane[1,1,1-]	01/26/10	**330000**	04/20/10	**230000**	07/27/10	**230000**	11/29/10	**250000**
			Trichloroethene	01/26/10	**82000**	04/20/10	**49000**	07/27/10	**55000**	11/29/10	**73000**
			Trichlorofluoromethane	01/26/10	1900	04/20/10	1300	07/27/10	1500	11/29/10	1300

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02016	79.5	84.5	Carbon Tetrachloride	01/26/10	380	04/20/10	ND	07/27/10	370	11/29/10	560
			Chloroform	01/26/10	1000	04/20/10	580	07/27/10	1300	11/29/10	3000
			Dichlorodifluoromethane	01/26/10	280	04/20/10	280	07/27/10	640	11/29/10	1200
			Dichloroethane[1,1-]	01/26/10	**2400**	04/20/10	**1600**	07/27/10	**3200**	11/29/10	**6800**
			Dichloroethane[1,2-]	01/26/10	**4200**	04/20/10	**2000**	07/27/10	**5600**	11/29/10	**15000**
			Dichloroethene[1,1-]	01/26/10	**7000**	04/20/10	**3800**	07/27/10	**6600**	11/29/10	**12000**
			Dichloropropane[1,2-]	01/26/10	**1700**	04/20/10	**860**	07/27/10	**2400**	11/29/10	**4300**
			Tetrachloroethene	01/26/10	**3000**	04/20/10	**1800**	07/27/10	**3400**	11/29/10	**4200**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	96000	04/20/10	66000	07/27/10	94000	11/29/10	250000
			Trichloroethane[1,1,1-]	01/26/10	**130000**	04/20/10	**98000**	07/27/10	**160000**	11/29/10	**260000**
			Trichloroethene	01/26/10	**26000**	04/20/10	**16000**	07/27/10	**37000**	11/29/10	**54000**
			Trichlorofluoromethane	01/26/10	910	04/20/10	680	07/27/10	1000	11/29/10	1500
54-02021	10	30	Carbon Tetrachloride	01/27/10	ND	04/01/10	26	07/28/10	25	11/17/10	ND
			Chloroform	01/27/10	58	04/01/10	85	07/28/10	88	11/17/10	58
			Dichlorodifluoromethane	01/27/10	67	04/01/10	92	07/28/10	74	11/17/10	41
			Dichloroethane[1,1-]	01/27/10	360	04/01/10	510	07/28/10	520	11/17/10	340
			Dichloroethane[1,2-]	01/27/10	**220**	04/01/10	**340**	07/28/10	**290**	11/17/10	**190**
			Dichloroethene[1,1-]	01/27/10	550	04/01/10	680	07/28/10	740	11/17/10	390
			Dichloropropane[1,2-]	01/27/10	41	04/01/10	57	07/28/10	59	11/17/10	40
			Tetrachloroethene	01/27/10	420	04/01/10	**680**	07/28/10	**600**	11/17/10	**640**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	230	04/01/10	360	07/28/10	340	11/17/10	230
			Trichloroethane[1,1,1-]	01/27/10	**11000**	04/01/10	**18000**	07/28/10	**19000**	11/17/10	**11000**
			Trichloroethene	01/27/10	**2400**	04/01/10	**3600**	07/28/10	**3800**	11/17/10	**2800**
			Trichlorofluoromethane	01/27/10	63	04/01/10	99	07/28/10	98	11/17/10	48
	90	110	Carbon Tetrachloride	01/27/10	92	04/01/10	80	07/28/10	83	11/17/10	97
			Chloroform	01/27/10	220	04/01/10	250	07/28/10	230	11/17/10	280

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02021	90	110	Dichlorodifluoromethane	01/27/10	240	04/01/10	240	07/28/10	240	11/17/10	220
			Dichloroethane[1,1-]	01/27/10	1400	04/01/10	1400	07/28/10	**1600**	11/17/10	**1600**
			Dichloroethane[1,2-]	01/27/10	**1700**	04/01/10	**1800**	07/28/10	**1700**	11/17/10	**2000**
			Dichloroethene[1,1-]	01/27/10	**2300**	04/01/10	**1900**	07/28/10	**1900**	11/17/10	**2300**
			Dichloropropane[1,2-]	01/27/10	**200**	04/01/10	**200**	07/28/10	**210**	11/17/10	**230**
			Methylene Chloride	01/27/10	**640**	04/01/10	**700**	07/28/10	**760**	11/17/10	**750**
			Tetrachloroethene	01/27/10	**1400**	04/01/10	**1600**	07/28/10	**1500**	11/17/10	**1800**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	900	04/01/10	990	07/28/10	1000	11/17/10	1200
			Trichloroethane[1,1,1-]	01/27/10	**47000**	04/01/10	**53000**	07/28/10	**51000**	11/17/10	**55000**
			Trichloroethene	01/27/10	**9900**	04/01/10	**10000**	07/28/10	**10000**	11/17/10	**11000**
			Trichlorofluoromethane	01/27/10	230	04/01/10	260	07/28/10	260	11/17/10	270
	110	130	Carbon Tetrachloride	NS	NS	04/01/10	57	07/28/10	63	11/17/10	81
			Chloroform	NS	NS	04/01/10	170	07/28/10	210	11/17/10	280
			Dichlorodifluoromethane	NS	NS	04/01/10	180	07/28/10	220	11/17/10	250
			Dichloroethane[1,1-]	NS	NS	04/01/10	970	07/28/10	1200	11/17/10	**1600**
			Dichloroethane[1,2-]	NS	NS	04/01/10	**1100**	07/28/10	**1400**	11/17/10	**1800**
			Dichloroethene[1,1-]	NS	NS	04/01/10	**1400**	07/28/10	**1900**	11/17/10	**2600**
			Dichloropropane[1,2-]	NS	NS	04/01/10	**130**	07/28/10	**170**	11/17/10	**210**
			Methylene Chloride	NS	NS	04/01/10	**590**	07/28/10	**760**	11/17/10	**900**
			Tetrachloroethene	NS	NS	04/01/10	**970**	07/28/10	**1200**	11/17/10	**1600**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	NS	NS	04/01/10	730	07/28/10	980	11/17/10	1300
			Trichloroethane[1,1,1-]	NS	NS	04/01/10	**37000**	07/28/10	**45000**	11/17/10	**53000**
			Trichloroethene	NS	NS	04/01/10	**7200**	07/28/10	**9200**	11/17/10	**11000**
			Trichlorofluoromethane	NS	NS	04/01/10	190	07/28/10	240	11/17/10	290

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02021	130	150	Carbon Tetrachloride	01/27/10	120	04/01/10	92	07/28/10	95	11/17/10	97
			Chloroform	01/27/10	270	04/01/10	260	07/28/10	240	11/17/10	240
			Dichlorodifluoromethane	01/27/10	300	04/01/10	280	07/28/10	330	11/17/10	260
			Dichloroethane[1,1-]	01/27/10	**1600**	04/01/10	1400	07/28/10	**1500**	11/17/10	**1500**
			Dichloroethane[1,2-]	01/27/10	**1600**	04/01/10	**1500**	07/28/10	**1500**	11/17/10	**1600**
			Dichloroethene[1,1-]	01/27/10	**3000**	04/01/10	**2200**	07/28/10	**2400**	11/17/10	**2500**
			Dichloropropane[1,2-]	01/27/10	**190**	04/01/10	**160**	07/28/10	**180**	11/17/10	**190**
			Methylene Chloride	01/27/10	**1000**	04/01/10	**980**	07/28/10	**1200**	11/17/10	**1000**
			Tetrachloroethene	01/27/10	**1500**	04/01/10	**1400**	07/28/10	**1400**	11/17/10	**1700**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	1200	04/01/10	1200	07/28/10	1200	11/17/10	1200
			Trichloroethane[1,1,1-]	01/27/10	**58000**	04/01/10	**57000**	07/28/10	**54000**	11/17/10	**54000**
			Trichloroethene	01/27/10	**12000**	04/01/10	**11000**	07/28/10	**11000**	11/17/10	**12000**
			Trichlorofluoromethane	01/27/10	300	04/01/10	300	07/28/10	300	11/17/10	290
	150	170	Carbon Tetrachloride	01/27/10	72	NS	NS	NS	NS	NS	NS
			Chloroform	01/27/10	150	NS	NS	NS	NS	NS	NS
			Dichlorodifluoromethane	01/27/10	190	NS	NS	NS	NS	NS	NS
			Dichloroethane[1,1-]	01/27/10	840	NS	NS	NS	NS	NS	NS
			Dichloroethane[1,2-]	01/27/10	**690**	NS	NS	NS	NS	NS	NS
			Dichloroethene[1,1-]	01/27/10	**1800**	NS	NS	NS	NS	NS	NS
			Dichloropropane[1,2-]	01/27/10	89	NS	NS	NS	NS	NS	NS
			Methylene Chloride	01/27/10	**700**	NS	NS	NS	NS	NS	NS
			Tetrachloroethene	01/27/10	**810**	NS	NS	NS	NS	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	780	NS	NS	NS	NS	NS	NS
			Trichloroethane[1,1,1-]	01/27/10	**34000**	NS	NS	NS	NS	NS	NS
			Trichloroethene	01/27/10	**7200**	NS	NS	NS	NS	NS	NS
			Trichlorofluoromethane	01/27/10	190	NS	NS	NS	NS	NS	NS

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02022	37.5	42.5	Chloroform	01/28/10	280	04/05/10	310	08/02/10	270	12/06/10	380
			Dichlorodifluoromethane	01/28/10	260	04/05/10	280	08/02/10	240	12/06/10	390
			Dichloroethane[1,1-]	01/28/10	**2000**	04/05/10	**2000**	08/02/10	**1900**	12/06/10	**2000**
			Dichloroethane[1,2-]	01/28/10	**2200**	04/05/10	**2300**	08/02/10	**2000**	12/06/10	**2300**
			Dichloroethene[1,1-]	01/28/10	**2000**	04/05/10	**1600**	08/02/10	**1600**	12/06/10	**1700**
			Dichloropropane[1,2-]	01/28/10	**240**	04/05/10	**230**	08/02/10	**210**	12/06/10	**290**
			Methylene Chloride	01/28/10	98	04/05/10	94	08/02/10	77 (J)	12/06/10	ND
			Tetrachloroethene	01/28/10	**3200**	04/05/10	**3400**	08/02/10	**3200**	12/06/10	**4600**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	920	04/05/10	1100	08/02/10	1100	12/06/10	1300
			Trichloroethane[1,1,1-]	01/28/10	**65000**	04/05/10	**70000**	08/02/10	**62000**	12/06/10	**68000**
			Trichloroethene	01/28/10	**14000**	04/05/10	**14000**	08/02/10	**14000**	12/06/10	**17000**
			Trichlorofluoromethane	01/28/10	250	04/05/10	290	08/02/10	250	12/06/10	300
	77.5	82.5	Chloroform	01/28/10	310	04/05/10	360	08/02/10	330	12/06/10	420
			Dichlorodifluoromethane	01/28/10	300	04/05/10	340	08/02/10	300	12/06/10	490
			Dichloroethane[1,1-]	01/28/10	**2100**	04/05/10	**2300**	08/02/10	**2200**	12/06/10	**2600**
			Dichloroethane[1,2-]	01/28/10	**2700**	04/05/10	**3200**	08/02/10	**2800**	12/06/10	**3600**
			Dichloroethene[1,1-]	01/28/10	**2200**	04/05/10	**2100**	08/02/10	**2000**	12/06/10	**2200**
			Dichloropropane[1,2-]	01/28/10	**260**	04/05/10	**300**	08/02/10	**280**	12/06/10	**430**
			Methylene Chloride	01/28/10	**580**	04/05/10	**690**	08/02/10	**580**	12/06/10	**680**
			Tetrachloroethene	01/28/10	**2700**	04/05/10	**3500**	08/02/10	**3200**	12/06/10	**3900**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	890	04/05/10	1100	08/02/10	1100	12/06/10	1600
			Trichloroethane[1,1,1-]	01/28/10	**71000**	04/05/10	**84000**	08/02/10	**76000**	12/06/10	**86000**
			Trichloroethene	01/28/10	**14000**	04/05/10	**16000**	08/02/10	**15000**	12/06/10	**18000**
			Trichlorofluoromethane	01/28/10	270	04/05/10	340	08/02/10	300	12/06/10	380

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02022	117.5	122.5	Chloroform	01/28/10	380	04/05/10	410	08/02/10	380	12/06/10	400
			Dichlorodifluoromethane	01/28/10	380	04/05/10	390	08/02/10	350	12/06/10	500
			Dichloroethane[1,1-]	01/28/10	**2300**	04/05/10	**2400**	08/02/10	**2300**	12/06/10	**2300**
			Dichloroethane[1,2-]	01/28/10	**2600**	04/05/10	**2900**	08/02/10	**2600**	12/06/10	**2800**
			Dichloroethene[1,1-]	01/28/10	**3200**	04/05/10	**2800**	08/02/10	**2800**	12/06/10	**2600**
			Dichloropropane[1,2-]	01/28/10	**310**	04/05/10	**320**	08/02/10	**300**	12/06/10	**370**
			Methylene Chloride	01/28/10	**860**	04/05/10	**950**	08/02/10	**880**	12/06/10	**830**
			Tetrachloroethene	01/28/10	**2100**	04/05/10	**2700**	08/02/10	**2700**	12/06/10	**2700**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	1100	04/05/10	1200	08/02/10	1200	12/06/10	1300
			Trichloroethane[1,1,1-]	01/28/10	**85000**	04/05/10	**95000**	08/02/10	**85000**	12/06/10	**83000**
			Trichloroethene	01/28/10	**16000**	04/05/10	**17000**	08/02/10	**16000**	12/06/10	**16000**
			Trichlorofluoromethane	01/28/10	330	04/05/10	380	08/02/10	340	12/06/10	380
	137.5	142.5	Chloroform	01/28/10	310	04/05/10	370	08/02/10	330	12/06/10	380
			Dichlorodifluoromethane	01/28/10	350	04/05/10	400	08/02/10	350	12/06/10	570
			Dichloroethane[1,1-]	01/28/10	**1800**	04/05/10	**2000**	08/02/10	**2000**	12/06/10	**2100**
			Dichloroethane[1,2-]	01/28/10	**1600**	04/05/10	**1700**	08/02/10	**1600**	12/06/10	**2000**
			Dichloroethene[1,1-]	01/28/10	**3500**	04/05/10	**3200**	08/02/10	**3300**	12/06/10	**3300**
			Dichloropropane[1,2-]	01/28/10	**220**	04/05/10	**220**	08/02/10	**210**	12/06/10	**320**
			Methylene Chloride	01/28/10	**1400**	04/05/10	**1600**	08/02/10	**1500**	12/06/10	**1700**
			Tetrachloroethene	01/28/10	**1500**	04/05/10	**1800**	08/02/10	**1800**	12/06/10	**2000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/28/10	970	04/05/10	1200	08/02/10	1200	12/06/10	1400
			Trichloroethane[1,1,1-]	01/28/10	**74000**	04/05/10	**87000**	08/02/10	**79000**	12/06/10	**83000**
			Trichloroethene	01/28/10	**14000**	04/05/10	**16000**	08/02/10	**15000**	12/06/10	**16000**
			Trichlorofluoromethane	01/28/10	300	04/05/10	380	08/02/10	350	12/06/10	410

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02023	30	50	Carbon Tetrachloride	02/09/10	35	04/28/10	ND	08/05/10	33	12/16/10	34
			Chloroform	02/09/10	320	04/28/10	240	08/05/10	320	12/16/10	380
			Dichlorodifluoromethane	02/09/10	51	04/28/10	34	08/05/10	48	12/16/10	80
			Dichloroethane[1,1-]	02/09/10	130	04/28/10	99	08/05/10	140	12/16/10	140
			Dichloroethane[1,2-]	02/09/10	21	04/28/10	ND	08/05/10	19	12/16/10	ND
			Dichloroethene[1,1-]	02/09/10	740	04/28/10	570	08/05/10	740	12/16/10	810
			Dichloropropane[1,2-]	02/09/10	100	04/28/10	79	08/05/10	110	12/16/10	120
			Methylene Chloride	02/09/10	14	04/28/10	ND	08/05/10	14	12/16/10	ND
			Tetrachloroethene	02/09/10	240	04/28/10	180	08/05/10	260	12/16/10	270
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	1700	04/28/10	1400	08/05/10	1800	12/16/10	2000
			Trichloroethane[1,1,1-]	02/09/10	**8800**	04/28/10	6900	08/05/10	**9400**	12/16/10	**10000**
			Trichloroethene	02/09/10	**2600**	04/28/10	**2000**	08/05/10	**2600**	12/16/10	**3000**
			Trichlorofluoromethane	02/09/10	320	04/28/10	250	08/05/10	320	12/16/10	370
	90	110	Benzene	02/09/10	33	04/28/10	ND	08/05/10	42	12/16/10	41
			Carbon Tetrachloride	02/09/10	63	04/28/10	43	08/05/10	70	12/16/10	66
			Chloroform	02/09/10	440	04/28/10	410	08/05/10	580	12/16/10	570
			Dichlorodifluoromethane	02/09/10	74	04/28/10	62	08/05/10	85	12/16/10	130
			Dichloroethane[1,1-]	02/09/10	180	04/28/10	150	08/05/10	240	12/16/10	220
			Dichloroethane[1,2-]	02/09/10	48	04/28/10	45	08/05/10	**62**	12/16/10	**66**
			Dichloroethene[1,1-]	02/09/10	1100	04/28/10	910	08/05/10	**1400**	12/16/10	**1400**
			Dichloropropane[1,2-]	02/09/10	**130**	04/28/10	120	08/05/10	**180**	12/16/10	**170**
			Methylene Chloride	02/09/10	130	04/28/10	120	08/05/10	**190**	12/16/10	180
			Tetrachloroethene	02/09/10	300	04/28/10	280	08/05/10	440	12/16/10	390
			Toluene	02/09/10	25	04/28/10	ND	08/05/10	30	12/16/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	2400	04/28/10	2400	08/05/10	3200	12/16/10	3100
			Trichloroethane[1,1,1-]	02/09/10	**12000**	04/28/10	**12000**	08/05/10	**16000**	12/16/10	**15000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02023	90	110	Trichloroethene	02/09/10	**3700**	04/28/10	**3500**	08/05/10	**4800**	12/16/10	**4800**
			Trichlorofluoromethane	02/09/10	450	04/28/10	430	08/05/10	580	12/16/10	600
	110	130	Trichloroethane[1,1,1-]	NS	NS	NS	NS	08/05/10	220	NS	NS
			Trichloroethene	NS	NS	NS	NS	08/05/10	110	NS	NS
	130	149	Benzene	02/09/10	56	04/28/10	35	NS	NS	NS	NS
			Carbon Tetrachloride	02/09/10	100	04/28/10	57	NS	NS	NS	NS
			Chloroform	02/09/10	490	04/28/10	340	NS	NS	NS	NS
			Dichlorodifluoromethane	02/09/10	110	04/28/10	65	NS	NS	NS	NS
			Dichloroethane[1,1-]	02/09/10	190	04/28/10	120	NS	NS	NS	NS
			Dichloroethane[1,2-]	02/09/10	33	04/28/10	ND	NS	NS	NS	NS
			Dichloroethene[1,1-]	02/09/10	**1600**	04/28/10	970	NS	NS	NS	NS
			Dichloropropane[1,2-]	02/09/10	110	04/28/10	70	NS	NS	NS	NS
			Methylene Chloride	02/09/10	64	04/28/10	46	NS	NS	NS	NS
			Tetrachloroethene	02/09/10	340	04/28/10	230	NS	NS	NS	NS
			Toluene	02/09/10	35	04/28/10	ND	NS	NS	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	3200	04/28/10	2400	NS	NS	NS	NS
			Trichloroethane[1,1,1-]	02/09/10	**14000**	04/28/10	**10000**	NS	NS	NS	NS
			Trichloroethene	02/09/10	**4500**	04/28/10	**3200**	NS	NS	NS	NS
			Trichlorofluoromethane	02/09/10	570	04/28/10	430	NS	NS	NS	NS
54-02023	149	169	Benzene	02/09/10	66	04/28/10	52	08/05/10	79	12/16/10	61
			Carbon Tetrachloride	02/09/10	120	04/28/10	82	08/05/10	130	12/16/10	100
			Chloroform	02/09/10	510	04/28/10	430	08/05/10	640	12/16/10	530
			Dichlorodifluoromethane	02/09/10	130	04/28/10	95	08/05/10	130	12/16/10	170
			Dichloroethane[1,1-]	02/09/10	190	04/28/10	150	08/05/10	240	12/16/10	200
			Dichloroethane[1,2-]	02/09/10	32	04/28/10	ND	08/05/10	39	12/16/10	ND
			Dichloroethene[1,1-]	02/09/10	**1800**	04/28/10	**1400**	08/05/10	**2100**	12/16/10	**1700**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02023	149	169	Dichloropropane[1,2-]	02/09/10	100	04/28/10	78	08/05/10	**130**	12/16/10	110
			Methylene Chloride	02/09/10	150	04/28/10	140	08/05/10	**210**	12/16/10	140
			Tetrachloroethene	02/09/10	380	04/28/10	300	08/05/10	470	12/16/10	360
			Toluene	02/09/10	26	04/28/10	ND	08/05/10	36	12/16/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/09/10	3600	04/28/10	3400	08/05/10	4500	12/16/10	3700
			Trichloroethane[1,1,1-]	02/09/10	**14000**	04/28/10	**13000**	08/05/10	**18000**	12/16/10	**15000**
			Trichloroethene	02/09/10	**4800**	04/28/10	**4200**	08/05/10	**5900**	12/16/10	**5100**
			Trichlorofluoromethane	02/09/10	640	04/28/10	580	08/05/10	800	12/16/10	700
54-02024	30	50	Benzene	02/10/10	8.5	04/28/10	ND	08/10/10	21	12/14/10	22
			Carbon Tetrachloride	02/10/10	29	04/28/10	41	08/10/10	57	12/14/10	63
			Chloroform	02/10/10	220	04/28/10	430	08/10/10	510	12/14/10	590
			Cyclohexane	02/10/10	130	04/28/10	ND	08/10/10	ND	12/14/10	220
			Dichlorodifluoromethane	02/10/10	22	04/28/10	ND	08/10/10	43	12/14/10	52
			Dichloroethane[1,1-]	02/10/10	98	04/28/10	190	08/10/10	250	12/14/10	280
			Dichloroethane[1,2-]	02/10/10	30	04/28/10	57	08/10/10	**62**	12/14/10	**82**
			Dichloroethene[1,1-]	02/10/10	360	04/28/10	710	08/10/10	790	12/14/10	920
			Dichloropropane[1,2-]	02/10/10	**170**	04/28/10	**320**	08/10/10	**430**	12/14/10	**490**
			Tetrachloroethene	02/10/10	180	04/28/10	340	08/10/10	450	12/14/10	480
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	960	04/28/10	2100	08/10/10	2400	12/14/10	2500
			Trichloroethane[1,1,1-]	02/10/10	5500	04/28/10	**11000**	08/10/10	**13000**	12/14/10	**14000**
			Trichloroethene	02/10/10	**1500**	04/28/10	**3000**	08/10/10	**3700**	12/14/10	**3900**
			Trichlorofluoromethane	02/10/10	180	04/28/10	350	08/10/10	380	12/14/10	410
	90	110	Benzene	02/10/10	66	04/28/10	64	08/10/10	82	12/14/10	88
			Carbon Tetrachloride	02/10/10	110	04/28/10	94	08/10/10	130	12/14/10	130
			Chloroform	02/10/10	800	04/28/10	830	08/10/10	1000	12/14/10	1100
			Cyclohexane	02/10/10	460	04/28/10	ND	08/10/10	580	12/14/10	430

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02024	90	110	Dichlorodifluoromethane	02/10/10	85	04/28/10	76	08/10/10	86	12/14/10	110
			Dichloroethane[1,1-]	02/10/10	310	04/28/10	300	08/10/10	410	12/14/10	480
			Dichloroethane[1,2-]	02/10/10	**180**	04/28/10	**180**	08/10/10	**220**	12/14/10	**260**
			Dichloroethene[1,1-]	02/10/10	**1400**	04/28/10	1300	08/10/10	**1700**	12/14/10	**2100**
			Dichloropropane[1,2-]	02/10/10	**540**	04/28/10	**520**	08/10/10	**700**	12/14/10	**800**
			Methylene Chloride	02/10/10	**340**	04/28/10	**360**	08/10/10	**410**	12/14/10	**400**
			Tetrachloroethene	02/10/10	**650**	04/28/10	**610**	08/10/10	**800**	12/14/10	**850**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	3600	04/28/10	4100	08/10/10	4700	12/14/10	5100
			Trichloroethane[1,1,1-]	02/10/10	**19000**	04/28/10	**21000**	08/10/10	**24000**	12/14/10	**27000**
			Trichloroethene	02/10/10	**5500**	04/28/10	**5900**	08/10/10	**6900**	12/14/10	**7500**
			Trichlorofluoromethane	02/10/10	690	04/28/10	770	08/10/10	830	12/14/10	920
	130	150	Benzene	02/10/10	100	04/28/10	110	08/10/10	140	NS	NS
			Carbon Tetrachloride	02/10/10	140	04/28/10	120	08/10/10	170	NS	NS
			Chloroform	02/10/10	860	04/28/10	900	08/10/10	1200	NS	NS
			Cyclohexane	02/10/10	480	04/28/10	ND	08/10/10	ND	NS	NS
			Dichlorodifluoromethane	02/10/10	110	04/28/10	100	08/10/10	100	NS	NS
			Dichloroethane[1,1-]	02/10/10	300	04/28/10	320	08/10/10	410	NS	NS
			Dichloroethane[1,2-]	02/10/10	**200**	04/28/10	**210**	08/10/10	**250**	NS	NS
			Dichloroethene[1,1-]	02/10/10	**1800**	04/28/10	**2000**	08/10/10	**2000**	NS	NS
			Dichloropropane[1,2-]	02/10/10	**460**	04/28/10	**450**	08/10/10	**610**	NS	NS
			Methylene Chloride	02/10/10	**860**	04/28/10	**1000**	08/10/10	**1100**	NS	NS
			Tetrachloroethene	02/10/10	**660**	04/28/10	**630**	08/10/10	**850**	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	4100	04/28/10	4800	08/10/10	5000	NS	NS
			Trichloroethane[1,1,1-]	02/10/10	**20000**	04/28/10	**21000**	08/10/10	**26000**	NS	NS
			Trichloroethene	02/10/10	**6100**	04/28/10	**6300**	08/10/10	**8000**	NS	NS
			Trichlorofluoromethane	02/10/10	800	04/28/10	900	08/10/10	910	NS	NS

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02024	150	170	Benzene	02/10/10	140	04/28/10	130	08/10/10	160	12/14/10	160
			Carbon Tetrachloride	02/10/10	160	04/28/10	140	08/10/10	170	12/14/10	160
			Chloroform	02/10/10	1000	04/28/10	1000	08/10/10	1200	12/14/10	1100
			Cyclohexane	02/10/10	540	04/28/10	ND	08/10/10	ND	12/14/10	400
			Dichlorodifluoromethane	02/10/10	130	04/28/10	120	08/10/10	120	12/14/10	140
			Dichloroethane[1,1-]	02/10/10	340	04/28/10	320	08/10/10	380	12/14/10	390
			Dichloroethane[1,2-]	02/10/10	**220**	04/28/10	**240**	08/10/10	**230**	12/14/10	**250**
			Dichloroethene[1,1-]	02/10/10	**2300**	04/28/10	**2100**	08/10/10	**2200**	12/14/10	**2600**
			Dichloropropane[1,2-]	02/10/10	**480**	04/28/10	**440**	08/10/10	**570**	12/14/10	**560**
			Methylene Chloride	02/10/10	**1400**	04/28/10	**1500**	08/10/10	**1500**	12/14/10	**1400**
			Tetrachloroethene	02/10/10	**700**	04/28/10	**660**	08/10/10	**860**	12/14/10	**750**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	5000	04/28/10	5500	08/10/10	5400	12/14/10	5300
			Trichloroethane[1,1,1-]	02/10/10	**22000**	04/28/10	**24000**	08/10/10	**25000**	12/14/10	**24000**
			Trichloroethene	02/10/10	**6900**	04/28/10	**7300**	08/10/10	**8000**	12/14/10	**7400**
			Trichlorofluoromethane	02/10/10	960	04/28/10	1100	08/10/10	950	12/14/10	1000
54-02025	20	20	Carbon Tetrachloride	02/02/10	160	04/27/10	140	08/09/10	160	12/10/10	150
			Chloroform	02/02/10	1100	04/27/10	1200	08/09/10	1200	12/10/10	1300
			Dichlorodifluoromethane	02/02/10	69	04/27/10	ND	08/09/10	60	12/10/10	95
			Dichloroethane[1,1-]	02/02/10	610	04/27/10	630	08/09/10	680	12/10/10	670
			Dichloroethane[1,2-]	02/02/10	**260**	04/27/10	**260**	08/09/10	**260**	12/10/10	**340**
			Dichloroethene[1,1-]	02/02/10	1300	04/27/10	1100	08/09/10	1100	12/10/10	1100
			Dichloropropane[1,2-]	02/02/10	**2000**	04/27/10	**1900**	08/09/10	**2200**	12/10/10	**2200**
			Tetrachloroethene	02/02/10	**1400**	04/27/10	**1400**	08/09/10	**1500**	12/10/10	**1400**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/02/10	7000	04/27/10	9400	08/09/10	8300	12/10/10	9700
			Trichloroethane[1,1,1-]	02/02/10	**32000**	04/27/10	**39000**	08/09/10	**35000**	12/10/10	**34000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02025	20	20	Trichloroethane[1,1,2-]	02/02/10	**ND**	04/27/10	**ND**	08/09/10	**53**	12/10/10	**ND**
			Trichloroethene	02/02/10	**7000**	04/27/10	**7700**	08/09/10	**7700**	12/10/10	**7900**
			Trichlorofluoromethane	02/02/10	630	04/27/10	710	08/09/10	540	12/10/10	630
	100	100	Benzene	02/02/10	240	04/27/10	220	08/09/10	240	12/10/10	190
			Carbon Tetrachloride	02/02/10	360	04/27/10	270	08/09/10	290	12/10/10	250
			Chlorobenzene	02/02/10	100	04/27/10	ND	08/09/10	96	12/10/10	ND
			Chloroform	02/02/10	2100	04/27/10	2400	08/09/10	2300	12/10/10	2200
			Dichlorodifluoromethane	02/02/10	ND	04/27/10	ND	08/09/10	130	12/10/10	210
			Dichloroethane[1,1-]	02/02/10	920	04/27/10	1000	08/09/10	1000	12/10/10	940
			Dichloroethane[1,2-]	02/02/10	**1300**	04/27/10	**1400**	08/09/10	**1300**	12/10/10	**1200**
			Dichloroethene[1,1-]	02/02/10	**2600**	04/27/10	**3000**	08/09/10	**3200**	12/10/10	**2800**
			Dichloropropane[1,2-]	02/02/10	**3600**	04/27/10	**3300**	08/09/10	**3500**	12/10/10	**3000**
			Ethanol	02/02/10	ND	04/27/10	ND	08/09/10	ND	12/10/10	870
			Methylene Chloride	02/02/10	**1900**	04/27/10	**1900**	08/09/10	**1800**	12/10/10	**1600**
			Tetrachloroethene	02/02/10	**2200**	04/27/10	**2200**	08/09/10	**2100**	12/10/10	**1900**
			Tetrahydrofuran	02/02/10	360	04/27/10	280	08/09/10	320	12/10/10	240
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/02/10	7000	04/27/10	11000	08/09/10	10000	12/10/10	9800
			Trichloroethane[1,1,1-]	02/02/10	**58000**	04/27/10	**63000**	08/09/10	**59000**	12/10/10	**55000**
			Trichloroethene	02/02/10	**14000**	04/27/10	**16000**	08/09/10	**15000**	12/10/10	**13000**
			Trichlorofluoromethane	02/02/10	1400	04/27/10	1700	08/09/10	1300	12/10/10	1500
			Xylene[1,2-]	02/02/10	170	04/27/10	ND	08/09/10	120	12/10/10	ND
	160	160	Benzene	02/02/10	**370**	04/27/10	300	08/09/10	**410**	12/10/10	330
			Carbon Tetrachloride	02/02/10	390	04/27/10	300	08/09/10	380	12/10/10	320
			Chlorobenzene	02/02/10	99	04/27/10	ND	08/09/10	110	12/10/10	ND
			Chloroform	02/02/10	2600	04/27/10	2400	08/09/10	2700	12/10/10	2500
			Dichlorodifluoromethane	02/02/10	220	04/27/10	ND	08/09/10	170	12/10/10	280

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02025	160	160	Dichloroethane[1,1-]	02/02/10	990	04/27/10	900	08/09/10	1000	12/10/10	910
			Dichloroethane[1,2-]	02/02/10	**1200**	04/27/10	**1100**	08/09/10	**1300**	12/10/10	**1200**
			Dichloroethene[1,1-]	02/02/10	**4700**	04/27/10	**4000**	08/09/10	**4700**	12/10/10	**4200**
			Dichloropropane[1,2-]	02/02/10	**3000**	04/27/10	**2600**	08/09/10	**3100**	12/10/10	**2700**
			Ethanol	02/02/10	ND	04/27/10	ND	08/09/10	440	12/10/10	ND
			Hexane	02/02/10	88	04/27/10	ND	08/09/10	79	12/10/10	ND
			Methylene Chloride	02/02/10	**4600**	04/27/10	**4400**	08/09/10	**5500**	12/10/10	**4800**
			Tetrachloroethene	02/02/10	**2200**	04/27/10	**1900**	08/09/10	**2200**	12/10/10	**2000**
			Toluene	02/02/10	540	04/27/10	380	08/09/10	570	12/10/10	440
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/02/10	11000	04/27/10	12000	08/09/10	12000	12/10/10	11000
			Trichloroethane[1,1,1-]	02/02/10	**58000**	04/27/10	**58000**	08/09/10	**61000**	12/10/10	**57000**
			Trichloroethene	02/02/10	**17000**	04/27/10	**16000**	08/09/10	**18000**	12/10/10	**16000**
			Trichlorofluoromethane	02/02/10	2000	04/27/10	2000	08/09/10	2000	12/10/10	2000
			Xylene[1,2-]	02/02/10	170	04/27/10	ND	08/09/10	180	12/10/10	160
			Xylene[1,3-]+Xylene[1,4-]	02/02/10	69	04/27/10	ND	08/09/10	75	12/10/10	ND
54-02026	20	20	Carbon Tetrachloride	02/05/10	5.5	04/29/10	5.2	08/10/10	ND	12/14/10	ND
			Chloroform	02/05/10	46	04/29/10	43	08/10/10	51	12/14/10	48
			Cyclohexane	02/05/10	ND	04/29/10	ND	08/10/10	ND	12/14/10	17
			Dichlorodifluoromethane	02/05/10	8.6	04/29/10	7.9	08/10/10	ND	12/14/10	ND
			Dichloroethane[1,1-]	02/05/10	11	04/29/10	9.4	08/10/10	12	12/14/10	12
			Dichloroethene[1,1-]	02/05/10	68	04/29/10	69	08/10/10	76	12/14/10	85
			Dichloropropane[1,2-]	02/05/10	9.1	04/29/10	6.4	08/10/10	8.7 (J)	12/14/10	ND
			Tetrachloroethene	02/05/10	32	04/29/10	29	08/10/10	37	12/14/10	35
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	220	04/29/10	240	08/10/10	260	12/14/10	240
			Trichloroethane[1,1,1-]	02/05/10	1000	04/29/10	1000	08/10/10	1100	12/14/10	1100
			Trichloroethene	02/05/10	290	04/29/10	280	08/10/10	310	12/14/10	300

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02026	20	20	Trichlorofluoromethane	02/05/10	50	04/29/10	46	08/10/10	46	12/14/10	44
	100	100	Carbon Tetrachloride	02/05/10	22	04/29/10	14	08/10/10	17	12/14/10	16
			Chloroform	02/05/10	130	04/29/10	92	08/10/10	110	12/14/10	110
			Cyclohexane	02/05/10	ND	04/29/10	ND	08/10/10	ND	12/14/10	39
			Dichlorodifluoromethane	02/05/10	26	04/29/10	20	08/10/10	21	12/14/10	23
			Dichloroethane[1,1-]	02/05/10	30	04/29/10	20	08/10/10	26	12/14/10	29
			Dichloroethene[1,1-]	02/05/10	220	04/29/10	190	08/10/10	230	12/14/10	260
			Dichloropropane[1,2-]	02/05/10	23	04/29/10	12	08/10/10	17	12/14/10	18
			Methylene Chloride	02/05/10	12	04/29/10	8.9	08/10/10	10	12/14/10	10
			Tetrachloroethene	02/05/10	87	04/29/10	61	08/10/10	79	12/14/10	74
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	680	04/29/10	590	08/10/10	660	12/14/10	630
			Trichloroethane[1,1,1-]	02/05/10	3200	04/29/10	2100	08/10/10	2400	12/14/10	2400
			Trichloroethene	02/05/10	**860**	04/29/10	**620**	08/10/10	**700**	12/14/10	**700**
			Trichlorofluoromethane	02/05/10	150	04/29/10	100	08/10/10	110	12/14/10	120
	160	160	Carbon Tetrachloride	02/05/10	36	04/29/10	24	08/10/10	27	12/14/10	28
			Chloroform	02/05/10	150	04/29/10	110	08/10/10	120	12/14/10	120
			Cyclohexane	02/05/10	ND	04/29/10	ND	08/10/10	ND	12/14/10	48
			Dichlorodifluoromethane	02/05/10	45	04/29/10	34	08/10/10	35	12/14/10	36
			Dichloroethane[1,1-]	02/05/10	35	04/29/10	24	08/10/10	28	12/14/10	31
			Dichloroethene[1,1-]	02/05/10	360	04/29/10	320	08/10/10	350	12/14/10	400
			Dichloropropane[1,2-]	02/05/10	15	04/29/10	8.3	08/10/10	12	12/14/10	12
			Methylene Chloride	02/05/10	76	04/29/10	52	08/10/10	60	12/14/10	56
			Tetrachloroethene	02/05/10	110	04/29/10	80	08/10/10	97	12/14/10	96
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	1000	04/29/10	880	08/10/10	940	12/14/10	940
			Trichloroethane[1,1,1-]	02/05/10	4000	04/29/10	2700	08/10/10	2900	12/14/10	2900
			Trichloroethene	02/05/10	**1200**	04/29/10	**800**	08/10/10	**890**	12/14/10	**890**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02026	160	160	Trichlorofluoromethane	02/05/10	220	04/29/10	150	08/10/10	150	12/14/10	160
54-02027	20	20	Carbon Tetrachloride	02/04/10	13	04/27/10	ND	08/11/10	10	12/09/10	ND
			Chloroform	02/04/10	210	04/27/10	170	08/11/10	220	12/09/10	190
			Dichlorodifluoromethane	02/04/10	23	04/27/10	16	08/11/10	18	12/09/10	18
			Dichloroethane[1,1-]	02/04/10	56	04/27/10	43	08/11/10	60	12/09/10	54
			Dichloroethene[1,1-]	02/04/10	300	04/27/10	220	08/11/10	280	12/09/10	260
			Dichloropropane[1,2-]	02/04/10	88	04/27/10	64	08/11/10	97	12/09/10	90
			Tetrachloroethene	02/04/10	140	04/27/10	110	08/11/10	160	12/09/10	130
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/04/10	870	04/27/10	750	08/11/10	860	12/09/10	660
			Trichloroethane[1,1,1-]	02/04/10	4400	04/27/10	3600	08/11/10	4500	12/09/10	3700
			Trichloroethene	02/04/10	**1100**	04/27/10	**920**	08/11/10	**1200**	12/09/10	**930**
			Trichlorofluoromethane	02/04/10	170	04/27/10	140	08/11/10	160	12/09/10	130
	100	100	Benzene	02/04/10	25	04/27/10	ND	08/11/10	36	12/09/10	32
			Carbon Tetrachloride	02/04/10	41	04/27/10	ND	08/11/10	52	12/09/10	41
			Chloroform	02/04/10	400	04/27/10	460	08/11/10	600	12/09/10	530
			Dichlorodifluoromethane	02/04/10	49	04/27/10	49	08/11/10	57	12/09/10	59
			Dichloroethane[1,1-]	02/04/10	100	04/27/10	110	08/11/10	160	12/09/10	150
			Dichloroethane[1,2-]	02/04/10	39	04/27/10	43	08/11/10	56	12/09/10	52
			Dichloroethene[1,1-]	02/04/10	670	04/27/10	680	08/11/10	930	12/09/10	930
			Dichloropropane[1,2-]	02/04/10	**180**	04/27/10	**190**	08/11/10	**270**	12/09/10	**260**
			Methylene Chloride	02/04/10	120	04/27/10	150	08/11/10	180	12/09/10	150
			Tetrachloroethene	02/04/10	270	04/27/10	290	08/11/10	420	12/09/10	340
			Toluene	02/04/10	12	04/27/10	ND	08/11/10	ND	12/09/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/04/10	1800	04/27/10	2200	08/11/10	2700	12/09/10	2300
			Trichloroethane[1,1,1-]	02/04/10	**7900**	04/27/10	**9600**	08/11/10	**12000**	12/09/10	**11000**
			Trichloroethene	02/04/10	**2200**	04/27/10	**2600**	08/11/10	**3400**	12/09/10	**2800**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02027	100	100	Trichlorofluoromethane	02/04/10	320	04/27/10	390	08/11/10	480	12/09/10	420
	200	200	Acetone	02/04/10	110	04/27/10	ND	08/11/10	ND	12/09/10	ND
			Benzene	02/04/10	100	04/27/10	53	08/11/10	88	12/09/10	63
			Carbon Tetrachloride	02/04/10	110	04/27/10	53	08/11/10	96	12/09/10	62
			Chloroform	02/04/10	570	04/27/10	320	08/11/10	490	12/09/10	340
			Dichlorodifluoromethane	02/04/10	120	04/27/10	66	08/11/10	120	12/09/10	79
			Dichloroethane[1,1-]	02/04/10	130	04/27/10	66	08/11/10	120	12/09/10	87
			Dichloroethane[1,2-]	02/04/10	33	04/27/10	ND	08/11/10	28	12/09/10	20
			Dichloroethene[1,1-]	02/04/10	**1700**	04/27/10	960	08/11/10	**1500**	12/09/10	1200
			Dichloropropane[1,2-]	02/04/10	110	04/27/10	54	08/11/10	100	12/09/10	67
			Methylene Chloride	02/04/10	**830**	04/27/10	**520**	08/11/10	**870**	12/09/10	**510**
			Tetrachloroethene	02/04/10	410	04/27/10	210	08/11/10	390	12/09/10	240
			Toluene	02/04/10	220	04/27/10	110	08/11/10	210	12/09/10	120
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/04/10	3600	04/27/10	2100	08/11/10	3400	12/09/10	2200
			Trichloroethane[1,1,1-]	02/04/10	**11000**	04/27/10	6500	08/11/10	**10000**	12/09/10	7100
			Trichloroethene	02/04/10	**3600**	04/27/10	**2000**	08/11/10	**3200**	12/09/10	**2100**
			Trichlorofluoromethane	02/04/10	600	04/27/10	360	08/11/10	530	12/09/10	400
54-02028	20	20	Carbon Tetrachloride	02/10/10	7.7	04/27/10	7.2	08/12/10	ND	12/15/10	ND
			Chloroform	02/10/10	70	04/27/10	62	08/12/10	65	12/15/10	59
			Cyclohexane	02/10/10	46	04/27/10	ND	08/12/10	ND	12/15/10	25
			Dichlorodifluoromethane	02/10/10	10	04/27/10	7.9	08/12/10	9	12/15/10	ND
			Dichloroethane[1,1-]	02/10/10	25	04/27/10	21	08/12/10	23	12/15/10	22
			Dichloroethene[1,1-]	02/10/10	120	04/27/10	99	08/12/10	110	12/15/10	120
			Dichloropropane[1,2-]	02/10/10	21	04/27/10	20	08/12/10	26	12/15/10	22
			Tetrachloroethene	02/10/10	48	04/27/10	49	08/12/10	64	12/15/10	52
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	370	04/27/10	350	08/12/10	350	12/15/10	300

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02028	20	20	Trichloroethane[1,1,1-]	02/10/10	2000	04/27/10	1800	08/12/10	1700	12/15/10	1600
			Trichloroethene	02/10/10	**490**	04/27/10	**490**	08/12/10	**530**	12/15/10	**460**
			Trichlorofluoromethane	02/10/10	70	04/27/10	62	08/12/10	57	12/15/10	54
	100	100	Carbon Tetrachloride	02/10/10	15	04/27/10	12	08/12/10	15	12/15/10	15
			Chloroform	02/10/10	100	04/27/10	100	08/12/10	100	12/15/10	100
			Cyclohexane	02/10/10	60	04/27/10	ND	08/12/10	ND	12/15/10	40
			Dichlorodifluoromethane	02/10/10	22	04/27/10	18	08/12/10	19	12/15/10	19
			Dichloroethane[1,1-]	02/10/10	34	04/27/10	30	08/12/10	35	12/15/10	34
			Dichloroethene[1,1-]	02/10/10	240	04/27/10	210	08/12/10	230	12/15/10	250
			Dichloropropane[1,2-]	02/10/10	25	04/27/10	21	08/12/10	26	12/15/10	26
			Methylene Chloride	02/10/10	24	04/27/10	24	08/12/10	29	12/15/10	24
			Tetrachloroethene	02/10/10	74	04/27/10	64	08/12/10	82	12/15/10	70
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	610	04/27/10	620	08/12/10	660	12/15/10	590
			Trichloroethane[1,1,1-]	02/10/10	2600	04/27/10	2600	08/12/10	2600	12/15/10	2500
			Trichloroethene	02/10/10	**800**	04/27/10	**780**	08/12/10	**850**	12/15/10	**760**
			Trichlorofluoromethane	02/10/10	110	04/27/10	110	08/12/10	110	12/15/10	110
	160	160	Carbon Tetrachloride	02/10/10	26	04/27/10	22	08/12/10	23	12/15/10	22
			Chloroform	02/10/10	110	04/27/10	110	08/12/10	110	12/15/10	100
			Cyclohexane	02/10/10	71	04/27/10	ND	08/12/10	ND	12/15/10	44
			Dichlorodifluoromethane	02/10/10	37	04/27/10	33	08/12/10	31	12/15/10	30
			Dichloroethane[1,1-]	02/10/10	34	04/27/10	29	08/12/10	33	12/15/10	32
			Dichloroethene[1,1-]	02/10/10	360	04/27/10	320	08/12/10	350	12/15/10	340
			Dichloropropane[1,2-]	02/10/10	13	04/27/10	11	08/12/10	14	12/15/10	13
			Methylene Chloride	02/10/10	70	04/27/10	69	08/12/10	79	12/15/10	62
			Tetrachloroethene	02/10/10	83	04/27/10	74	08/12/10	84	12/15/10	75
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	880	04/27/10	880	08/12/10	900	12/15/10	780

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02028	160	160	Trichloroethane[1,1,1-]	02/10/10	2900	04/27/10	2900	08/12/10	2900	12/15/10	2600
			Trichloroethene	02/10/10	**980**	04/27/10	**950**	08/12/10	**970**	12/15/10	**840**
			Trichlorofluoromethane	02/10/10	150	04/27/10	160	08/12/10	150	12/15/10	140
54-02031	20	20	Carbon Tetrachloride	01/27/10	24	04/02/10	39	07/28/10	30	11/18/10	29
			Chloroform	01/27/10	90	04/02/10	150	07/28/10	140	11/18/10	140
			Dichlorodifluoromethane	01/27/10	39	04/02/10	71	07/28/10	62	11/18/10	46
			Dichloroethane[1,1-]	01/27/10	190	04/02/10	310	07/28/10	300	11/18/10	260
			Dichloroethane[1,2-]	01/27/10	43	04/02/10	**72**	07/28/10	58	11/18/10	**ND**
			Dichloroethene[1,1-]	01/27/10	490	04/02/10	810	07/28/10	760	11/18/10	640
			Dichloropropane[1,2-]	01/27/10	18	04/02/10	28	07/28/10	26	11/18/10	ND
			Tetrachloroethene	01/27/10	320	04/02/10	**580**	07/28/10	530	11/18/10	480
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	380	04/02/10	740	07/28/10	650	11/18/10	540
			Trichloroethane[1,1,1-]	01/27/10	7000	04/02/10	**13000**	07/28/10	**12000**	11/18/10	**9900**
			Trichloroethene	01/27/10	**1800**	04/02/10	**3100**	07/28/10	**2900**	11/18/10	**2500**
			Trichlorofluoromethane	01/27/10	68	04/02/10	140	07/28/10	100	11/18/10	85
	100	100	Carbon Tetrachloride	01/27/10	110	04/02/10	120	07/28/10	72	11/18/10	75
			Chloroform	01/27/10	300	04/02/10	340	07/28/10	230	11/18/10	240
			Dichlorodifluoromethane	01/27/10	160	04/02/10	170	07/28/10	100	11/18/10	100
			Dichloroethane[1,1-]	01/27/10	720	04/02/10	750	07/28/10	510	11/18/10	560
			Dichloroethane[1,2-]	01/27/10	**350**	04/02/10	**400**	07/28/10	**280**	11/18/10	**ND**
			Dichloroethene[1,1-]	01/27/10	**2000**	04/02/10	**2000**	07/28/10	**1400**	11/18/10	**1600**
			Dichloropropane[1,2-]	01/27/10	81	04/02/10	85	07/28/10	67	11/18/10	ND
			Methylene Chloride	01/27/10	**240**	04/02/10	**290**	07/28/10	**200**	11/18/10	**200**
			Tetrachloroethene	01/27/10	**1100**	04/02/10	**1400**	07/28/10	**820**	11/18/10	**930**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	1900	04/02/10	2100	07/28/10	1400	11/18/10	1500
			Trichloroethane[1,1,1-]	01/27/10	**28000**	04/02/10	**33000**	07/28/10	**22000**	11/18/10	**22000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02031	100	100	Trichloroethene	01/27/10	**7200**	04/02/10	**8000**	07/28/10	**5100**	11/18/10	**5100**
			Trichlorofluoromethane	01/27/10	300	04/02/10	350	07/28/10	230	11/18/10	230
	160	160	Carbon Tetrachloride	01/27/10	120	04/02/10	140	07/28/10	100	11/18/10	88
			Chloroform	01/27/10	260	04/02/10	340	07/28/10	270	11/18/10	230
			Dichlorodifluoromethane	01/27/10	170	04/02/10	240	07/28/10	210	11/18/10	140
			Dichloroethane[1,1-]	01/27/10	580	04/02/10	690	07/28/10	580	11/18/10	540
			Dichloroethane[1,2-]	01/27/10	**230**	04/02/10	**280**	07/28/10	**240**	11/18/10	**ND**
			Dichloroethene[1,1-]	01/27/10	**2000**	04/02/10	**2400**	07/28/10	**2000**	11/18/10	**1800**
			Dichloropropane[1,2-]	01/27/10	56	04/02/10	61	07/28/10	66	11/18/10	ND
			Methylene Chloride	01/27/10	**350**	04/02/10	**490**	07/28/10	**430**	11/18/10	**330**
			Tetrachloroethene	01/27/10	**1000**	04/02/10	**1500**	07/28/10	**1200**	11/18/10	**990**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	2100	04/02/10	2800	07/28/10	2200	11/18/10	1900
			Trichloroethane[1,1,1-]	01/27/10	**26000**	04/02/10	**35000**	07/28/10	**26000**	11/18/10	**23000**
			Trichloroethene	01/27/10	**6900**	04/02/10	**8700**	07/28/10	**7400**	11/18/10	**6000**
			Trichlorofluoromethane	01/27/10	330	04/02/10	460	07/28/10	360	11/18/10	280
	260	260	Benzene	01/27/10	20	04/02/10	ND	07/28/10	20	11/18/10	27
			Carbon Tetrachloride	01/27/10	110	04/02/10	100	07/28/10	96	11/18/10	100
			Chloroform	01/27/10	170	04/02/10	160	07/28/10	150	11/18/10	200
			Dichlorodifluoromethane	01/27/10	200	04/02/10	180	07/28/10	160	11/18/10	200
			Dichloroethane[1,1-]	01/27/10	330	04/02/10	290	07/28/10	300	11/18/10	390
			Dichloroethane[1,2-]	01/27/10	**66**	04/02/10	56	07/28/10	**66**	11/18/10	**ND**
			Dichloroethene[1,1-]	01/27/10	**2100**	04/02/10	**1900**	07/28/10	**2000**	11/18/10	**2400**
			Dichloropropane[1,2-]	01/27/10	19	04/02/10	ND	07/28/10	22	11/18/10	ND
			Methylene Chloride	01/27/10	**250**	04/02/10	**240**	07/28/10	**280**	11/18/10	**330**
			Tetrachloroethene	01/27/10	**820**	04/02/10	**830**	07/28/10	**840**	11/18/10	**1000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	2200	04/02/10	2200	07/28/10	2000	11/18/10	2600

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02031	260	260	Trichloroethane[1,1,1-]	01/27/10	**17000**	04/02/10	**18000**	07/28/10	**15000**	11/18/10	**20000**
			Trichloroethene	01/27/10	**5200**	04/02/10	**5000**	07/28/10	**4900**	11/18/10	**6000**
			Trichlorofluoromethane	01/27/10	350	04/02/10	360	07/28/10	360	11/18/10	370
54-02034	20	20	Carbon Disulfide	01/29/10	ND	04/02/10	ND	08/02/10	17	11/23/10	ND
			Carbon Tetrachloride	01/29/10	ND	04/02/10	15	08/02/10	ND	11/23/10	ND
			Chloroform	01/29/10	26	04/02/10	13	08/02/10	26	11/23/10	25
			Dichlorodifluoromethane	01/29/10	ND	04/02/10	85	08/02/10	31	11/23/10	21
			Dichloroethane[1,1-]	01/29/10	88	04/02/10	70	08/02/10	93	11/23/10	77
			Dichloroethene[1,1-]	01/29/10	220	04/02/10	580	08/02/10	220	11/23/10	190
			Methylene Chloride	01/29/10	ND	04/02/10	35	08/02/10	ND	11/23/10	ND
			Tetrachloroethene	01/29/10	85	04/02/10	66	08/02/10	98	11/23/10	86
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	73	04/02/10	200	08/02/10	82	11/23/10	67
			Trichloroethane[1,1,1-]	01/29/10	6100	04/02/10	5500	08/02/10	6600	11/23/10	5100
			Trichloroethene	01/29/10	**940**	04/02/10	**990**	08/02/10	**990**	11/23/10	**830**
			Trichlorofluoromethane	01/29/10	29	04/02/10	96	08/02/10	30	11/23/10	23
	60	60	Chloroform	01/29/10	33	04/02/10	38	08/02/10	42	11/23/10	30
			Dichlorodifluoromethane	01/29/10	44	04/02/10	48	08/02/10	44	11/23/10	38
			Dichloroethane[1,1-]	01/29/10	140	04/02/10	170	08/02/10	160	11/23/10	140
			Dichloroethane[1,2-]	01/29/10	47	04/02/10	57	08/02/10	51	11/23/10	46
			Dichloroethene[1,1-]	01/29/10	320	04/02/10	330	08/02/10	330	11/23/10	320
			Dichloropropane[1,2-]	01/29/10	9.9	04/02/10	11	08/02/10	ND	11/23/10	11
			Methylene Chloride	01/29/10	18	04/02/10	21	08/02/10	19	11/23/10	19
			Tetrachloroethene	01/29/10	100	04/02/10	130	08/02/10	130	11/23/10	100
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	95	04/02/10	120	08/02/10	110	11/23/10	97
			Trichloroethane[1,1,1-]	01/29/10	**8000**	04/02/10	**9600**	08/02/10	**9200**	11/23/10	7300
			Trichloroethene	01/29/10	**1400**	04/02/10	**1600**	08/02/10	**1600**	11/23/10	**1300**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02034	60	60	Trichlorofluoromethane	01/29/10	38	04/02/10	47	08/02/10	43	11/23/10	35
	160	160	Acetone	01/29/10	ND	04/02/10	ND	08/02/10	40	11/23/10	ND
			Carbon Tetrachloride	01/29/10	8.5	04/02/10	14	08/02/10	13	11/23/10	12
			Chloroform	01/29/10	14	04/02/10	26	08/02/10	25	11/23/10	22
			Dichlorodifluoromethane	01/29/10	49	04/02/10	87	08/02/10	81	11/23/10	67
			Dichloroethane[1,1-]	01/29/10	71	04/02/10	130	08/02/10	130	11/23/10	110
			Dichloroethane[1,2-]	01/29/10	8.5	04/02/10	16	08/02/10	15	11/23/10	14
			Dichloroethene[1,1-]	01/29/10	350	04/02/10	610	08/02/10	620	11/23/10	560
			Methylene Chloride	01/29/10	30	04/02/10	56	08/02/10	56	11/23/10	49
			Tetrachloroethene	01/29/10	52	04/02/10	99	08/02/10	100	11/23/10	80
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	110	04/02/10	200	08/02/10	190	11/23/10	160
			Trichloroethane[1,1,1-]	01/29/10	4600	04/02/10	**8600**	08/02/10	**8300**	11/23/10	7100
			Trichloroethene	01/29/10	**880**	04/02/10	**1600**	08/02/10	**1600**	11/23/10	**1300**
			Trichlorofluoromethane	01/29/10	50	04/02/10	95	08/02/10	87	11/23/10	69
	260	260	Carbon Tetrachloride	01/29/10	ND	04/02/10	6.8	08/02/10	ND	11/23/10	ND
			Cyclohexane	01/29/10	ND	04/02/10	ND	08/02/10	33	11/23/10	ND
			Dichlorodifluoromethane	01/29/10	ND	04/02/10	51	08/02/10	41	11/23/10	40
			Dichloroethane[1,1-]	01/29/10	ND	04/02/10	5.6	08/02/10	ND	11/23/10	ND
			Dichloroethene[1,1-]	01/29/10	ND	04/02/10	230	08/02/10	210	11/23/10	200
			Tetrachloroethene	01/29/10	ND	04/02/10	11	08/02/10	11	11/23/10	10
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	ND	04/02/10	100	08/02/10	91	11/23/10	81
			Trichloroethane[1,1,1-]	01/29/10	2.3	04/02/10	970	08/02/10	960	11/23/10	930
			Trichloroethene	01/29/10	ND	04/02/10	86	08/02/10	91	11/23/10	93
			Trichlorofluoromethane	01/29/10	ND	04/02/10	68	08/02/10	61	11/23/10	52

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02034	300	300	Acetone	01/29/10	ND	04/02/10	4.4	08/02/10	ND	NS	NS
			Carbon Tetrachloride	01/29/10	0.98	04/02/10	1.1	08/02/10	ND	NS	NS
			Cyclohexane	01/29/10	3.7	04/02/10	ND	08/02/10	ND	NS	NS
			Dichlorodifluoromethane	01/29/10	7.6	04/02/10	9.7	08/02/10	9.9	NS	NS
			Dichloroethene[1,1-]	01/29/10	22	04/02/10	30	08/02/10	38	NS	NS
			Tetrachloroethene	01/29/10	1.2	04/02/10	1.2	08/02/10	ND	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/29/10	14	04/02/10	18	08/02/10	22	NS	NS
			Trichloroethane[1,1,1-]	01/29/10	66	04/02/10	74	08/02/10	93	NS	NS
			Trichloroethene	01/29/10	3.7	04/02/10	ND	08/02/10	ND	NS	NS
			Trichlorofluoromethane	01/29/10	16	04/02/10	15	08/02/10	18	NS	NS
54-02089	31	31	Carbon Tetrachloride	01/26/10	**2100**	04/20/10	**1400**	07/29/10	**1300**	11/19/10	**920**
			Chloroform	01/26/10	**9200**	04/20/10	**7900**	07/29/10	**7300**	11/19/10	**4900**
			Dichlorodifluoromethane	01/26/10	920	04/20/10	9200	07/29/10	4300	11/19/10	1200
			Dichloroethane[1,1-]	01/26/10	**20000**	04/20/10	**17000**	07/29/10	**16000**	11/19/10	**10000**
			Dichloroethane[1,2-]	01/26/10	**170000**	04/20/10	**150000**	07/29/10	**140000**	11/19/10	**95000**
			Dichloroethene[1,1-]	01/26/10	**19000**	04/20/10	**9000**	07/29/10	**11000**	11/19/10	**7500**
			Dichloropropane[1,2-]	01/26/10	**52000**	04/20/10	**40000**	07/29/10	**40000**	11/19/10	**24000**
			Hexane	01/26/10	ND	04/20/10	ND	07/29/10	ND	11/19/10	370
			Tetrachloroethene	01/26/10	**13000**	04/20/10	**7500**	07/29/10	**7600**	11/19/10	**5100**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	130000	04/20/10	98000	07/29/10	100000	11/19/10	71000
			Trichloroethane[1,1,1-]	01/26/10	**490000**	04/20/10	**460000**	07/29/10	**390000**	11/19/10	**260000**
			Trichloroethene	01/26/10	**180000**	04/20/10	**150000**	07/29/10	**140000**	11/19/10	**89000**
			Trichlorofluoromethane	01/26/10	4000	04/20/10	2900	07/29/10	2900	11/19/10	2000
	46	46	Carbon Tetrachloride	01/26/10	**3000**	04/20/10	**1300**	07/29/10	**1900**	11/19/10	**1600**
			Chloroform	01/26/10	**13000**	04/20/10	**7100**	07/29/10	**9300**	11/19/10	**9600**
			Dichlorodifluoromethane	01/26/10	1300	04/20/10	5900	07/29/10	3800	11/19/10	1600

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-02089	46	46	Dichloroethane[1,1-]	01/26/10	**23000**	04/20/10	**14000**	07/29/10	**18000**	11/19/10	**16000**
			Dichloroethane[1,2-]	01/26/10	**100000**	04/20/10	**60000**	07/29/10	**86000**	11/19/10	**93000**
			Dichloroethene[1,1-]	01/26/10	**24000**	04/20/10	**7700**	07/29/10	**12000**	11/19/10	**12000**
			Dichloropropane[1,2-]	01/26/10	**87000**	04/20/10	**43000**	07/29/10	**60000**	11/19/10	**59000**
			Hexane	01/26/10	980	04/20/10	ND	07/29/10	ND	11/19/10	660
			Tetrachloroethene	01/26/10	**16000**	04/20/10	**6300**	07/29/10	**10000**	11/19/10	**9600**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	170000	04/20/10	100000	07/29/10	130000	11/19/10	120000
			Trichloroethane[1,1,1-]	01/26/10	**720000**	04/20/10	**440000**	07/29/10	**560000**	11/19/10	**520000**
			Trichloroethene	01/26/10	**220000**	04/20/10	**110000**	07/29/10	**160000**	11/19/10	**150000**
			Trichlorofluoromethane	01/26/10	4500	04/20/10	2600	07/29/10	3200	11/19/10	2800
54-24238	63	65	Benzene	01/26/10	**ND**	05/04/10	**ND**	07/27/10	**600**	12/03/10	**ND**
			Carbon Tetrachloride	01/26/10	**1600**	05/04/10	**ND**	07/27/10	**1200**	12/03/10	**970**
			Chloroform	01/26/10	**10000**	05/04/10	**9200**	07/27/10	**11000**	12/03/10	**9100**
			Dichlorodifluoromethane	01/26/10	1000	05/04/10	3600	07/27/10	2800	12/03/10	2600
			Dichloroethane[1,1-]	01/26/10	**12000**	05/04/10	**12000**	07/27/10	**13000**	12/03/10	**10000**
			Dichloroethane[1,2-]	01/26/10	**47000**	05/04/10	**84000**	07/27/10	**82000**	12/03/10	**81000**
			Dichloroethene[1,1-]	01/26/10	**22000**	05/04/10	**13000**	07/27/10	**18000**	12/03/10	**12000**
			Dichloropropane[1,2-]	01/26/10	**72000**	05/04/10	**62000**	07/27/10	**72000**	12/03/10	**55000**
			Hexane	01/26/10	ND	05/04/10	ND	07/27/10	640	12/03/10	ND
			Methylene Chloride	01/26/10	**38000**	05/04/10	**52000**	07/27/10	**68000**	12/03/10	**43000**
			Tetrachloroethene	01/26/10	**15000**	05/04/10	**9300**	07/27/10	**13000**	12/03/10	**8900**
			Tetrahydrofuran	01/26/10	1100	05/04/10	ND	07/27/10	ND	12/03/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	130000	05/04/10	130000	07/27/10	160000	12/03/10	120000
			Trichloroethane[1,1,1-]	01/26/10	**430000**	05/04/10	**410000**	07/27/10	**430000**	12/03/10	**350000**
			Trichloroethene	01/26/10	**130000**	05/04/10	**110000**	07/27/10	**140000**	12/03/10	**110000**
			Trichlorofluoromethane	01/26/10	3400	05/04/10	3000	07/27/10	3700	12/03/10	2800

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24239	24	26	Benzene	01/25/10	100	04/19/10	ND	07/29/10	ND	12/03/10	ND
			Carbon Tetrachloride	01/25/10	650	04/19/10	670	07/29/10	550	12/03/10	520
			Chloroform	01/25/10	2700	04/19/10	2800	07/29/10	2900	12/03/10	2700
			Dichlorodifluoromethane	01/25/10	230	04/19/10	220	07/29/10	230	12/03/10	220
			Dichloroethane[1,1-]	01/25/10	**3400**	04/19/10	**3500**	07/29/10	**3700**	12/03/10	**3500**
			Dichloroethane[1,2-]	01/25/10	**1200**	04/19/10	**1400**	07/29/10	**1300**	12/03/10	**1600**
			Dichloroethene[1,1-]	01/25/10	**5700**	04/19/10	**5000**	07/29/10	**5600**	12/03/10	**5800**
			Dichloropropane[1,2-]	01/25/10	**1600**	04/19/10	**1600**	07/29/10	**1700**	12/03/10	**1800**
			Tetrachloroethene	01/25/10	**38000**	04/19/10	**44000**	07/29/10	**51000**	12/03/10	**43000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	7200	04/19/10	7900	07/29/10	7300	12/03/10	7900
			Trichloroethane[1,1,1-]	01/25/10	**90000**	04/19/10	**100000**	07/29/10	**96000**	12/03/10	**91000**
			Trichloroethene	01/25/10	**30000**	04/19/10	**32000**	07/29/10	**33000**	12/03/10	**31000**
			Trichlorofluoromethane	01/25/10	690	04/19/10	780	07/29/10	740	12/03/10	720 (J)
	74	76	Benzene	01/25/10	220	04/19/10	220	07/29/10	210	12/03/10	ND
			Carbon Tetrachloride	01/25/10	800	04/19/10	720	07/29/10	670	12/03/10	530
			Chloroform	01/25/10	**3400**	04/19/10	**3300**	07/29/10	**3600**	12/03/10	3000
			Dichlorodifluoromethane	01/25/10	330	04/19/10	300	07/29/10	330	12/03/10	410
			Dichloroethane[1,1-]	01/25/10	**4200**	04/19/10	**3800**	07/29/10	**4600**	12/03/10	**3500**
			Dichloroethane[1,2-]	01/25/10	**2400**	04/19/10	**2300**	07/29/10	**2300**	12/03/10	**2100**
			Dichloroethene[1,1-]	01/25/10	**8300**	04/19/10	**6600**	07/29/10	**7800**	12/03/10	**5900**
			Dichloropropane[1,2-]	01/25/10	**2000**	04/19/10	**1800**	07/29/10	**2200**	12/03/10	**1700**
			Tetrachloroethene	01/25/10	**43000**	04/19/10	**46000**	07/29/10	**50000**	12/03/10	**35000**
			Toluene	01/25/10	ND	04/19/10	160	07/29/10	ND	12/03/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	9800	04/19/10	10000	07/29/10	10000	12/03/10	8400
			Trichloroethane[1,1,1-]	01/25/10	**120000**	04/19/10	**120000**	07/29/10	**130000**	12/03/10	**100000**
			Trichloroethene	01/25/10	**40000**	04/19/10	**40000**	07/29/10	**43000**	12/03/10	**34000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24239	74	76	Trichlorofluoromethane	01/25/10	1000	04/19/10	1100	07/29/10	1100	12/03/10	920
54-24240	27	29	Benzene	01/25/10	**360**	04/19/10	ND	08/03/10	ND	11/30/10	ND
			Carbon Tetrachloride	01/25/10	**890**	04/19/10	490	08/03/10	620	11/30/10	510
			Chloroform	01/25/10	**3600**	04/19/10	2000	08/03/10	2500	11/30/10	2400
			Dichlorodifluoromethane	01/25/10	1900	04/19/10	790	08/03/10	2400	11/30/10	1200
			Dichloroethane[1,1-]	01/25/10	**14000**	04/19/10	**7500**	08/03/10	**11000**	11/30/10	**9600**
			Dichloroethane[1,2-]	01/25/10	**150000**	04/19/10	**79000**	08/03/10	**96000**	11/30/10	**110000**
			Dichloroethene[1,1-]	01/25/10	**6200**	04/19/10	**2100**	08/03/10	**3200**	11/30/10	**2400**
			Dichloropropane[1,2-]	01/25/10	**640**	04/19/10	**310**	08/03/10	**400**	11/30/10	**420**
			Methylene Chloride	01/25/10	**890**	04/19/10	**280**	08/03/10	**450**	11/30/10	**800**
			Tetrachloroethene	01/25/10	**55000**	04/19/10	**28000**	08/03/10	**37000**	11/30/10	**29000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	13000	04/19/10	11000	08/03/10	15000	11/30/10	11000
			Trichloroethane[1,1,1-]	01/25/10	**270000**	04/19/10	**160000**	08/03/10	**220000**	11/30/10	**170000**
			Trichloroethene	01/25/10	**210000**	04/19/10	**120000**	08/03/10	**200000**	11/30/10	**200000**
			Trichlorofluoromethane	01/25/10	2300	04/19/10	1400	08/03/10	2800	11/30/10	2200
	52	54	Benzene	01/25/10	**850**	04/19/10	**730**	08/03/10	**760**	11/30/10	**540**
			Carbon Tetrachloride	01/25/10	**1500**	04/19/10	**1300**	08/03/10	**1400**	11/30/10	**880**
			Chlorobenzene	01/25/10	ND	04/19/10	410	08/03/10	ND	11/30/10	290
			Chloroform	01/25/10	**7900**	04/19/10	**7300**	08/03/10	**7600**	11/30/10	**5500**
			Dichlorodifluoromethane	01/25/10	4300	04/19/10	2700	08/03/10	8400	11/30/10	2600
			Dichloroethane[1,1-]	01/25/10	**19000**	04/19/10	**15000**	08/03/10	**16000**	11/30/10	**12000**
			Dichloroethane[1,2-]	01/25/10	**180000**	04/19/10	**160000**	08/03/10	**170000**	11/30/10	**140000**
			Dichloroethene[1,1-]	01/25/10	**10000**	04/19/10	**4900**	08/03/10	**5600**	11/30/10	**3300**
			Dichloropropane[1,2-]	01/25/10	**970**	04/19/10	**750**	08/03/10	**800**	11/30/10	**610**
			Hexane	01/25/10	820	04/19/10	650	08/03/10	720	11/30/10	430
			Methylene Chloride	01/25/10	**7400**	04/19/10	**4600**	08/03/10	**4900**	11/30/10	**2600**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24240	52	54	Tetrachloroethene	01/25/10	**53000**	04/19/10	**46000**	08/03/10	**42000**	11/30/10	**29000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	20000	04/19/10	23000	08/03/10	26000	11/30/10	16000
			Trichloroethane[1,1,1-]	01/25/10	**420000**	04/19/10	**370000**	08/03/10	**390000**	11/30/10	**260000**
			Trichloroethene	01/25/10	**220000**	04/19/10	**200000**	08/03/10	**240000**	11/30/10	**180000**
			Trichlorofluoromethane	01/25/10	4400	04/19/10	4300	08/03/10	8200	11/30/10	4600
	127	129	Benzene	01/25/10	220	04/19/10	ND	08/03/10	220	11/30/10	150
			Carbon Tetrachloride	01/25/10	590	04/19/10	470	08/03/10	450	11/30/10	300
			Chloroform	01/25/10	1900	04/19/10	2100	08/03/10	2000	11/30/10	1500
			Dichlorodifluoromethane	01/25/10	1000	04/19/10	980	08/03/10	990	11/30/10	620
			Dichloroethane[1,1-]	01/25/10	**6700**	04/19/10	**6800**	08/03/10	**6900**	11/30/10	**4300**
			Dichloroethane[1,2-]	01/25/10	**13000**	04/19/10	**14000**	08/03/10	**13000**	11/30/10	**10000**
			Dichloroethene[1,1-]	01/25/10	**7000**	04/19/10	**6100**	08/03/10	**6100**	11/30/10	**3400**
			Dichloropropane[1,2-]	01/25/10	**720**	04/19/10	**850**	08/03/10	**790**	11/30/10	**450**
			Hexane	01/25/10	220	04/19/10	ND	08/03/10	ND	11/30/10	ND
			Methylene Chloride	01/25/10	**2200**	04/19/10	**1600**	08/03/10	**2300**	11/30/10	**1100**
			Tetrachloroethene	01/25/10	**14000**	04/19/10	**19000**	08/03/10	**16000**	11/30/10	**10000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	6500	04/19/10	6600	08/03/10	7300	11/30/10	5500
			Trichloroethane[1,1,1-]	01/25/10	**180000**	04/19/10	**200000**	08/03/10	**190000**	11/30/10	**110000**
			Trichloroethene	01/25/10	**49000**	04/19/10	**55000**	08/03/10	**52000**	11/30/10	**36000**
			Trichlorofluoromethane	01/25/10	1200	04/19/10	1300	08/03/10	1300	11/30/10	1000
	152	154	Benzene	01/25/10	190	04/19/10	ND	08/03/10	ND	11/30/10	130
			Carbon Tetrachloride	01/25/10	490	04/19/10	390	08/03/10	410	11/30/10	240
			Chloroform	01/25/10	1500	04/19/10	1700	08/03/10	1600	11/30/10	1100
			Dichlorodifluoromethane	01/25/10	890	04/19/10	860	08/03/10	920	11/30/10	580
			Dichloroethane[1,1-]	01/25/10	**5700**	04/19/10	**5800**	08/03/10	**6000**	11/30/10	**3600**
			Dichloroethane[1,2-]	01/25/10	**7800**	04/19/10	**9600**	08/03/10	**8600**	11/30/10	**6100**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24240	152	154	Dichloroethene[1,1-]	01/25/10	**6800**	04/19/10	**6500**	08/03/10	**7600**	11/30/10	**3500**
			Dichloropropane[1,2-]	01/25/10	**630**	04/19/10	**730**	08/03/10	**710**	11/30/10	**400**
			Methylene Chloride	01/25/10	**920**	04/19/10	**530**	08/03/10	**740**	11/30/10	**450**
			Tetrachloroethene	01/25/10	**11000**	04/19/10	**15000**	08/03/10	**12000**	11/30/10	**7900**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	5500	04/19/10	5800	08/03/10	6200	11/30/10	4600
			Trichloroethane[1,1,1-]	01/25/10	**160000**	04/19/10	**190000**	08/03/10	**180000**	11/30/10	**100000**
			Trichloroethene	01/25/10	**41000**	04/19/10	**49000**	08/03/10	**44000**	11/30/10	**29000**
			Trichlorofluoromethane	01/25/10	1000	04/19/10	1100	08/03/10	1200	11/30/10	820
54-24241	71	74	Benzene	02/11/10	**460**	04/20/10	**ND**	08/03/10	**390**	11/30/10	**420**
			Carbon Tetrachloride	02/11/10	**2400**	04/20/10	**1700**	08/03/10	**2000**	11/30/10	**2000**
			Chloroform	02/11/10	**6900**	04/20/10	**5300**	08/03/10	**6600**	11/30/10	**7900**
			Dichlorodifluoromethane	02/11/10	ND	04/20/10	ND	08/03/10	300	11/30/10	370
			Dichloroethane[1,1-]	02/11/10	**10000**	04/20/10	**8200**	08/03/10	**10000**	11/30/10	**11000**
			Dichloroethane[1,2-]	02/11/10	**6800**	04/20/10	**5400**	08/03/10	**6800**	11/30/10	**7600**
			Dichloroethene[1,1-]	02/11/10	**8500**	04/20/10	**5300**	08/03/10	**7200**	11/30/10	**8800**
			Dichloroethene[trans-1,2-]	02/11/10	340	04/20/10	ND	08/03/10	420	11/30/10	450
			Dichloropropane[1,2-]	02/11/10	**7500**	04/20/10	**5400**	08/03/10	**6500**	11/30/10	**8300**
			Dioxane[1,4-]	02/11/10	**1200**	04/20/10	**ND**	08/03/10	**1900**	11/30/10	**1600**
			Methylene Chloride	02/11/10	**660**	04/20/10	**ND**	08/03/10	**450**	11/30/10	**420**
			Tetrachloroethene	02/11/10	**22000**	04/20/10	**14000**	08/03/10	**20000**	11/30/10	**24000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/11/10	23000	04/20/10	18000	08/03/10	25000	11/30/10	28000
			Trichloroethane[1,1,1-]	02/11/10	**220000**	04/20/10	**190000**	08/03/10	**220000**	11/30/10	**240000**
			Trichloroethene	02/11/10	**63000**	04/20/10	**48000**	08/03/10	**61000**	11/30/10	**69000**
			Trichlorofluoromethane	02/11/10	1400	04/20/10	1100	08/03/10	1500	11/30/10	1600

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24241	112	114	Benzene	02/11/10	ND	04/20/10	ND	08/03/10	240	11/30/10	200
			Carbon Tetrachloride	02/11/10	**1000**	04/20/10	850	08/03/10	**1400**	11/30/10	**940**
			Chloroform	02/11/10	**4300**	04/20/10	**3500**	08/03/10	**5100**	11/30/10	**4700**
			Dichlorodifluoromethane	02/11/10	240	04/20/10	ND	08/03/10	350	11/30/10	310
			Dichloroethane[1,1-]	02/11/10	**5300**	04/20/10	**4700**	08/03/10	**6900**	11/30/10	**5800**
			Dichloroethane[1,2-]	02/11/10	**4100**	04/20/10	**3300**	08/03/10	**4500**	11/30/10	**4200**
			Dichloroethene[1,1-]	02/11/10	**7400**	04/20/10	**5500**	08/03/10	**9000**	11/30/10	**7400**
			Dichloroethene[trans-1,2-]	02/11/10	ND	04/20/10	ND	08/03/10	230	11/30/10	ND
			Dichloropropane[1,2-]	02/11/10	**5000**	04/20/10	**3800**	08/03/10	**5400**	11/30/10	**4900**
			Tetrachloroethene	02/11/10	**16000**	04/20/10	**11000**	08/03/10	**20000**	11/30/10	**16000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/11/10	14000	04/20/10	13000	08/03/10	22000	11/30/10	18000
			Trichloroethane[1,1,1-]	02/11/10	**130000**	04/20/10	**130000**	08/03/10	**190000**	11/30/10	**150000**
			Trichloroethene	02/11/10	**43000**	04/20/10	**34000**	08/03/10	**55000**	11/30/10	**46000**
			Trichlorofluoromethane	02/11/10	1200	04/20/10	1200	08/03/10	1800	11/30/10	1400
	132	134	Benzene	02/11/10	230	04/20/10	ND	08/03/10	230	11/30/10	240
			Carbon Tetrachloride	02/11/10	**880**	04/20/10	750	08/03/10	**1000**	11/30/10	**880**
			Chloroform	02/11/10	**3700**	04/20/10	**3600**	08/03/10	**4000**	11/30/10	**4000**
			Dichlorodifluoromethane	02/11/10	280	04/20/10	300	08/03/10	360	11/30/10	270
			Dichloroethane[1,1-]	02/11/10	**3800**	04/20/10	**3800**	08/03/10	**4600**	11/30/10	**4200**
			Dichloroethane[1,2-]	02/11/10	**3100**	04/20/10	**2900**	08/03/10	**3100**	11/30/10	**3200**
			Dichloroethene[1,1-]	02/11/10	**8500**	04/20/10	**7100**	08/03/10	**8800**	11/30/10	**8700**
			Dichloropropane[1,2-]	02/11/10	**3400**	04/20/10	**3000**	08/03/10	**3400**	11/30/10	**3400**
			Methylene Chloride	02/11/10	ND	04/20/10	**ND**	08/03/10	**310**	11/30/10	ND
			Tetrachloroethene	02/11/10	**14000**	04/20/10	**12000**	08/03/10	**15000**	11/30/10	**14000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/11/10	14000	04/20/10	14000	08/03/10	18000	11/30/10	16000
			Trichloroethane[1,1,1-]	02/11/10	**120000**	04/20/10	**130000**	08/03/10	**140000**	11/30/10	**130000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24241	132	134	Trichloroethene	02/11/10	**39000**	04/20/10	**37000**	08/03/10	**42000**	11/30/10	**40000**
			Trichlorofluoromethane	02/11/10	1500	04/20/10	1500	08/03/10	1900	11/30/10	1600
54-24242	24	26	Benzene	01/25/10	66	04/20/10	ND	08/04/10	ND	12/02/10	ND
			Carbon Tetrachloride	01/25/10	340	04/20/10	300	08/04/10	350	12/02/10	330
			Chloroform	01/25/10	1700	04/20/10	1600	08/04/10	1800	12/02/10	2100
			Dichlorodifluoromethane	01/25/10	85	04/20/10	ND	08/04/10	ND	12/02/10	120
			Dichloroethane[1,1-]	01/25/10	**2000**	04/20/10	**2000**	08/04/10	**2300**	12/02/10	**2500**
			Dichloroethane[1,2-]	01/25/10	**670**	04/20/10	**590**	08/04/10	**640**	12/02/10	**720**
			Dichloroethene[1,1-]	01/25/10	**2700**	04/20/10	**2400**	08/04/10	**3100**	12/02/10	**3200**
			Dichloropropane[1,2-]	01/25/10	**1200**	04/20/10	**1100**	08/04/10	**1200**	12/02/10	**1400**
			Tetrachloroethene	01/25/10	**46000**	04/20/10	**54000**	08/04/10	**120000**	12/02/10	**81000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	3500	04/20/10	3900	08/04/10	4400	12/02/10	4800
			Trichloroethane[1,1,1-]	01/25/10	**46000**	04/20/10	**51000**	08/04/10	**61000**	12/02/10	**60000**
			Trichloroethene	01/25/10	**22000**	04/20/10	**22000**	08/04/10	**28000**	12/02/10	**28000**
			Trichlorofluoromethane	01/25/10	330	04/20/10	380	08/04/10	440	12/02/10	430
	49	51	Benzene	01/25/10	320	04/20/10	**ND**	08/04/10	350	12/02/10	320
			Carbon Tetrachloride	01/25/10	850	04/20/10	650	08/04/10	830	12/02/10	870
			Chloroform	01/25/10	**4000**	04/20/10	**3600**	08/04/10	**4400**	12/02/10	**4600**
			Dichlorodifluoromethane	01/25/10	310	04/20/10	ND	08/04/10	340	12/02/10	320
			Dichloroethane[1,1-]	01/25/10	**4500**	04/20/10	**4100**	08/04/10	**5000**	12/02/10	**5000**
			Dichloroethane[1,2-]	01/25/10	**3300**	04/20/10	**2900**	08/04/10	**3400**	12/02/10	**3800**
			Dichloroethene[1,1-]	01/25/10	**9200**	04/20/10	**6800**	08/04/10	**8600**	12/02/10	**8600**
			Dichloropropane[1,2-]	01/25/10	**2700**	04/20/10	**2300**	08/04/10	**2900**	12/02/10	**3200**
			Methylene Chloride	01/25/10	**320**	04/20/10	**390**	08/04/10	**240**	12/02/10	**ND**
			Tetrachloroethene	01/25/10	**50000**	04/20/10	**38000**	08/04/10	**53000**	12/02/10	**57000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/25/10	12000	04/20/10	12000	08/04/10	14000	12/02/10	14000

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24242	49	51	Trichloroethane[1,1,1-]	01/25/10	**140000**	04/20/10	**140000**	08/04/10	**150000**	12/02/10	**150000**
			Trichloroethene	01/25/10	**45000**	04/20/10	**40000**	08/04/10	**49000**	12/02/10	**51000**
			Trichlorofluoromethane	01/25/10	1200	04/20/10	1200	08/04/10	1400	12/02/10	1300
54-24243	24	26	Carbon Tetrachloride	02/10/10	600	04/26/10	ND	08/12/10	500	12/10/10	700
			Chloroform	02/10/10	**4000**	04/26/10	**3300**	08/12/10	**4000**	12/10/10	**5700**
			Cyclohexane	02/10/10	3400	04/26/10	ND	08/12/10	ND	12/10/10	
			Dichlorodifluoromethane	02/10/10	280	04/26/10	ND	08/12/10	360	12/10/10	
			Dichloroethane[1,1-]	02/10/10	**5500**	04/26/10	**4500**	08/12/10	**4600**	12/10/10	**5000**
			Dichloroethane[1,2-]	02/10/10	**4500**	04/26/10	**4000**	08/12/10	**5200**	12/10/10	**5600**
			Dichloroethene[1,1-]	02/10/10	**6100**	04/26/10	**3600**	08/12/10	**4000**	12/10/10	**9800**
			Dichloropropane[1,2-]	02/10/10	**7500**	04/26/10	**7200**	08/12/10	**9700**	12/10/10	**16000**
			Methylene Chloride	02/10/10	ND	04/26/10	ND	08/12/10	ND	12/10/10	**7200**
			Tetrachloroethene	02/10/10	**800**	04/26/10	**2100**	08/12/10	**3100**	12/10/10	**4700**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	52000	04/26/10	46000	08/12/10	55000	12/10/10	43000
			Trichloroethane[1,1,1-]	02/10/10	**140000**	04/26/10	**130000**	08/12/10	**140000**	12/10/10	**190000**
			Trichloroethene	02/10/10	**35000**	04/26/10	**34000**	08/12/10	**45000**	12/10/10	**58000**
			Trichlorofluoromethane	02/10/10	1200	04/26/10	1000	08/12/10	850	12/10/10	2600
	74	76	Carbon Tetrachloride	02/10/10	860	04/26/10	760	08/12/10	**910**	12/10/10	870
			Chloroform	02/10/10	**5800**	04/26/10	**6400**	08/12/10	**7100**	12/10/10	**8900**
			Cyclohexane	02/10/10	5500	04/26/10	ND	08/12/10	ND	12/10/10	ND
			Dichlorodifluoromethane	02/10/10	400	04/26/10	ND	08/12/10	620	12/10/10	1100
			Dichloroethane[1,1-]	02/10/10	**6300**	04/26/10	**7100**	08/12/10	**7200**	12/10/10	**8800**
			Dichloroethane[1,2-]	02/10/10	**2700**	04/26/10	**3200**	08/12/10	**3400**	12/10/10	**4800**
			Dichloroethene[1,1-]	02/10/10	**10000**	04/26/10	**7900**	08/12/10	**9100**	12/10/10	**10000**
			Dichloropropane[1,2-]	02/10/10	**21000**	04/26/10	**22000**	08/12/10	**25000**	12/10/10	**28000**
			Methylene Chloride	02/10/10	**640**	04/26/10	**800**	08/12/10	**560**	12/10/10	**ND**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24243	74	76	Tetrachloroethene	02/10/10	**4400**	04/26/10	**3900**	08/12/10	**5500**	12/10/10	**6000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	69000	04/26/10	77000	08/12/10	89000	12/10/10	110000
			Trichloroethane[1,1,1-]	02/10/10	**220000**	04/26/10	**270000**	08/12/10	**280000**	12/10/10	**330000**
			Trichloroethene	02/10/10	**63000**	04/26/10	**68000**	08/12/10	**79000**	12/10/10	**93000**
			Trichlorofluoromethane	02/10/10	1900	04/26/10	2000	08/12/10	1900	12/10/10	2700
	124	126	Benzene	02/10/10	**370**	04/26/10	**ND**	08/12/10	**480**	12/10/10	**ND**
			Carbon Tetrachloride	02/10/10	620	04/26/10	500	08/12/10	770	12/10/10	750
			Chloroform	02/10/10	**4000**	04/26/10	**3700**	08/12/10	**5500**	12/10/10	**6700**
			Cyclohexane	02/10/10	3600	04/26/10	ND	08/12/10	ND	12/10/10	ND
			Dichlorodifluoromethane	02/10/10	300	04/26/10	ND	08/12/10	350	12/10/10	810
			Dichloroethane[1,1-]	02/10/10	**3800**	04/26/10	**3600**	08/12/10	**4800**	12/10/10	**7200**
			Dichloroethane[1,2-]	02/10/10	**4300**	04/26/10	**3800**	08/12/10	**5300**	12/10/10	**9300**
			Dichloroethene[1,1-]	02/10/10	**9300**	04/26/10	**7300**	08/12/10	**10000**	12/10/10	**5400**
			Dichloropropane[1,2-]	02/10/10	**13000**	04/26/10	**10000**	08/12/10	**18000**	12/10/10	**14000**
			Ethanol	02/10/10	860	04/26/10	ND	08/12/10	ND	12/10/10	ND
			Methylene Chloride	02/10/10	**5900**	04/26/10	**5800**	08/12/10	**7200**	12/10/10	**ND**
			Tetrachloroethene	02/10/10	**3900**	04/26/10	**2800**	08/12/10	**5300**	12/10/10	**4400**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/10/10	29000	04/26/10	27000	08/12/10	42000	12/10/10	78000
			Trichloroethane[1,1,1-]	02/10/10	**140000**	04/26/10	**140000**	08/12/10	**200000**	12/10/10	**210000**
			Trichloroethene	02/10/10	**43000**	04/26/10	**37000**	08/12/10	**59000**	12/10/10	**66000**
			Trichlorofluoromethane	02/10/10	2100	04/26/10	1900	08/12/10	2400	12/10/10	1500
54-24399	550	608	Benzene	03/02/10	ND	04/21/10	1.9	08/17/10	ND	NS	NS
			Butanone[2-]	03/02/10	ND	04/21/10	3.3	08/17/10	ND	NS	NS
			Carbon Tetrachloride	03/02/10	3.1	04/21/10	2.6	08/17/10	ND	NS	NS
			Chloroform	03/02/10	13	04/21/10	10	08/17/10	ND	NS	NS
			Cyclohexane	03/02/10	ND	04/21/10	8.4	08/17/10	ND	NS	NS

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-24399	550	608	Dichlorodifluoromethane	03/02/10	4.4	04/21/10	4.2	08/17/10	ND	NS	NS
			Dichloroethane[1,1-]	03/02/10	21	04/21/10	17	08/17/10	ND	NS	NS
			Dichloroethane[1,2-]	03/02/10	9.8	04/21/10	ND	08/17/10	ND	NS	NS
			Dichloroethene[1,1-]	03/02/10	35	04/21/10	35	08/17/10	ND	NS	NS
			Dichloropropane[1,2-]	03/02/10	8.6	04/21/10	ND	08/17/10	ND	NS	NS
			Ethanol	03/02/10	7.5	04/21/10	ND	08/17/10	ND	NS	NS
			Methylene Chloride	03/02/10	2.5	04/21/10	1.7	08/17/10	ND	NS	NS
			Tetrachloroethene	03/02/10	75	04/21/10	53	08/17/10	66	NS	NS
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	03/02/10	54	04/21/10	ND	08/17/10	ND	NS	NS
			Trichloroethane[1,1,1-]	03/02/10	380	04/21/10	330	08/17/10	39	NS	NS
			Trichloroethene	03/02/10	160	04/21/10	120	08/17/10	50	NS	NS
			Trichlorofluoromethane	03/02/10	6.9	04/21/10	6.6	08/17/10	ND	NS	NS
54-27641	29.5	34.5	Carbon Tetrachloride	01/27/10	**950**	04/16/10	650	07/29/10	650	12/20/10	ND
			Chloroform	01/27/10	2000	04/16/10	1700	07/29/10	1600	12/20/10	1300
			Dichlorodifluoromethane	01/27/10	1600	04/16/10	1200	07/29/10	1600	12/20/10	2000
			Dichloroethane[1,1-]	01/27/10	**13000**	04/16/10	**9200**	07/29/10	**9200**	12/20/10	**6600**
			Dichloroethane[1,2-]	01/27/10	**46000**	04/16/10	**41000**	07/29/10	**36000**	12/20/10	**32000**
			Dichloroethene[1,1-]	01/27/10	**11000**	04/16/10	**4400**	07/29/10	**4300**	12/20/10	**2500**
			Dichloropropane[1,2-]	01/27/10	**760**	04/16/10	**760**	07/29/10	**580**	12/20/10	**ND**
			Methylene Chloride	01/27/10	**1600**	04/16/10	**920**	07/29/10	**750**	12/20/10	**520**
			Tetrachloroethene	01/27/10	**42000**	04/16/10	**38000**	07/29/10	**32000**	12/20/10	**20000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	14000	04/16/10	13000	07/29/10	11000	12/20/10	8200
			Trichloroethane[1,1,1-]	01/27/10	**350000**	04/16/10	**290000**	07/29/10	**260000**	12/20/10	**180000**
			Trichloroethene	01/27/10	**220000**	04/16/10	**180000**	07/29/10	**180000**	12/20/10	**180000**
			Trichlorofluoromethane	01/27/10	2200	04/16/10	1800	07/29/10	1800	12/20/10	1900

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	01/27/10	540	04/16/10	820	07/29/10	520	12/20/10	ND
			Chloroform	01/27/10	1400	04/16/10	2400	07/29/10	1700	12/20/10	ND
			Dichlorodifluoromethane	01/27/10	1000	04/16/10	1500	07/29/10	1200	12/20/10	1400
			Dichloroethane[1,1-]	01/27/10	**7400**	04/16/10	**11000**	07/29/10	**8400**	12/20/10	**4700**
			Dichloroethane[1,2-]	01/27/10	**22000**	04/16/10	**39000**	07/29/10	**26000**	12/20/10	**18000**
			Dichloroethene[1,1-]	01/27/10	**6400**	04/16/10	**6700**	07/29/10	**5600**	12/20/10	**2700**
			Dichloropropane[1,2-]	01/27/10	**650**	04/16/10	**1100**	07/29/10	**720**	12/20/10	**440**
			Hexane	01/27/10	500	04/16/10	670	07/29/10	570	12/20/10	ND
			Methylene Chloride	01/27/10	**6700**	04/16/10	**10000**	07/29/10	**7800**	12/20/10	**3700**
			Tetrachloroethene	01/27/10	**28000**	04/16/10	**54000**	07/29/10	**30000**	12/20/10	**15000**
			Tetrahydrofuran	01/27/10	ND	04/16/10	440	07/29/10	ND	12/20/10	ND
			Toluene	01/27/10	300	04/16/10	500	07/29/10	290	12/20/10	ND
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	6200	04/16/10	12000	07/29/10	9000	12/20/10	4800
			Trichloroethane[1,1,1-]	01/27/10	**200000**	04/16/10	**350000**	07/29/10	**220000**	12/20/10	**130000**
			Trichloroethene	01/27/10	**59000**	04/16/10	**100000**	07/29/10	**70000**	12/20/10	**43000**
			Trichlorofluoromethane	01/27/10	1300	04/16/10	2300	07/29/10	1800	12/20/10	1200
	112.5	117.5	Carbon Tetrachloride	01/27/10	420	04/16/10	490	07/29/10	380	12/20/10	ND
			Chloroform	01/27/10	1200	04/16/10	1900	07/29/10	1400	12/20/10	1400
			Dichlorodifluoromethane	01/27/10	860	04/16/10	1200	07/29/10	970	12/20/10	1300
			Dichloroethane[1,1-]	01/27/10	**6300**	04/16/10	**8500**	07/29/10	**8200**	12/20/10	**5900**
			Dichloroethane[1,2-]	01/27/10	**14000**	04/16/10	**21000**	07/29/10	**14000**	12/20/10	**16000**
			Dichloroethene[1,1-]	01/27/10	**6200**	04/16/10	**8000**	07/29/10	**6400**	12/20/10	**4300**
			Dichloropropane[1,2-]	01/27/10	**720**	04/16/10	**1100**	07/29/10	**750**	12/20/10	**660**
			Methylene Chloride	01/27/10	**4100**	04/16/10	**5400**	07/29/10	**4900**	12/20/10	**3400**
			Tetrachloroethene	01/27/10	**17000**	04/16/10	**26000**	07/29/10	**18000**	12/20/10	**16000**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	4400	04/16/10	7500	07/29/10	6600	12/20/10	5000

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27641	112.5	117.5	Trichloroethane[1,1,1-]	01/27/10	**170000**	04/16/10	**260000**	07/29/10	**200000**	12/20/10	**170000**
			Trichloroethene	01/27/10	**43000**	04/16/10	**64000**	07/29/10	**46000**	12/20/10	**48000**
			Trichlorofluoromethane	01/27/10	1000	04/16/10	1600	07/29/10	1300	12/20/10	1100
	179.5	184.5	Carbon Tetrachloride	01/27/10	300	04/30/10	ND	07/29/10	280	12/20/10	ND
			Chloroform	01/27/10	630	04/30/10	620	07/29/10	780	12/20/10	550
			Dichlorodifluoromethane	01/27/10	630	04/30/10	610	07/29/10	780	12/20/10	760
			Dichloroethane[1,1-]	01/27/10	**3200**	04/30/10	**3200**	07/29/10	**3900**	12/20/10	**2600**
			Dichloroethane[1,2-]	01/27/10	**2700**	04/30/10	**2400**	07/29/10	**3000**	12/20/10	**3000**
			Dichloroethene[1,1-]	01/27/10	**6600**	04/30/10	**5600**	07/29/10	**6700**	12/20/10	**4400**
			Dichloropropane[1,2-]	01/27/10	**340**	04/30/10	**290**	07/29/10	**410**	12/20/10	**ND**
			Methylene Chloride	01/27/10	**4000**	04/30/10	**4300**	07/29/10	**5800**	12/20/10	**3200**
			Tetrachloroethene	01/27/10	**4400**	04/30/10	**3400**	07/29/10	**5000**	12/20/10	**3400**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	2900	04/30/10	3100	07/29/10	3700	12/20/10	2700
			Trichloroethane[1,1,1-]	01/27/10	**110000**	04/30/10	**120000**	07/29/10	**140000**	12/20/10	**88000**
			Trichloroethene	01/27/10	**26000**	04/30/10	**25000**	07/29/10	**30000**	12/20/10	**24000**
			Trichlorofluoromethane	01/27/10	670	04/30/10	660	07/29/10	940	12/20/10	620
	268.5	273.5	Carbon Tetrachloride	01/27/10	150	04/30/10	110	07/29/10	150	12/20/10	130
			Chloroform	01/27/10	140	04/30/10	130	07/29/10	160	12/20/10	170
			Dichlorodifluoromethane	01/27/10	420	04/30/10	360	07/29/10	400	12/20/10	600
			Dichloroethane[1,1-]	01/27/10	590	04/30/10	540	07/29/10	680	12/20/10	640
			Dichloroethane[1,2-]	01/27/10	ND	04/30/10	**ND**	07/29/10	52	12/20/10	**210**
			Dichloroethene[1,1-]	01/27/10	**4300**	04/30/10	**3800**	07/29/10	**4500**	12/20/10	**4400**
			Methylene Chloride	01/27/10	**530**	04/30/10	**520**	07/29/10	**690**	12/20/10	**670**
			Tetrachloroethene	01/27/10	**1000**	04/30/10	**920**	07/29/10	**1200**	12/20/10	**1200**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	2200	04/30/10	2000	07/29/10	2400	12/20/10	2400
			Trichloroethane[1,1,1-]	01/27/10	**30000**	04/30/10	**29000**	07/29/10	**34000**	12/20/10	**32000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27641	268.5	273.5	Trichloroethene	01/27/10	**8300**	04/30/10	**7600**	07/29/10	**9200**	12/20/10	**9800**
			Trichlorofluoromethane	01/27/10	470	04/30/10	420	07/29/10	480	12/20/10	530
	330	335	Carbon Tetrachloride	01/27/10	23	04/30/10	26	07/29/10	26	12/20/10	30
			Chloroform	01/27/10	9.4	04/30/10	11	07/29/10	12	12/20/10	17
			Dichlorodifluoromethane	01/27/10	73	04/30/10	84	07/29/10	94	12/20/10	150
			Dichloroethane[1,1-]	01/27/10	29	04/30/10	31	07/29/10	40	12/20/10	53
			Dichloroethane[1,2-]	01/27/10	ND	04/30/10	ND	07/29/10	ND	12/20/10	42
			Dichloroethene[1,1-]	01/27/10	660	04/30/10	790	07/29/10	950	12/20/10	970
			Methylene Chloride	01/27/10	ND	04/30/10	21	07/29/10	27	12/20/10	40
			Tetrachloroethene	01/27/10	ND	04/30/10	120	07/29/10	160	12/20/10	180
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/27/10	520	04/30/10	610	07/29/10	740	12/20/10	720
			Trichloroethane[1,1,1-]	01/27/10	1900	04/30/10	2400	07/29/10	2500	12/20/10	3200
			Trichloroethene	01/27/10	**760**	04/30/10	**860**	07/29/10	**1000**	12/20/10	**1200**
			Trichlorofluoromethane	01/27/10	110	04/30/10	130	07/29/10	160	12/20/10	160
54-27642	27.5	32.5	Carbon Tetrachloride	01/26/10	**1400**	04/16/10	**930**	07/27/10	810	12/01/10	**940**
			Chloroform	01/26/10	**8000**	04/16/10	**7400**	07/27/10	**7700**	12/01/10	**17000**
			Dichlorodifluoromethane	01/26/10	ND	04/16/10	ND	07/27/10	500	12/01/10	ND
			Dichloroethane[1,1-]	01/26/10	**12000**	04/16/10	**9100**	07/27/10	**7500**	12/01/10	**8600**
			Dichloroethane[1,2-]	01/26/10	**9400**	04/16/10	**7500**	07/27/10	**6600**	12/01/10	**10000**
			Dichloroethene[1,1-]	01/26/10	**20000**	04/16/10	**11000**	07/27/10	**10000**	12/01/10	**12000**
			Dichloropropane[1,2-]	01/26/10	**26000**	04/16/10	**18000**	07/27/10	**15000**	12/01/10	**20000**
			Methylene Chloride	01/26/10	**ND**	04/16/10	**ND**	07/27/10	**ND**	12/01/10	**1000**
			Tetrachloroethene	01/26/10	**12000**	04/16/10	**8500**	07/27/10	**6500**	12/01/10	**9700**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	280000	04/16/10	250000	07/27/10	250000	12/01/10	490000
			Trichloroethane[1,1,1-]	01/26/10	**490000**	04/16/10	**380000**	07/27/10	**280000**	12/01/10	**300000**
			Trichloroethene	01/26/10	**79000**	04/16/10	**64000**	07/27/10	**54000**	12/01/10	**93000**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	27.5	32.5	Trichlorofluoromethane	01/26/10	2100	04/16/10	1800	07/27/10	1400	12/01/10	1400
	71.5	76.5	Benzene	01/26/10	**1400**	04/16/10	**700**	07/27/10	**710**	12/01/10	**740**
			Carbon Tetrachloride	01/26/10	**2300**	04/16/10	**1300**	07/27/10	**1000**	12/01/10	**1200**
			Chloroform	01/26/10	**15000**	04/16/10	**9000**	07/27/10	**7900**	12/01/10	**8700**
			Cyclohexane	01/26/10	ND	04/16/10	ND	07/27/10	ND	12/01/10	7900
			Dichlorodifluoromethane	01/26/10	860	04/16/10	ND	07/27/10	ND	12/01/10	540
			Dichloroethane[1,1-]	01/26/10	**12000**	04/16/10	**6500**	07/27/10	**6900**	12/01/10	**7300**
			Dichloroethane[1,2-]	01/26/10	**12000**	04/16/10	**6600**	07/27/10	**6500**	12/01/10	**5600**
			Dichloroethene[1,1-]	01/26/10	**33000**	04/16/10	**15000**	07/27/10	**17000**	12/01/10	**18000**
			Dichloropropane[1,2-]	01/26/10	**48000**	04/16/10	**26000**	07/27/10	**29000**	12/01/10	**27000**
			Methylene Chloride	01/26/10	**3700**	04/16/10	**1700**	07/27/10	**1900**	12/01/10	**1600**
			Tetrachloroethene	01/26/10	**20000**	04/16/10	**9700**	07/27/10	**8400**	12/01/10	**9100**
			Tetrahydrofuran	01/26/10	25000	04/16/10	12000	07/27/10	15000	12/01/10	15000
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	100000	04/16/10	68000	07/27/10	78000	12/01/10	81000
			Trichloroethane[1,1,1-]	01/26/10	**540000**	04/16/10	**330000**	07/27/10	**290000**	12/01/10	**310000**
			Trichloroethane[1,1,2-]	01/26/10	**ND**	04/16/10	**ND**	07/27/10	**ND**	12/01/10	**390**
			Trichloroethene	01/26/10	**140000**	04/16/10	**82000**	07/27/10	**78000**	12/01/10	**77000**
			Trichlorofluoromethane	01/26/10	7300	04/16/10	4600	07/27/10	4800	12/01/10	3900
	114.5	119.5	Carbon Tetrachloride	01/26/10	**1600**	04/16/10	**1200**	07/27/10	**980**	12/01/10	510
			Chloroform	01/26/10	**9400**	04/16/10	**9500**	07/27/10	**7800**	12/01/10	**6800**
			Dichlorodifluoromethane	01/26/10	ND	04/16/10	ND	07/27/10	620	12/01/10	390
			Dichloroethane[1,1-]	01/26/10	**11000**	04/16/10	**9400**	07/27/10	**8300**	12/01/10	**4700**
			Dichloroethane[1,2-]	01/26/10	**6000**	04/16/10	**5600**	07/27/10	**4800**	12/01/10	**4100**
			Dichloroethene[1,1-]	01/26/10	**22000**	04/16/10	**14000**	07/27/10	**13000**	12/01/10	**7400**
			Dichloropropane[1,2-]	01/26/10	**40000**	04/16/10	**33000**	07/27/10	**27000**	12/01/10	**17000**
			Methylene Chloride	01/26/10	**ND**	04/16/10	**ND**	07/27/10	**1600**	12/01/10	**470**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	114.5	119.5	Tetrachloroethene	01/26/10	**14000**	04/16/10	**11000**	07/27/10	**8600**	12/01/10	**4600**
			Tetrahydrofuran	01/26/10	ND	04/16/10	630	07/27/10	ND	12/01/10	230
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	160000	04/16/10	180000	07/27/10	170000	12/01/10	110000
			Trichloroethane[1,1,1-]	01/26/10	**450000**	04/16/10	**430000**	07/27/10	**330000**	12/01/10	**160000**
			Trichloroethane[1,1,2-]	01/26/10	**ND**	04/16/10	**ND**	07/27/10	**ND**	12/01/10	**190**
			Trichloroethene	01/26/10	**97000**	04/16/10	**85000**	07/27/10	**70000**	12/01/10	**43000**
			Trichlorofluoromethane	01/26/10	3300	04/16/10	3300	07/27/10	2600	12/01/10	1200
	172.5	177.5	Benzene	01/26/10	**1200**	05/04/10	**920**	07/27/10	**1300**	12/01/10	**1000**
			Carbon Tetrachloride	01/26/10	**1100**	05/04/10	810	07/27/10	**1100**	12/01/10	**940**
			Chlorobenzene	01/26/10	ND	05/04/10	ND	07/27/10	320	12/01/10	280
			Chloroform	01/26/10	**6000**	05/04/10	**4700**	07/27/10	**6200**	12/01/10	**5800**
			Dichlorodifluoromethane	01/26/10	540	05/04/10	460	07/27/10	540	12/01/10	380
			Dichloroethane[1,1-]	01/26/10	**3000**	05/04/10	**2400**	07/27/10	**3400**	12/01/10	**3000**
			Dichloroethane[1,2-]	01/26/10	**4400**	05/04/10	**3500**	07/27/10	**4700**	12/01/10	**4100**
			Dichloroethene[1,1-]	01/26/10	**17000**	05/04/10	**12000**	07/27/10	**17000**	12/01/10	**15000**
			Dichloropropane[1,2-]	01/26/10	**8700**	05/04/10	**6100**	07/27/10	**9700**	12/01/10	**8600**
			Hexane	01/26/10	570	05/04/10	500	07/27/10	620	12/01/10	470
			Methylene Chloride	01/26/10	**19000**	05/04/10	**17000**	07/27/10	**27000**	12/01/10	**22000**
			Tetrachloroethene	01/26/10	**6400**	05/04/10	**3500**	07/27/10	**6000**	12/01/10	**5200**
			Tetrahydrofuran	01/26/10	ND	05/04/10	ND	07/27/10	ND	12/01/10	1000
			Toluene	01/26/10	4400	05/04/10	2900	07/27/10	4000	12/01/10	3600
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	30000	05/04/10	25000	07/27/10	32000	12/01/10	28000
			Trichloroethane[1,1,1-]	01/26/10	**170000**	05/04/10	**150000**	07/27/10	**190000**	12/01/10	**160000**
			Trichloroethene	01/26/10	**55000**	05/04/10	**40000**	07/27/10	**61000**	12/01/10	**49000**
			Trichlorofluoromethane	01/26/10	5000	05/04/10	4000	07/27/10	5000	12/01/10	3200
			Xylene[1,2-]	01/26/10	720	05/04/10	ND	07/27/10	620	12/01/10	580

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	172.5	177.5	Xylene[1,3-]+Xylene[1,4-]	01/26/10	ND	05/04/10	ND	07/27/10	350	12/01/10	430
	272.5	277.5	Benzene	01/26/10	**760**	04/16/10	**660**	07/27/10	**780**	12/01/10	**790**
			Carbon Tetrachloride	01/26/10	790	04/16/10	750	07/27/10	660	12/01/10	790
			Chloroform	01/26/10	2500	04/16/10	2200	07/27/10	2400	12/01/10	**3300**
			Dichlorodifluoromethane	01/26/10	580	04/16/10	490	07/27/10	500	12/01/10	570
			Dichloroethane[1,1-]	01/26/10	900	04/16/10	790	07/27/10	890	12/01/10	**1600**
			Dichloroethane[1,2-]	01/26/10	**230**	04/16/10	**170**	07/27/10	**190**	12/01/10	**630**
			Dichloroethene[1,1-]	01/26/10	**16000**	04/16/10	**13000**	07/27/10	**16000**	12/01/10	**16000**
			Dichloropropane[1,2-]	01/26/10	**950**	04/16/10	**720**	07/27/10	**1100**	12/01/10	**4100**
			Hexane	01/26/10	730	04/16/10	540	07/27/10	620	12/01/10	620
			Methylene Chloride	01/26/10	**8100**	04/16/10	**7500**	07/27/10	**9600**	12/01/10	**9000**
			Tetrachloroethene	01/26/10	**2600**	04/16/10	**2400**	07/27/10	**2500**	12/01/10	**3200**
			Tetrahydrofuran	01/26/10	ND	04/16/10	ND	07/27/10	ND	12/01/10	3900
			Toluene	01/26/10	910	04/16/10	880	07/27/10	990	12/01/10	890
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	21000	04/16/10	20000	07/27/10	23000	12/01/10	31000
			Trichloroethane[1,1,1-]	01/26/10	**70000**	04/16/10	**66000**	07/27/10	**74000**	12/01/10	**94000**
			Trichloroethene	01/26/10	**29000**	04/16/10	**26000**	07/27/10	**30000**	12/01/10	**35000**
			Trichlorofluoromethane	01/26/10	3800	04/16/10	3600	07/27/10	4100	12/01/10	3600
	335.5	340.5	Benzene	01/26/10	190	05/04/10	150	07/27/10	180	12/01/10	190
			Carbon Tetrachloride	01/26/10	290	05/04/10	240	07/27/10	260	12/01/10	270
			Chloroform	01/26/10	330	05/04/10	300	07/27/10	330	12/01/10	700
			Dichlorodifluoromethane	01/26/10	270	05/04/10	240	07/27/10	220	12/01/10	240
			Dichloroethane[1,1-]	01/26/10	120	05/04/10	120	07/27/10	140	12/01/10	440
			Dichloroethane[1,2-]	01/26/10	ND	05/04/10	**94**	07/27/10	ND	12/01/10	**170**
			Dichloroethene[1,1-]	01/26/10	**5800**	05/04/10	**5200**	07/27/10	**7000**	12/01/10	**5500**
			Dichloropropane[1,2-]	01/26/10	34	05/04/10	89	07/27/10	40	12/01/10	**1500**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27642	335.5	340.5	Hexane	01/26/10	190	05/04/10	140	07/27/10	210	12/01/10	100
			Methylene Chloride	01/26/10	**870**	05/04/10	**910**	07/27/10	**1200**	12/01/10	**980**
			Propylene	01/26/10	ND	05/04/10	ND	07/27/10	69 (J)	12/01/10	ND
			Tetrachloroethene	01/26/10	430	05/04/10	350	07/27/10	480	12/01/10	**780**
			Tetrahydrofuran	01/26/10	ND	05/04/10	ND	07/27/10	ND	12/01/10	1500
			Toluene	01/26/10	70	05/04/10	92	07/27/10	100	12/01/10	56
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	01/26/10	5900	05/04/10	5500	07/27/10	7200	12/01/10	8600
			Trichloroethane[1,1,1-]	01/26/10	**13000**	05/04/10	**13000**	07/27/10	**14000**	12/01/10	**25000**
			Trichloroethene	01/26/10	**6400**	05/04/10	**5700**	07/27/10	**8000**	12/01/10	**9100**
			Trichlorofluoromethane	01/26/10	980	05/04/10	880	07/27/10	1200	12/01/10	940
54-27643	27.5	32.5	Carbon Tetrachloride	02/03/10	400	04/26/10	260	08/17/10	280	12/13/10	350
			Chloroform	02/03/10	2300	04/26/10	1700	08/17/10	1900	12/13/10	2700
			Dichlorodifluoromethane	02/03/10	120	04/26/10	ND	08/17/10	ND	12/13/10	130
			Dichloroethane[1,1-]	02/03/10	**1500**	04/26/10	1200	08/17/10	1300	12/13/10	**1800**
			Dichloroethane[1,2-]	02/03/10	**1200**	04/26/10	**840**	08/17/10	**840**	12/13/10	**1400**
			Dichloroethene[1,1-]	02/03/10	**2400**	04/26/10	**1600**	08/17/10	**1600**	12/13/10	**2700**
			Dichloropropane[1,2-]	02/03/10	**6300**	04/26/10	**4200**	08/17/10	**4900**	12/13/10	**7200**
			Tetrachloroethene	02/03/10	**3400**	04/26/10	**2100**	08/17/10	**2800**	12/13/10	**3400**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	16000	04/26/10	16000	08/17/10	17000	12/13/10	25000
			Trichloroethane[1,1,1-]	02/03/10	**73000**	04/26/10	**61000**	08/17/10	**59000**	12/13/10	**76000**
			Trichloroethane[1,1,2-]	02/03/10	**160**	04/26/10	**ND**	08/17/10	**120**	12/13/10	**150**
			Trichloroethene	02/03/10	**15000**	04/26/10	**10000**	08/17/10	**12000**	12/13/10	**15000**
			Trichlorofluoromethane	02/03/10	1000	04/26/10	860	08/17/10	680	12/13/10	1100
	71.5	76.5	Benzene	02/03/10	260	04/26/10	230	08/17/10	240	12/13/10	280
			Carbon Tetrachloride	02/03/10	490	04/26/10	370	08/17/10	440	12/13/10	540
			Chlorobenzene	02/03/10	180	04/26/10	ND	08/17/10	170	12/13/10	210

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	71.5	76.5	Chloroform	02/03/10	**3100**	04/26/10	2900	08/17/10	2900	12/13/10	**3700**
			Dichlorodifluoromethane	02/03/10	170	04/26/10	ND	08/17/10	130	12/13/10	220
			Dichloroethane[1,1-]	02/03/10	**1800**	04/26/10	**1700**	08/17/10	**1600**	12/13/10	**2400**
			Dichloroethane[1,2-]	02/03/10	**2300**	04/26/10	**2200**	08/17/10	**2000**	12/13/10	**2900**
			Dichloroethene[1,1-]	02/03/10	**3600**	04/26/10	**3100**	08/17/10	**3100**	12/13/10	**4700**
			Dichloropropane[1,2-]	02/03/10	**7600**	04/26/10	**7000**	08/17/10	**7300**	12/13/10	**9200**
			Ethanol	02/03/10	1100	04/26/10	ND	08/17/10	ND	12/13/10	ND
			Methylene Chloride	02/03/10	**1300**	04/26/10	**1400**	08/17/10	**1100**	12/13/10	**1600**
			Tetrachloroethene	02/03/10	**3900**	04/26/10	**3500**	08/17/10	**3700**	12/13/10	**4200**
			Tetrahydrofuran	02/03/10	6700	04/26/10	5700	08/17/10	4900	12/13/10	7900
			Toluene	02/03/10	340	04/26/10	280	08/17/10	270	12/13/10	300
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	14000	04/26/10	15000	08/17/10	17000	12/13/10	22000
			Trichloroethane[1,1,1-]	02/03/10	**91000**	04/26/10	**92000**	08/17/10	**88000**	12/13/10	**110000**
			Trichloroethane[1,1,2-]	02/03/10	**190**	04/26/10	**ND**	08/17/10	**180**	12/13/10	**200**
			Trichloroethene	02/03/10	**20000**	04/26/10	**19000**	08/17/10	**20000**	12/13/10	**23000**
			Trichlorofluoromethane	02/03/10	1700	04/26/10	1600	08/17/10	1300	12/13/10	2000
			Xylene[1,2-]	02/03/10	270	04/26/10	260	08/17/10	220	12/13/10	380
	114.5	119.5	Benzene	02/03/10	**380**	04/26/10	**390**	08/17/10	**400**	12/13/10	**440**
			Carbon Tetrachloride	02/03/10	460	04/26/10	480	08/17/10	490	12/13/10	470
			Chlorobenzene	02/03/10	180	04/26/10	ND	08/17/10	220	12/13/10	190
			Chloroform	02/03/10	**3100**	04/26/10	**3300**	08/17/10	**3300**	12/13/10	**3600**
			Dichlorodifluoromethane	02/03/10	200	04/26/10	ND	08/17/10	210	12/13/10	240
			Dichloroethane[1,1-]	02/03/10	**1500**	04/26/10	**1800**	08/17/10	**1700**	12/13/10	**2000**
			Dichloroethane[1,2-]	02/03/10	**2500**	04/26/10	**2500**	08/17/10	**2300**	12/13/10	**3000**
			Dichloroethene[1,1-]	02/03/10	**4600**	04/26/10	**4900**	08/17/10	**5100**	12/13/10	**6000**
			Dichloropropane[1,2-]	02/03/10	**5800**	04/26/10	**5700**	08/17/10	**7300**	12/13/10	**7100**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	114.5	119.5	Ethanol	02/03/10	1400	04/26/10	ND	08/17/10	ND	12/13/10	ND
			Methylene Chloride	02/03/10	**3300**	04/26/10	**3800**	08/17/10	**3900**	12/13/10	**3700**
			Tetrachloroethene	02/03/10	**3100**	04/26/10	**2500**	08/17/10	**3800**	12/13/10	**3200**
			Tetrahydrofuran	02/03/10	600	04/26/10	660	08/17/10	690	12/13/10	1100
			Toluene	02/03/10	700	04/26/10	590	08/17/10	740	12/13/10	610
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	12000	04/26/10	15000	08/17/10	16000	12/13/10	16000
			Trichloroethane[1,1,1-]	02/03/10	**80000**	04/26/10	**97000**	08/17/10	**92000**	12/13/10	**95000**
			Trichloroethane[1,1,2-]	02/03/10	**130**	04/26/10	**ND**	08/17/10	**160**	12/13/10	**ND**
			Trichloroethene	02/03/10	**20000**	04/26/10	**21000**	08/17/10	**25000**	12/13/10	**22000**
			Trichlorofluoromethane	02/03/10	2000	04/26/10	2300	08/17/10	2200	12/13/10	2300
			Xylene[1,2-]	02/03/10	340	04/26/10	250	08/17/10	400	12/13/10	420
	164.5	169.5	Benzene	02/03/10	**720**	04/26/10	**590**	08/17/10	**640**	12/13/10	**830**
			Carbon Tetrachloride	02/03/10	680	04/26/10	490	08/17/10	560	12/13/10	710
			Chlorobenzene	02/03/10	170	04/26/10	ND	08/17/10	150	12/13/10	220
			Chloroform	02/03/10	**4000**	04/26/10	**3400**	08/17/10	**3600**	12/13/10	**4800**
			Dichlorodifluoromethane	02/03/10	330	04/26/10	300	08/17/10	300	12/13/10	410
			Dichloroethane[1,1-]	02/03/10	**1500**	04/26/10	1300	08/17/10	1400	12/13/10	**2000**
			Dichloroethane[1,2-]	02/03/10	**2400**	04/26/10	**2100**	08/17/10	**1900**	12/13/10	**3100**
			Dichloroethene[1,1-]	02/03/10	**8300**	04/26/10	**6900**	08/17/10	**7700**	12/13/10	**11000**
			Dichloropropane[1,2-]	02/03/10	**4800**	04/26/10	**3900**	08/17/10	**4600**	12/13/10	**6100**
			Ethanol	02/03/10	760	04/26/10	ND	08/17/10	ND	12/13/10	ND
			Hexane	02/03/10	270	04/26/10	230	08/17/10	230	12/13/10	330
			Methylene Chloride	02/03/10	**8400**	04/26/10	**8100**	08/17/10	**9200**	12/13/10	**11000**
			Tetrachloroethene	02/03/10	**3100**	04/26/10	**2600**	08/17/10	**2800**	12/13/10	**3500**

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	164.5	169.5	Toluene	02/03/10	1500	04/26/10	1300	08/17/10	1300	12/13/10	1700
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	16000	04/26/10	14000	08/17/10	17000	12/13/10	19000
			Trichloroethane[1,1,1-]	02/03/10	**90000**	04/26/10	**82000**	08/17/10	**84000**	12/13/10	**110000**
			Trichloroethene	02/03/10	**28000**	04/26/10	**24000**	08/17/10	**25000**	12/13/10	**31000**
			Trichlorofluoromethane	02/03/10	3200	04/26/10	2800	08/17/10	2900	12/13/10	3800
			Xylene[1,2-]	02/03/10	380	04/26/10	360	08/17/10	280	12/13/10	540
			Xylene[1,3-]+Xylene[1,4-]	02/03/10	ND	04/26/10	ND	08/17/10	ND	12/13/10	120
	272.5	277.5	Benzene	02/03/10	**470**	04/26/10	**520**	08/17/10	**460**	12/13/10	**560**
			Carbon Tetrachloride	02/03/10	530	04/26/10	510	08/17/10	430	12/13/10	530
			Chloroform	02/03/10	1900	04/26/10	2000	08/17/10	1700	12/13/10	2200
			Dichlorodifluoromethane	02/03/10	380	04/26/10	390	08/17/10	280	12/13/10	430
			Dichloroethane[1,1-]	02/03/10	540	04/26/10	580	08/17/10	530	12/13/10	710
			Dichloroethane[1,2-]	02/03/10	**110**	04/26/10	**130**	08/17/10	**90**	12/13/10	**150**
			Dichloroethene[1,1-]	02/03/10	**9000**	04/26/10	**9500**	08/17/10	**8200**	12/13/10	**12000**
			Dichloropropane[1,2-]	02/03/10	**590**	04/26/10	**640**	08/17/10	**550**	12/13/10	**770**
			Hexane	02/03/10	360	04/26/10	370	08/17/10	340	12/13/10	420
			Methylene Chloride	02/03/10	**5400**	04/26/10	**6200**	08/17/10	**5600**	12/13/10	**7200**
			Tetrachloroethene	02/03/10	**1400**	04/26/10	**1600**	08/17/10	**1200**	12/13/10	**1500**
			Toluene	02/03/10	400	04/26/10	370	08/17/10	310	12/13/10	230
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	13000	04/26/10	15000	08/17/10	13000	12/13/10	15000
			Trichloroethane[1,1,1-]	02/03/10	**41000**	04/26/10	**47000**	08/17/10	**36000**	12/13/10	**48000**
			Trichloroethene	02/03/10	**16000**	04/26/10	**18000**	08/17/10	**15000**	12/13/10	**18000**
			Trichlorofluoromethane	02/03/10	2400	04/26/10	2600	08/17/10	2000	12/13/10	2900
	351.5	356.5	Benzene	02/03/10	150	04/26/10	120	08/17/10	160	12/13/10	160
			Carbon Tetrachloride	02/03/10	210	04/26/10	160	08/17/10	200	12/13/10	200
			Chloroform	02/03/10	240	04/26/10	200	08/17/10	240	12/13/10	260

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-27643	351.5	356.5	Dichlorodifluoromethane	02/03/10	210	04/26/10	150	08/17/10	170	12/13/10	210
			Dichloroethane[1,1-]	02/03/10	77	04/26/10	65	08/17/10	82	12/13/10	96
			Dichloroethene[1,1-]	02/03/10	**4000**	04/26/10	**3200**	08/17/10	**4400**	12/13/10	**4900**
			Dichloropropane[1,2-]	02/03/10	18	04/26/10	ND	08/17/10	17	12/13/10	20
			Hexane	02/03/10	180	04/26/10	120	08/17/10	150	12/13/10	120
			Methylene Chloride	02/03/10	**540**	04/26/10	**490**	08/17/10	**640**	12/13/10	**660**
			Propylene	02/03/10	ND	04/26/10	ND	08/17/10	50	12/13/10	ND
			Tetrachloroethene	02/03/10	320	04/26/10	280	08/17/10	360	12/13/10	310
			Toluene	02/03/10	55	04/26/10	40	08/17/10	59	12/13/10	38
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/03/10	4700	04/26/10	3700	08/17/10	5200	12/13/10	4700
			Trichloroethane[1,1,1-]	02/03/10	**9200**	04/26/10	7700	08/17/10	**8800**	12/13/10	**9700**
			Trichloroethene	02/03/10	**4100**	04/26/10	**3400**	08/17/10	**4200**	12/13/10	**4100**
			Trichlorofluoromethane	02/03/10	770	04/26/10	610	08/17/10	820	12/13/10	840
54-610786	22.5	27.5	Carbon Tetrachloride	02/05/10	200	04/26/10	ND	08/20/10	230	12/10/10	250
			Chloroform	02/05/10	1400	04/26/10	1800	08/20/10	2200	12/10/10	**3400**
			Dichlorodifluoromethane	02/05/10	94	04/26/10	ND	08/20/10	100	12/10/10	220
			Dichloroethane[1,1-]	02/05/10	1300	04/26/10	**1600**	08/20/10	**1600**	12/10/10	**1700**
			Dichloroethane[1,2-]	02/05/10	**990**	04/26/10	**1000**	08/20/10	**1100**	12/10/10	**1300**
			Dichloroethene[1,1-]	02/05/10	**1700**	04/26/10	**1500**	08/20/10	**1600**	12/10/10	**1600**
			Dichloropropane[1,2-]	02/05/10	**4200**	04/26/10	**3900**	08/20/10	**5300**	12/10/10	**5200**
			Tetrachloroethene	02/05/10	**2300**	04/26/10	**2600**	08/20/10	**3300**	12/10/10	**3500**
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	19000	04/26/10	28000	08/20/10	28000	12/10/10	48000
			Trichloroethane[1,1,1-]	02/05/10	**50000**	04/26/10	**68000**	08/20/10	**62000**	12/10/10	**70000**
			Trichloroethane[1,1,2-]	02/05/10	**ND**	04/26/10	**ND**	08/20/10	**140**	12/10/10	**ND**
			Trichloroethene	02/05/10	**10000**	04/26/10	**13000**	08/20/10	**15000**	12/10/10	**18000**
			Trichlorofluoromethane	02/05/10	530	04/26/10	660	08/20/10	580	12/10/10	720

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-610786	97.5	102.5	Benzene	02/05/10	**360**	04/26/10	350	08/20/10	**400**	12/10/10	320
			Carbon Tetrachloride	02/05/10	510	04/26/10	420	08/20/10	440	12/10/10	420
			Chlorobenzene	02/05/10	330	04/26/10	ND	08/20/10	290	12/10/10	300
			Chloroform	02/05/10	**3200**	04/26/10	**3100**	08/20/10	3000	12/10/10	**3400**
			Dichlorodifluoromethane	02/05/10	200	04/26/10	ND	08/20/10	190	12/10/10	310
			Dichloroethane[1,1-]	02/05/10	**2000**	04/26/10	**2000**	08/20/10	**2000**	12/10/10	**2000**
			Dichloroethane[1,2-]	02/05/10	**2600**	04/26/10	**2400**	08/20/10	**2300**	12/10/10	**2600**
			Dichloroethene[1,1-]	02/05/10	**4700**	04/26/10	**3900**	08/20/10	**4100**	12/10/10	**3900**
			Dichloropropane[1,2-]	02/05/10	**7500**	04/26/10	**6600**	08/20/10	**7400**	12/10/10	**7100**
			Ethanol	02/05/10	ND	04/26/10	ND	08/20/10	ND	12/10/10	2000
			Methylene Chloride	02/05/10	**3900**	04/26/10	**3800**	08/20/10	**3900**	12/10/10	**3600**
			Tetrachloroethene	02/05/10	**4400**	04/26/10	**3200**	08/20/10	**4000**	12/10/10	**3800**
			Tetrahydrofuran	02/05/10	10000	04/26/10	9400	08/20/10	8800	12/10/10	8500
			Toluene	02/05/10	830	04/26/10	560	08/20/10	540	12/10/10	510
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	17000	04/26/10	17000	08/20/10	21000	12/10/10	21000
			Trichloroethane[1,1,1-]	02/05/10	**99000**	04/26/10	**100000**	08/20/10	**98000**	12/10/10	**100000**
			Trichloroethane[1,1,2-]	02/05/10	**ND**	04/26/10	**ND**	08/20/10	**170**	12/10/10	**ND**
			Trichloroethene	02/05/10	**25000**	04/26/10	**22000**	08/20/10	**24000**	12/10/10	**24000**
			Trichlorofluoromethane	02/05/10	1900	04/26/10	1800	08/20/10	1700	12/10/10	1800
			Xylene[1,2-]	02/05/10	480	04/26/10	300	08/20/10	330	12/10/10	370
			Xylene[1,3-]+Xylene[1,4-]	02/05/10	160	04/26/10	ND	08/20/10	ND	12/10/10	ND
	116	121	Benzene	02/05/10	**490**	04/26/10	**420**	08/20/10	**460**	12/10/10	330
			Carbon Tetrachloride	02/05/10	610	04/26/10	460	08/20/10	490	12/10/10	370
			Chlorobenzene	02/05/10	320	04/26/10	ND	08/20/10	290	12/10/10	220
			Chloroform	02/05/10	**3700**	04/26/10	**3500**	08/20/10	**3400**	12/10/10	2900
			Dichlorodifluoromethane	02/05/10	240	04/26/10	ND	08/20/10	220	12/10/10	260

Table D-1.0-3 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	Analyte	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
				Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)	Collection Date	Result (ppbv)
54-610786	116	121	Dichloroethane[1,1-]	02/05/10	**2100**	04/26/10	**2000**	08/20/10	**2100**	12/10/10	**1600**
			Dichloroethane[1,2-]	02/05/10	**3100**	04/26/10	**2900**	08/20/10	**2600**	12/10/10	**2200**
			Dichloroethene[1,1-]	02/05/10	**6200**	04/26/10	**5100**	08/20/10	**5200**	12/10/10	**4000**
			Dichloropropane[1,2-]	02/05/10	**7600**	04/26/10	**6600**	08/20/10	**7300**	12/10/10	**5200**
			Ethanol	02/05/10	ND	04/26/10	ND	08/20/10	ND	12/10/10	1800
			Methylene Chloride	02/05/10	**5900**	04/26/10	**5800**	08/20/10	**5800**	12/10/10	**4200**
			Tetrachloroethene	02/05/10	**4200**	04/26/10	**3000**	08/20/10	**4000**	12/10/10	**2800**
			Tetrahydrofuran	02/05/10	4400	04/26/10	3800	08/20/10	3800	12/10/10	2600
			Toluene	02/05/10	1000	04/26/10	700	08/20/10	820	12/10/10	500
			Trichloro-1,2,2-trifluoroethane[1,1,2-]	02/05/10	17000	04/26/10	17000	08/20/10	20000	12/10/10	16000
			Trichloroethane[1,1,1-]	02/05/10	**100000**	04/26/10	**110000**	08/20/10	**100000**	12/10/10	**83000**
			Trichloroethane[1,1,2-]	02/05/10	**ND**	04/26/10	**ND**	08/20/10	**160**	12/10/10	**ND**
			Trichloroethene	02/05/10	**28000**	04/26/10	**24000**	08/20/10	**26000**	12/10/10	**20000**
			Trichlorofluoromethane	02/05/10	2400	04/26/10	2200	08/20/10	2200	12/10/10	1900
			Xylene[1,2-]	02/05/10	490	04/26/10	330	08/20/10	740	12/10/10	270
			Xylene[1,3-]+Xylene[1,4-]	02/05/10	ND	04/26/10	ND	08/20/10	840	12/10/10	ND

Note: Concentrations in bold indicate values that would exceed an SV of 1.

[a] ND = Not detected.

[b] NS = Not sampled.

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

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st 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	02/01/10	519	04/19/10	634	08/06/10	471	11/19/10	35800
	77.5	82.5	02/02/10	2160	04/19/10	ND[a]	08/06/10	696	11/19/10	10100
	117.5	122.5	02/02/10	502	04/19/10	2000	08/06/10	662	11/22/10	ND
	137.5	142.5	02/01/10	923	04/19/10	ND	08/06/10	305	11/22/10	346
54-02002	37.5	42.5	02/05/10	2310	04/27/10	2000	NS	NS	12/13/10	419
	97.5	102.5	02/05/10	2650	04/27/10	3180	09/08/10	1940	12/14/10	5860
	117.5	122.5	02/05/10	2640	04/28/10	1010	09/01/10	1820	12/13/10	1310
	177.5	182.5	02/05/10	1990	NS	NS	09/01/10	432	12/13/10	3240
	197.5	202.5	NS	NS	04/27/10	2780	NS	NS	NS	NS
54-02016	28.5	33.5	01/27/10	1500	04/23/10	715	08/16/10	ND	11/30/10	1300
	79.5	84.5	01/27/10	1350	04/23/10	60200	08/16/10	517	11/30/10	8100
54-02021	10	30	02/03/10	ND	04/02/10	668	08/03/10	ND	11/18/10	ND
	110	130	NS	NS	04/02/10	1410	08/03/10	ND	11/18/10	ND
	130	150	02/03/10	ND	04/02/10	873	08/03/10	ND	11/18/10	22700
54-02022	37.5	42.5	02/01/10	ND	04/09/10	ND	08/05/10	ND	12/08/10	1060
	77.5	82.5	02/01/10	ND	04/09/10	ND	08/05/10	ND	12/08/10	32000
	137.5	142.5	02/01/10	ND	04/09/10	ND	08/05/10	ND	12/06/10	2640
54-02023	30	50	02/11/10	696	05/11/10	ND	08/26/10	ND	12/20/10	ND
	90	110	02/11/10	ND	05/11/10	1830 (J)	08/26/10	ND	12/20/10	ND
	140	140	NS	NS	05/11/10	953	NS	NS	NS	NS
54-02024	30	50	02/16/10	1290	05/12/10	ND	08/30/10	ND	12/15/10	9660
	90	110	02/16/10	602	05/12/10	ND	08/30/10	ND	12/15/10	ND
	130	150	02/16/10	2260	05/12/10	ND	08/30/10	ND	NS	NS
	150	170	02/16/10	499	05/12/10	ND	08/30/10	ND	12/15/10	3910

Table D-1.0-4 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
			Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)
54-02025	20	20	02/04/10	719	04/29/10	621	09/01/10	ND	12/09/10	1040
	100	100	02/04/10	386	04/29/10	380	09/01/10	ND	12/09/10	ND
	160	160	02/04/10	1230	04/29/10	1810	09/03/10	ND	12/09/10	395
54-02026	20	20	02/09/10	558	05/10/10	ND	09/01/10	ND	12/20/10	ND
	100	100	02/09/10	323	05/10/10	ND	08/31/10	ND	12/20/10	ND
	160	160	02/09/10	1050	05/10/10	ND	08/31/10	ND	12/20/10	5920
54-02027	20	20	02/17/10	1110	04/30/10	ND	09/10/10	ND	12/10/10	ND
	200	200	02/17/10	691	04/30/10	ND	09/10/10	ND	12/10/10	ND
54-02028	20	20	02/12/10	1020	05/07/10	ND	08/27/10	ND	12/16/10	ND
54-02031	20	20	02/04/10	ND	04/05/10	0.298	08/02/10	ND	11/19/10	530
	100	100	02/04/10	ND	04/05/10	0.356	08/02/10	ND	11/19/10	422
	260	260	02/04/10	ND	04/05/10	0.329	08/02/10	ND	11/22/10	ND
54-02034	20	20	02/02/10	ND	04/06/10	403	08/04/10	461	11/30/10	13600
	160	160	02/02/10	562	04/06/10	735	08/04/10	ND	11/30/10	ND
	260	260	02/02/10	738	04/06/10	ND	08/04/10	434	11/30/10	ND
54-02089	31	31	01/29/10	1620	04/22/10	3170	08/09/10	1130	11/23/10	9050
	46	46	01/29/10	4230	04/22/10	27400	08/09/10	424	11/23/10	9350
54-24238	63	65	02/01/10	5630	04/23/10	ND	08/10/10	3490	12/06/10	ND
54-24239	24	26	01/26/10	ND	06/09/10	ND	08/23/10	ND	12/06/10	258
	74	76	01/26/10	3430	06/09/10	ND	08/23/10	ND	12/06/10	463
54-24240	27	29	01/27/10	1500	04/20/10	ND	08/20/10	ND	12/02/10	ND
	52	54	01/27/10	896	04/20/10	ND	08/20/10	ND	12/03/10	ND
	127	129	01/27/10	807	04/20/10	ND	08/20/10	726	12/02/10	ND
	152	154	01/27/10	5070	04/20/10	ND	08/20/10	3740	12/02/10	ND

Table D-1.0-4 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
			Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)
54-24241	71	74	02/19/10	ND	04/21/10	2210	08/25/10	2180	12/01/10	1890
	112	114	02/19/10	18600	04/21/10	28300	08/25/10	ND	12/01/10	1420
	132	134	02/19/10	ND	04/21/10	702	08/25/10	ND	12/01/10	1000
54-24242	24	26	01/26/10	1300	04/22/10	404	08/24/10	1140	12/03/10	ND
	49	51	01/26/10	1510	04/22/10	437	08/24/10	440	12/03/10	ND
54-24243	23	26	NS[b]	NS	NS	NS	NS	NS	12/13/10	37300
	24	26	02/18/10	139000	06/09/10	4260	09/09/10	2660	NS	NS
	74	76	02/18/10	23000	06/09/10	479000	09/09/10	280000	12/13/10	259000
	124	126	02/18/10	4760	06/09/10	28100	09/08/10	36200	12/13/10	4380
54-24399	550	608	03/03/10	3050	04/22/10	728	08/18/10	615	NS	NS
54-27641	29.5	34.5	01/28/10	1030	04/20/10	ND	08/18/10	ND	12/21/10	ND
	79.5	84.5	01/28/10	983	04/20/10	ND	08/18/10	ND	12/21/10	ND
	112.5	117.5	01/28/10	396	04/20/10	566	08/18/10	ND	12/21/10	ND
	179.5	184.5	01/28/10	314	04/20/10	452	08/18/10	ND	12/21/10	ND
	268.5	273.5	01/28/10	1060	04/20/10	ND	08/18/10	448	12/21/10	ND
	330	335	01/28/10	547	04/20/10	ND	08/18/10	427	12/21/10	7890
54-27642	27.5	32.5	01/28/10	611	04/26/10	577	08/13/10	ND	12/02/10	461
	71.5	76.5	01/28/10	1800	04/26/10	3570	08/13/10	ND	12/02/10	9460
	114.5	119.5	01/28/10	2640	04/26/10	573	08/13/10	ND	12/02/10	2260
	172.5	177.5	01/28/10	607	04/26/10	684	08/13/10	ND	12/02/10	961
	272.5	277.5	01/28/10	847	04/26/10	471	08/13/10	ND	12/02/10	2250
	335.5	340.5	01/28/10	495	04/26/10	306	08/13/10	ND	12/02/10	6990
54-27643	27.5	32.5	02/10/10	766	06/07/10	345	09/13/10	514	12/15/10	924
	71.5	76.5	02/10/10	1610	06/07/10	388	09/13/10	657	12/15/10	560

Table D-1.0-4 (continued)

Vapor-Monitoring Well	Begin Depth (ft bgs)	End Depth (ft bgs)	2nd Quarter FY2010		3rd Quarter FY2010		4th Quarter FY2010		1st Quarter FY2011	
			Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)	Collection Date	Result (pCi/L)
54-27643	114.5	119.5	02/10/10	981	06/07/10	ND	09/13/10	572	12/15/10	1950
	164.5	169.5	02/10/10	882	06/07/10	304	09/13/10	597	12/15/10	839
	272.5	277.5	02/10/10	1270	06/07/10	383	09/13/10	418	12/15/10	857
	351.5	356.5	02/10/10	ND	06/07/10	ND	09/13/10	1430	12/15/10	ND
54-610786	22.5	27.5	02/08/10	495	05/14/10	ND	09/10/10	867	12/10/10	1270
	97.5	102.5	02/08/10	466	05/14/10	ND	09/10/10	746	12/10/10	1140
	116	121	02/08/10	1200	05/14/10	ND	09/10/10	630	12/10/10	834

[a] ND = Not detected.

[b] NS = Not sampled.

Attachment D-1

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