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ACRONYMS AND ABBREVIATIONS

| | |
|------|---|
| ADEC | Alaska Department of Environmental Conservation |
| DRO | diesel range organics |
| GCL | ground water cleanup level |
| PQL | practical quantitation limit |
| QA | quality assurance |
| QC | quality control |
| SVE | soil vapor extraction |
| VSC | vapor stripping and circulation |

1.0 BACKGROUND

The 2012 Corrective Action Work Plan for this site includes one ground water monitoring event and site closure with institutional controls. MWH completed this monitoring event at the Former Tesoro Northstore #11 on behalf of Tesoro Refining and Marketing Company. Ground water monitoring at this site is being conducted to verify the reduction of on-site contaminants.

This report describes the activities and results for the 2012 monitoring event, conducted on February 10, 2012, and the assessment of the remediation system.

Charles Larson, Engineering Technician III, and Nicole Neuman, Professional Environmental Chemist, both with MWH, completed the work for the February 2012 monitoring event. All sampling activities were completed in accordance with the Alaska Department of Environmental Conservation (ADEC) *Underground Storage Tanks Procedures Manual – Standard Sampling Procedures* (November 7, 2002).

The February 2012 monitoring event included collecting and analyzing ground water samples, and assessing the remediation systems. Ground water samples were collected from Monitoring Wells MW-3, MW-4, MW-5, MW-6, MW-8, MW-14, MW-15, MW-16, and MW-17. In addition, the results of a November 2011 re-survey of the water wells in the vicinity of the site are provided. The site location is shown on Figure 1, locations of the monitoring wells on Figure 2, and the soil vapor extraction (SVE)/vapor stripping and circulation (VSC) system layouts on Figure 3.

2.0 METHODS

The methods that were used for the February 2012 monitoring event were specified in the ADEC-approved 2012 Corrective Action Work Plan for this site.

3.0 RESULTS

3.1 GROUND WATER LEVELS

Table 1 presents ground water elevations in the monitoring wells based on the depths to static water levels measured during the February 2012 monitoring event. Monitoring Wells MW-4, MW-5, and MW-6 were not included in the well vertical survey.

Table 1 Ground Water Elevations
Measured on February 10, 2012

| Monitoring Well Identification | Top of Casing Elevation (feet) ¹ | Depth to Water (feet) | Ground Water Elevation (feet) |
|--------------------------------|---|-----------------------|-------------------------------|
| MW-3 | 98.09 | 18.91 | 79.18 |
| MW-8 | 98.19 | 18.93 | 79.26 |

Table 1 (Cont.) Ground Water Elevations
Measured on February 10, 2012

| Monitoring Well Identification | Top of Casing Elevation (feet) ¹ | Depth to Water (feet) | Ground Water Elevation (feet) |
|--------------------------------|---|-----------------------|-------------------------------|
| MW-14 | 99.50 | 19.87 | 79.63 |
| MW-15 | 99.38 | 20.50 | 78.88 |
| MW-16 | 99.26 | 19.20 | 80.06 |
| MW-17 | 98.35 | 19.02 | 79.33 |

Key:

1 – Based on a vertical control survey of June 9, 2009, using an arbitrary datum.

3.2 FIELD PARAMETERS

The results of field parameter testing of the water samples collected during the February 2012 monitoring event are presented in Table 2.

Table 2 Field Parameters
Measured on February 10, 2012

| Monitoring Well Identification | Temp. (°C) | pH | Dissolved Oxygen (mg/L) | ORP (mV) | SC (µs/cm) |
|--------------------------------|------------|------|-------------------------|----------|------------|
| MW-3 | 6.2 | 6.96 | 3.57 | -6.9 | 158.1 |
| MW-4 | 6.3 | 6.75 | 0.47 | 5.0 | 135.8 |
| MW-5 | 6.5 | 6.93 | 2.65 | -4.8 | 138.3 |
| MW-6 | 5.7 | 7.08 | 1.20 | -13.6 | 148.5 |
| MW-8 | 7.2 | 6.59 | 2.40 | 15.7 | 167.4 |
| MW-14 | 6.4 | 7.37 | 0.39 | -30.8 | 210.2 |
| MW-15 | 6.6 | 7.45 | 0.40 | -35.0 | 220.2 |
| MW-16 | 7.0 | 6.68 | 1.13 | 8.1 | 204.3 |
| MW-17 | 7.2 | 6.80 | 0.25 | 1.0 | 198.6 |

Key:

°C – degrees Celsius

µs/cm – microsiemens per centimeter

mg/L – milligrams per liter

mV - millivolt

ORP – oxidation-reduction potential

pH – -log [H⁺]

SC – specific conductivity

A typewritten copy of the sampler's field measurements and notes is included as a worksheet in Appendix A. The worksheet also notes the instruments and test methods used to analyze each parameter.

3.3 GROUND WATER SAMPLE ANALYTICAL RESULTS

All historical monitoring data for this site are tabulated in Appendix B. Laboratory analytical results for the ground water samples collected during the February 2012 monitoring event are summarized in Table 3. A copy of the laboratory report is provided in Appendix C.

Table 3 Ground Water Analytical Results
Samples collected on February 10, 2012

| Sample Identification | Benzene ¹ (mg/L) | Toluene ¹ (mg/L) | Ethylbenzene ¹ (mg/L) | Xylenes ¹ (mg/L) | GRO (mg/L) | DRO (mg/L) |
|------------------------------------|--------------------------------|--------------------------------|-------------------------------------|--------------------------------|---------------|---------------|
| MW-3 | 0.00111 | 0.00164 | 0.0151 | 0.00627 | 0.373 | U (0.424) |
| MW-4 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.403) |
| MW-5 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.446) |
| MW-6 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.424) |
| MW-8 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) |
| MW-14 | U (0.0005) | U (0.0005) | 0.000606 | U (0.0015) | U (0.05) | U (0.431) |
| MW-15 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.475 |
| MW-16 | U (0.0005) | U (0.0005) | 0.00824 | 0.00376 | 0.0807 | U (0.417) |
| MW-17 | U (0.0005) | 0.00115 | 0.00842 | 0.00460 | 0.136 | U (0.424) |
| TNS 11 DUP (duplicate of MW-15) | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.890 |
| Trip Blank | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | NT |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 |

Key:

1 – Analyzed by U.S. Environmental Protection Agency Test Method 8021B.

AK – Alaska Test Method

DRO – diesel range organics, analyzed by AK102.

GCLs – Ground water cleanup level, per Alaska Department of Environmental Conservation
18 Alaska Administrative Code 75.345, Table C, dated October 9, 2008.

GRO – gasoline range organics, analyzed by AK101.

mg/L – milligrams per liter

NT – not tested

U – Undetected above practical quantitation limits shown in parentheses.

3.4 REMEDIATION SYSTEM OPERATION

The VSC system was shut off on October 4, 2011. The SVE system was taken off-line in March 2010 due to very low vapor extraction rates.

3.5 QUALITY ASSURANCE/QUALITY CONTROL REVIEW

TestAmerica Inc. met all laboratory quality assurance (QA)/quality control (QC) criteria during the analysis of ground water samples for this sampling event. Laboratory QC data and the ADEC Laboratory Data Review Checklist are included with the laboratory report in Appendix C.

TNS 11 DUP was a duplicate of Sample MW-15. The duplicate sample sets were collected to determine the precision of field sampling and the laboratory analyses for this sampling event. Data presented in Table 4 show that the precision for the duplicate sample set was not within the QA criteria for diesel range organics (DRO). The precision could not be calculated for all other analytes, because they were not detected above the practical quantitation limits (PQLs).

Table 4 Laboratory Quality Control Objectives

| Quality Control Designation | Tolerance | Results for This Event |
|-------------------------------------|-----------|------------------------|
| Holding Times | | |
| BTEX/Water/to analyze | 14 days | 5 days |
| DRO/Water/to analyze | 40 days | 6 days |
| DRO/Water/to extract | 7 days | 6 days |
| GRO/Water/to analyze | 14 days | 5 days |
| Field Duplicates – Precision | | |
| Benzene/Water | ± 30% | NC |
| Toluene/Water | ± 30% | NC |
| Ethylbenzene/Water | ± 30% | NC |
| Xylenes/Water | ± 30% | NC |
| GRO/Water | ± 30% | NC |
| DRO/Water | ± 30% | 61% |

Key:

% – percent

± – plus or minus

BTEX – benzene, toluene, ethylbenzene, and xylenes

DRO – diesel range organics

GRO – gasoline range organics

NC – Unable to calculate precision because BTEX and GRO were not detected above the practical quantitation limits.

4.0 DISCUSSION OF FINDINGS

4.1 GROUND WATER HYDRAULIC CHARACTERISTICS

The ground water elevations presented in Table 1 were plotted using polynomial regression. The ground water flow direction on February 10, 2012, was found to be toward the east, with a bearing of 97 degrees and at a gradient of approximately 0.007 feet per foot, based on the polynomial regression plot. These findings are consistent with historical ground water flow and direction values, as shown on Figure 2. A copy of the hydraulic gradient plot is provided in Appendix A.

4.2 GROUND WATER QUALITY

No analytes were detected above the ADEC ground water cleanup levels (GCLs). DRO was detected above the PQL, but below the GCL, in Monitoring Well MW-15. Ethylbenzene,

xylenes, and gasoline range organics (GRO) were detected above the PQLs, but below the GCLs, in Monitoring Wells MW-3, MW-16, and MW-17. Toluene was detected above the PQL, but below the GCL, in Monitoring Wells MW-3 and MW-17. Benzene was detected above the PQL, but below the GCL, in Monitoring Well MW-3. No analytes of concern were detected above their respective PQLs in Monitoring Wells MW-4, MW-5, MW-6, MW-8, and MW-14.

Graphs of contaminant concentrations and ground water elevations with respect to time for Monitoring Wells MW-14 and MW-15 are presented on Figure 4. The other monitoring wells are not graphed due to historically low contaminant concentrations. The DRO concentration in Monitoring Well MW-15 remained below the GCL for the fourth consecutive event. This is a significant decrease compared to elevated levels detected in MW-15 during the January 2009 through February 2010 monitoring events.

4.3 REMEDIATION SYSTEM

The results of the February 2012 monitoring event indicate that the on-site remediation systems have provided effective ground water and vadose zone treatment at this site. Ground water contamination concentrations are below the GCLs in all monitoring wells. The SVE and VSC systems were taken off-line (March 2010) and shut down (October 4, 2011), respectively, and remain off at the site because there is no additional benefit for system operation.

4.4 WELL SEARCH FOLLOW-UP

In the October 1998 Well Search, prepared by Gilfillian Engineering & Environmental Testing, Inc., nine residential and business sites with potential wells were identified downgradient of Former Tesoro Northstore #11. A follow-up of these sites in November 2011 indicated that seven of these sites are currently provided water by Anchorage Water and Wastewater Utilities. The closest of the two remaining, active wells is 650 feet downgradient from the subject site. Monitoring of off-site and downgradient monitoring wells during the February 2012 Monitoring Event indicated that contaminants are not migrating off-site from the Former Tesoro Northstore #11.

5.0 CONCLUSIONS AND RECOMMENDATIONS

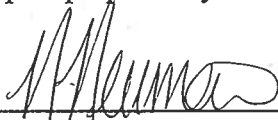
No anomalies were found during the February 2012 monitoring event that require additional corrective action or changes to the ADEC-approved 2012 Correction Action Work Plan. The DRO levels detected in Monitoring Well MW-15 have significantly decreased since the February 2010 monitoring event due to active treatment. MWH recommends that ADEC grant the request for Cleanup Complete with Institutional Controls (CCIC) submitted in November 2011.

6.0 LIMITATIONS

MWH conducted the February 2012 monitoring event at this site in accordance with work plan approved by ADEC, and in a manner consistent with the level of skill ordinarily exercised by

members of the profession currently practicing under similar conditions. All sampling activities were completed in accordance with the ADEC *Underground Storage Tanks Procedures Manual – Standard Sampling Procedures* (November 7, 2002). No other warranty, expressed or implied, is made. Data and recommendations made herein were prepared for Former Tesoro Northstore #11 and Tesoro Refining and Marketing Company. Information herein is for use at this site in accordance with the purpose of the report described.

Report prepared by:



Nicole Neuman
Professional Environmental Chemist

3/21/2012
Date

Report reviewed by:



Michael Zidek
Project Manager

March 21, 2012
Date

FIGURES

- | | |
|----------|--|
| Figure 1 | Location and Vicinity Map |
| Figure 2 | Site Plan with Ground Water Analytical Results |
| Figure 3 | Remediation System Layout |
| Figure 4 | Graphs of Contaminant Concentrations and Ground Water Elevations |
-



58

1A

61



DUBEN AVENUE

DUBEN AVENUE

| |
|-------------------------|
| MW-15 |
| Benzene U(0.0005) |
| GRO U(0.05) |
| DRO 0.475 |
| GW Elev. 78.88 |
| MW-15 DUPLICATE |
| Benzene U(0.0005) |
| GRO U(0.05) |
| DRO 0.890 |
| GW Elev. 78.88 |

MW-13 (DECOMI)

LEGEND:

- PROPERTY LINE
- ▲ MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- VAPOR STRIPPING AND CIRCULATION WELL
- DRO DIESEL RANGE ORGANICS
- GRO GASOLINE RANGE ORGANICS
- GW Elev. GROUND WATER ELEVATION IN FEET
- NM NOT MEASURED
- U UNDETECTED ABOVE PRACTICAL QUANTITATION LIMITS SHOWN IN PARENTHESES
- UST UNDERGROUND STORAGE TANK

| |
|-------------------------|
| MW-14 |
| Benzene U(0.0005) |
| GRO U(0.05) |
| DRO U(0.431) |
| GW Elev. 79.63 |

MW-12 (DECOMMISSIONED)

LOT 1
LOT 2
SVE-5

MW-2

VSC-2

MW-15

CW-3

MW-14

MW-11 (DESTROYED)

MW-1

SVE-3

MW-16

SVE-1

VSC-1

SVE-2

SVE-4

CW-1

MW-3

MW-17

MW-8

| |
|-------------------------|
| MW-8 |
| Benzene U(0.0005) |
| GRO U(0.05) |
| DRO U(0.397) |
| GW Elev. 79.26 |

| |
|-------------------------|
| MW-16 |
| Benzene U(0.0005) |
| GRO 0.0807 |
| DRO U(0.417) |
| GW Elev. 80.06 |

ROAD

MW-7

| |
|-----------------------|
| MW-3 |
| Benzene 0.00111 |
| GRO 0.373 |
| DRO U(0.424) |
| GW Elev. 79.18 |

EAST THIRD AVENUE

MW-6

MW-5

MW-4

| |
|-------------------------|
| MW-6 |
| Benzene U(0.0005) |
| GRO U(0.05) |
| DRO U(0.424) |
| GW Elev. NM |

MULDOON

| |
|-------------------------|
| MW-17 |
| Benzene U(0.0005) |
| GRO 0.136 |
| DRO U(0.424) |
| GW Elev. 79.33 |

| |
|-------------------------|
| MW-5 |
| Benzene U(0.0005) |
| GRO U(0.05) |
| DRO U(0.446) |
| GW Elev. NM |

| |
|-------------------------|
| MW-4 |
| Benzene U(0.0005) |
| GRO U(0.05) |
| DRO U(0.403) |
| GW Elev. NM |

MW-10 (DECOMMISSIONED)

MW-9 (DECOMMISSIONED)

- NOTES:
- RESULTS SHOWN ARE FOR WELLS SAMPLED ON FEBRUARY 10, 2012.
 - RESULTS ARE IN MILLIGRAMS PER LITER
 - BOLD/ RED TEXT INDICATES CONTAMINANT CONCENTRATIONS ABOVE CLEANUP LEVELS FOR THIS SITE

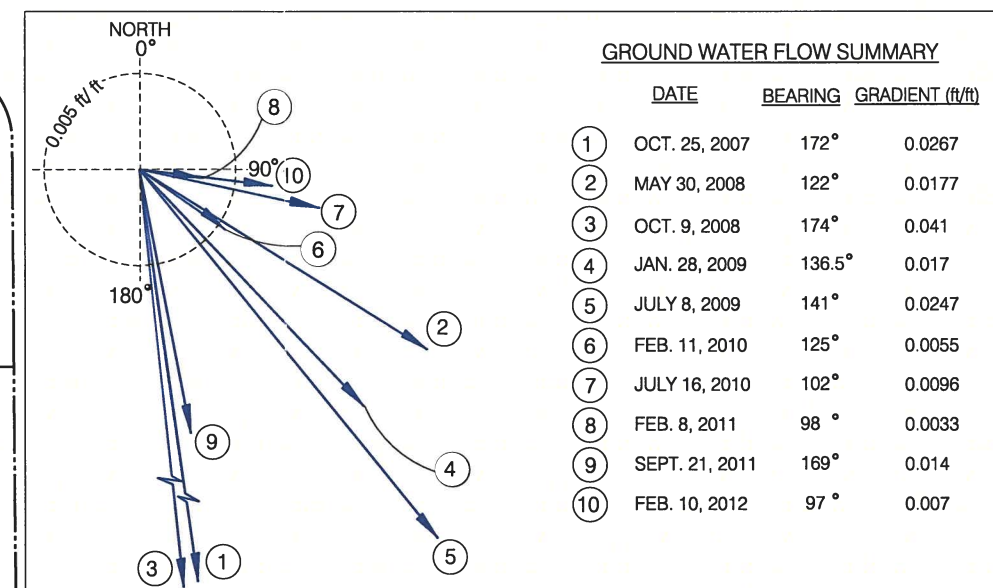
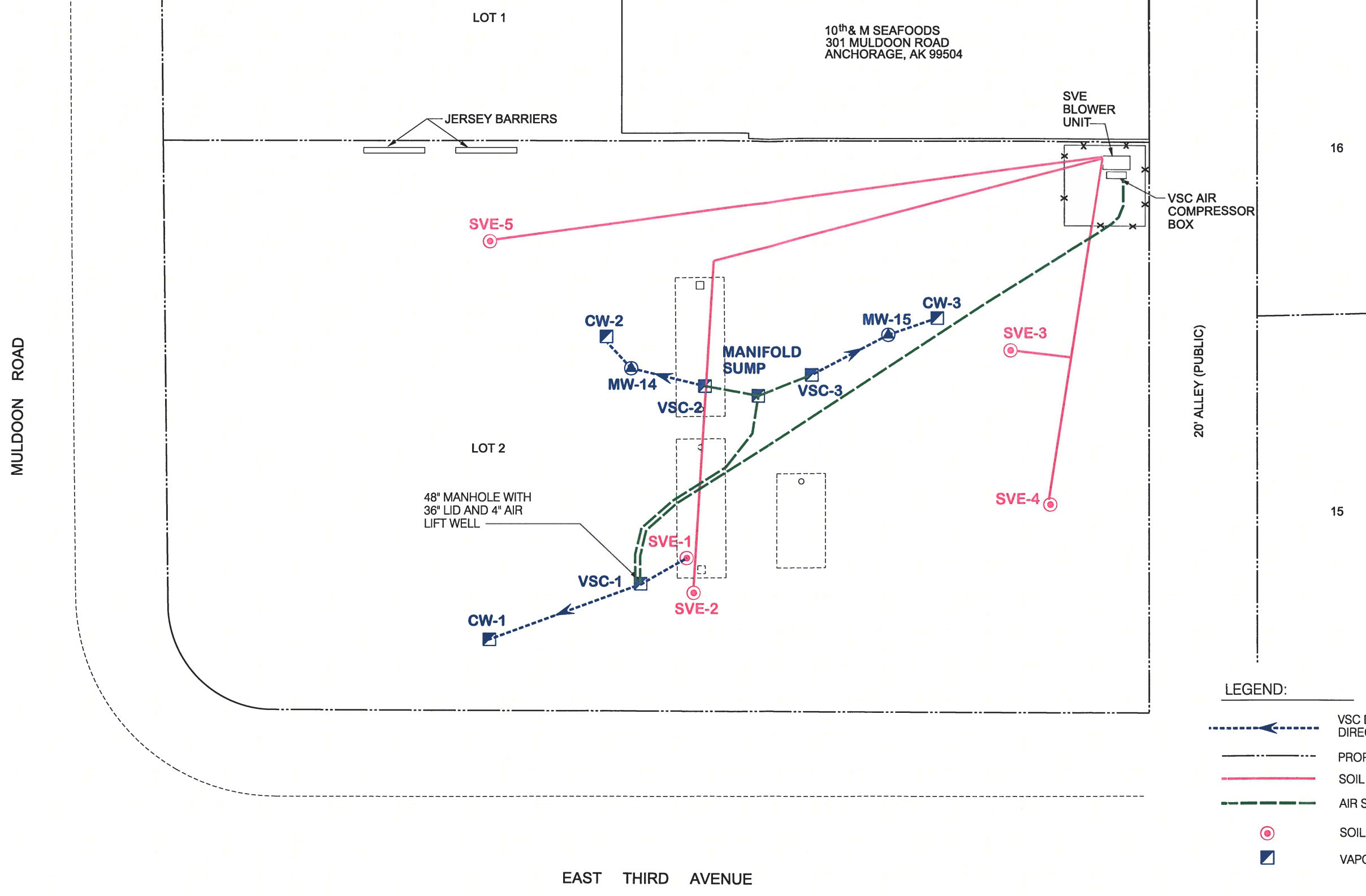
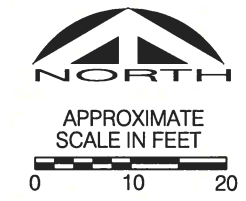


FIGURE 2
 TESORO COMPANY - FORMER TESORO NORTHSTORE #11
 FEBRUARY 2012 - MONITORING EVENT REPORT
SITE PLAN WITH GROUND WATER ANALYTICAL RESULTS



FILE: D:\CAD\Proj\Tesoro\NorthStore\11\MonEvent\February 2012\FINAL\FIG03.dgn
 TIME: 21-FEB-2012 11:33
 JOB NO. 1012426.010102



- LEGEND:**
- VSC DISCHARGE LINE WITH DIRECTION OF FLOW
 - PROPERTY LINE
 - SOIL VAPOR EXTRACTION LINE
 - AIR SUPPLY LINE
 - SOIL VAPOR EXTRACTION WELL
 - VAPOR STRIPPING AND CIRCULATION WELL

FIGURE 3
 TESORO COMPANY - FORMER TESORO NORTHSTORE #11
 FEBRUARY 2012 - MONITORING EVENT REPORT
REMEDIATION SYSTEM LAYOUT



Figure 4
Graphs of Contamination Concentrations and Ground Water Elevations

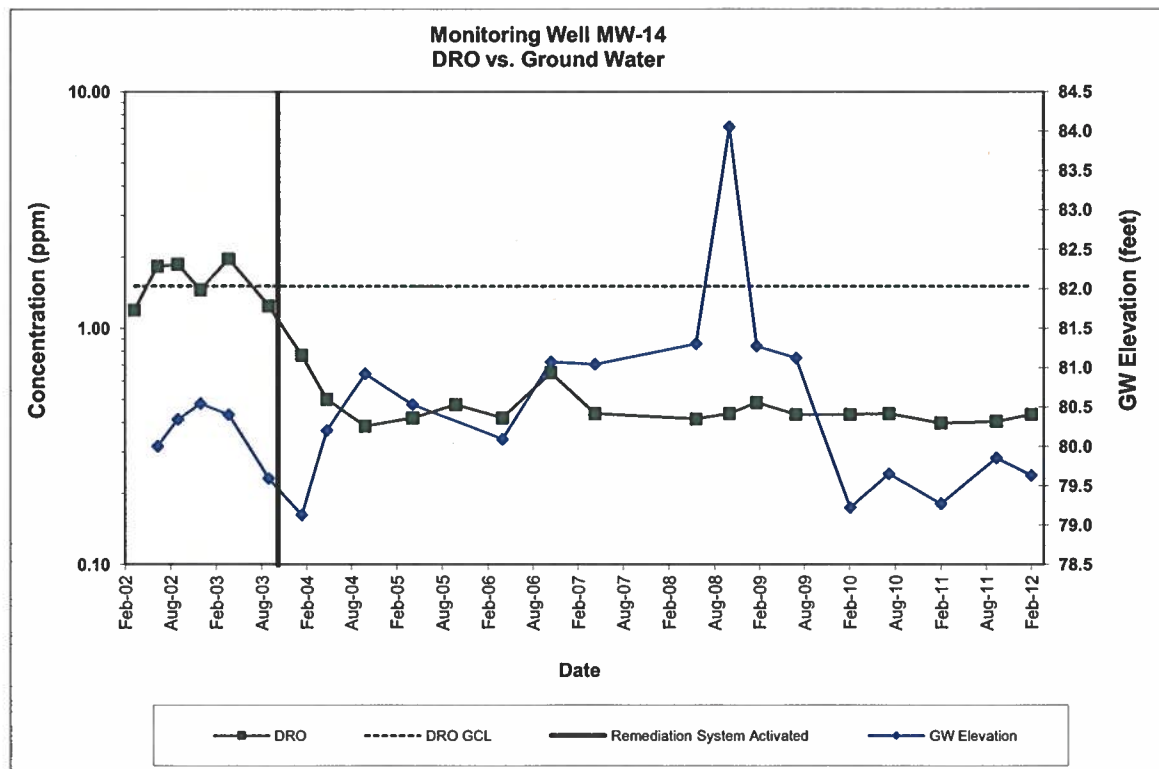
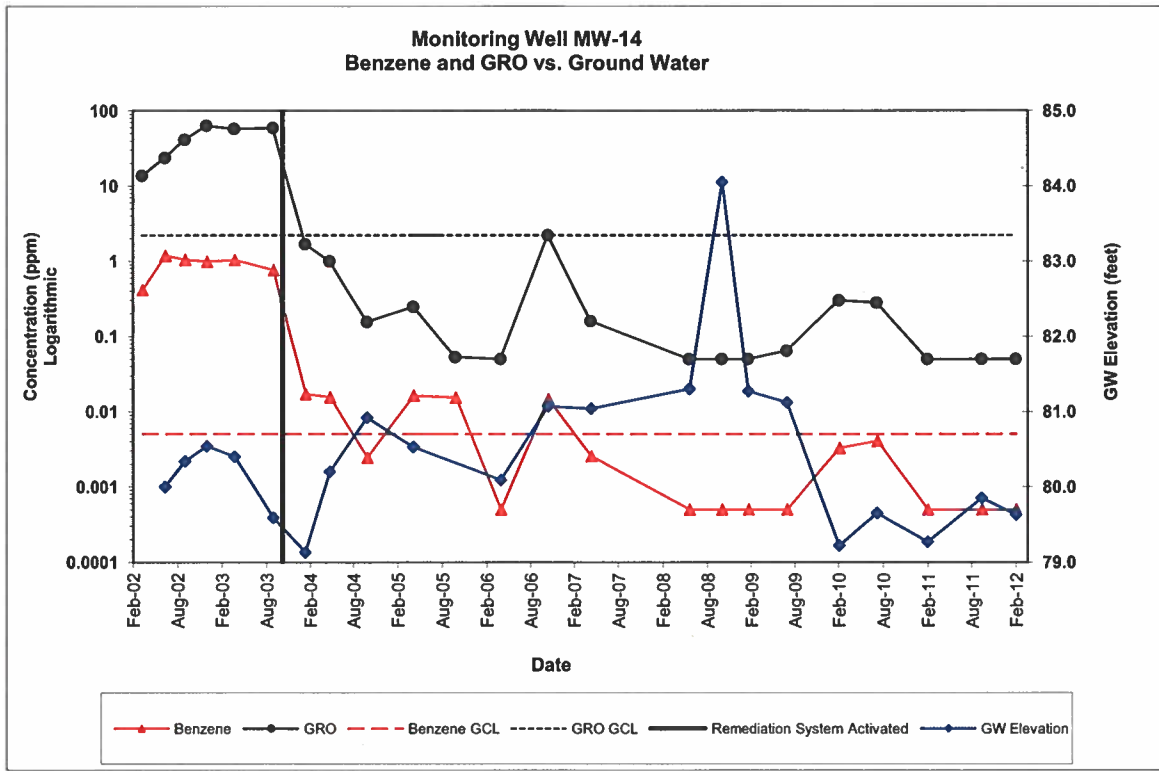
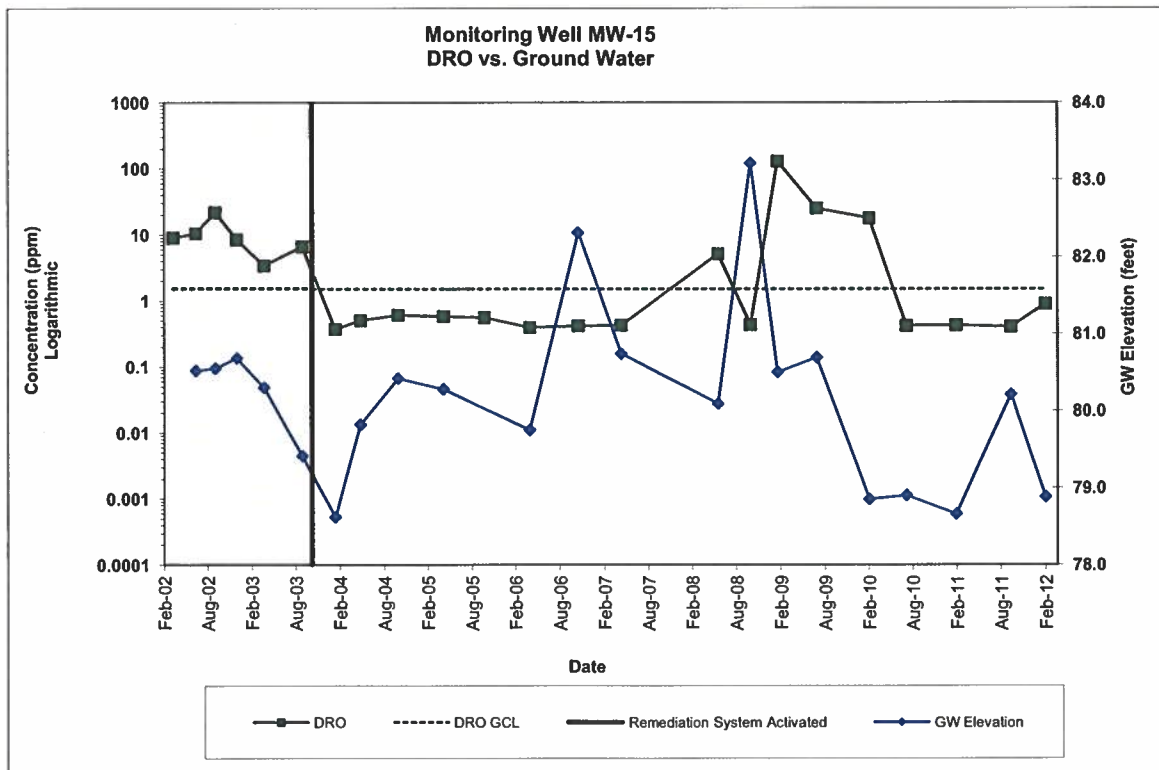
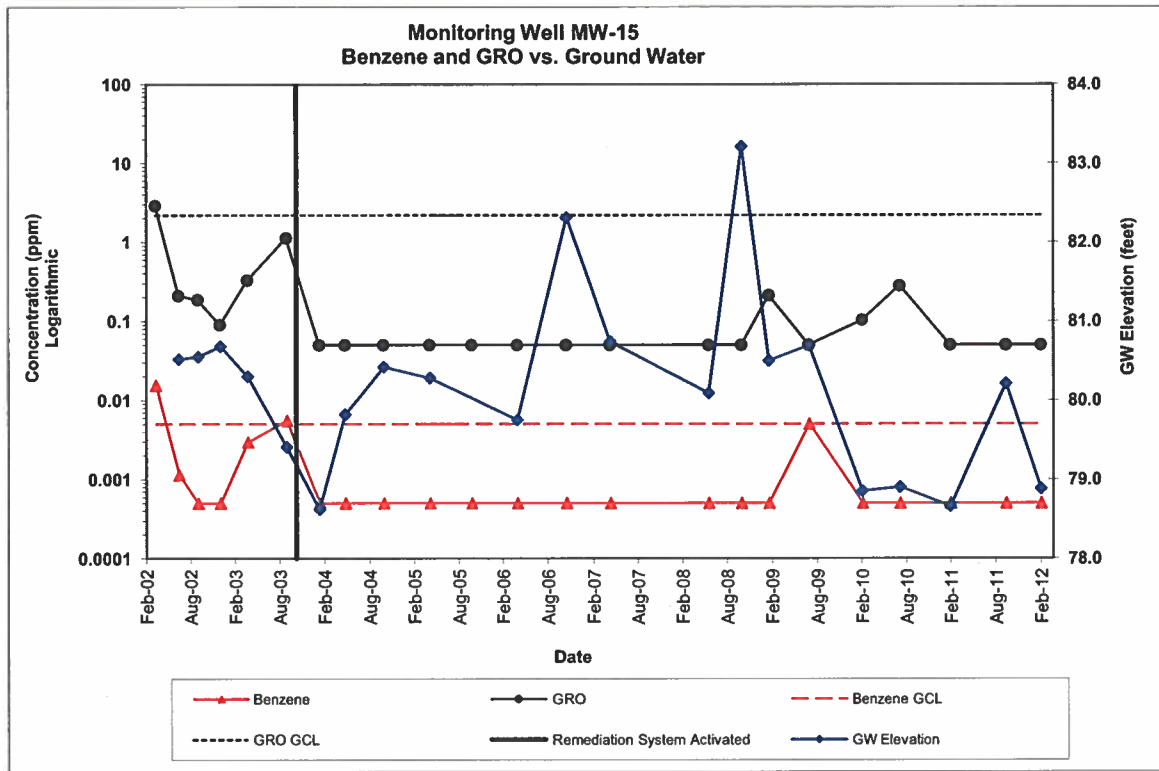


Figure 4
Graphs of Contamination Concentrations and Ground Water Elevations



APPENDIX A

*Field Measurements, Notes, and Hydraulic
Gradient Plot*



MWH

**APPENDIX A
Field Measurements and Notes**

Project: Former Tesoro Northstore #11 Date: February 10, 2012
 Project number: 1012426.010102 Samplers: Larson/Neuman

| Well ID | Volume Purged (gallons) | Sheen/Odor | Temp. (°C) | pH | Dissolved Oxygen (mg/L) | ORP (mV) | Specific Conductance (us/cm) | Top of Casing (feet)** | Depth to Ground Water (feet) | Ground Water Elevation (feet) |
|---------|-------------------------|------------|------------|------|-------------------------|----------|------------------------------|------------------------|------------------------------|-------------------------------|
| MW-3 | 14.5 | N/Y | 6.2 | 6.96 | 3.57 | -6.9 | 158.1 | 98.09 | 18.91 | 79.18 |
| MW-4 | 14.5 | N/N | 6.3 | 6.75 | 0.47 | 5.0 | 135.8 | NM | 19.11 | NC |
| MW-5 | 14.5 | N/N | 6.5 | 6.93 | 2.65 | -4.8 | 138.3 | NM | 18.85 | NC |
| MW-6 | 14.5 | N/N | 5.7 | 7.08 | 1.20 | -13.6 | 148.5 | NM | 18.96 | NC |
| MW-8 | 13.5 | N/N | 7.2 | 6.59 | 2.40 | 15.7 | 167.4 | 98.19 | 18.93 | 79.26 |
| MW-14 | 2.0 | N/N | 6.4 | 7.37 | 0.39 | -30.8 | 210.2 | 99.50 | 19.87 | 79.63 |
| MW-15 | 2.5 | N/N | 6.6 | 7.45 | 0.40 | -35.0 | 220.2 | 99.38 | 20.50 | 78.88 |
| MW-16 | 5.0 | N/N | 7.0 | 6.68 | 1.13 | 8.1 | 204.3 | 99.26 | 19.20 | 80.06 |
| MW-17 | 4.5 | N/Y | 7.2 | 6.80 | 0.25 | 1.0 | 198.6 | 98.35 | 19.02 | 79.33 |

NC - Not Calculated
 NM - Not Measured
 NP - No Purge
 NT - Not Tested

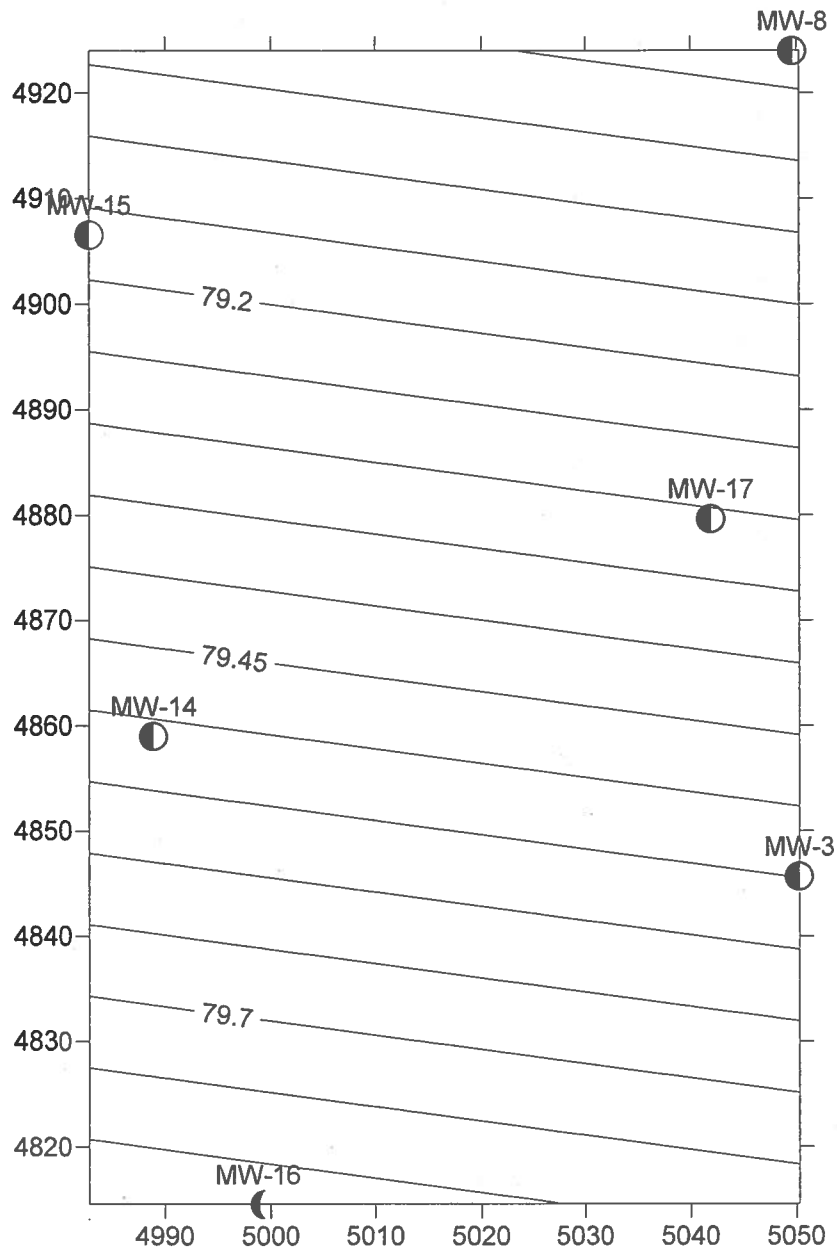
** Based on a vertical control survey of June 9, 2009, using an arbitrary datum

| NOTES: | Comments | WELL Dia. | SAMPLE TIME |
|------------|--------------------------------|-----------|-------------|
| MW-3 | slight septic odor | 4" | 1320 |
| MW-4 | semi-clear | 4" | 1540 |
| MW-5 | clear | 4" | 1610 |
| MW-6 | black flecks | 4" | 1650 |
| MW-8 | light brown | 4" | 1200 |
| MW-14 | brown flecks | 2" | 1740 |
| MW-15 | dark gray | 2" | 1815 |
| MW-16 | clear | 2" | 1340 |
| MW-17 | turbid, dark gray, septic odor | 2" | 1215 |
| TNS 11 Dup | duplicate of MW-15 | 2" | 1830 |

| Instruments / methods used for above measurements: | Model |
|--|---------|
| Static water level | Heron |
| Conductivity | YSI |
| Dissolved Oxygen | YSI |
| Oxygen-Reduction Potential | Beckman |
| pH | Beckman |
| Temperature | YSI |

| Lab Analytical Methods | |
|------------------------|--------------|
| ALL | BTEX (8021B) |
| ALL | GRO (AK101) |
| ALL | DRO (AK102) |

Former TNS 11 Polynomial Regression February 2012



APPENDIX B

Tables of Historical Monitoring Data



MWH

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-1

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------------|---------------------------|--------------------------------|---------------------------|-----------------------|-----------------------|---------------------------|
| 06-Jun-97 | U | U | U | U | U | U | 77.17 |
| 05-Nov-97 | U | U | U | U | U | NT | 79.25 |
| 08-Jun-98 | U | U | U | U | U | 0.26 | 79.72 |
| 03-Sep-98 | U | U | U | U | U | NT | 80.31 |
| 08-Dec-98 | U | U | U | U | U | 0.21 | 79.72 |
| 26-Mar-99 | U | U | U | U | U | U | 79.09 |
| 29-Jun-99 | U | U | U | U | U | U | 77.64 |
| 07-Oct-99 | U | U | U | U | U | U | 79.67 |
| 27-Dec-99 | U | U | U | U | U | U | 79.72 |
| 24-Mar-00 | 0.03 | U | U | U | U | 0.11 | 79.34 |
| 30-Jun-00 | U | U | U | U | U | U | 80.32 |
| 27-Sep-00 | U | U | U | U | U | U | 80.57 |
| 27-Dec-00 | NT | NT | NT | NT | NT | NT | NM |
| 23-Mar-01 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jun-01 | U | U | U | U | U | U | NM |
| 05-Oct-01 | NT | NT | NT | NT | NT | NT | NM |
| 28-Dec-01 | NT | NT | NT | NT | NT | NT | NM |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NM |
| 24-Jun-02 | NT | NT | NT | NT | NT | NT | NM |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | NM |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | NT | NT | NT | NT | NT | NT | NM |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-2

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------------|---------------------------|--------------------------------|---------------------------|-----------------------|-----------------------|---------------------------|
| 06-Jun-97 | U | U | U | U | U | U | 78.18 |
| 05-Nov-97 | U | U | U | U | U | NT | 80.20 |
| 08-Jun-98 | U | U | U | U | U | 0.32 | 80.92 |
| 03-Sep-98 | U | U | U | U | U | NT | 80.97 |
| 08-Dec-98 | U | U | U | U | U | U | 81.34 |
| 26-Mar-99 | U | U | U | 0.0011 | U | U | 80.03 |
| 29-Jun-99 | U | U | U | U | U | U | 79.59 |
| 07-Oct-99 | U | U | U | U | U | U | 81.67 |
| 27-Dec-99 | U | U | U | U | U | U | 81.38 |
| 24-Mar-00 | NT | NT | NT | NT | NT | NT | NM |
| 30-Jun-00 | U | U | U | U | U | U | 81.67 |
| 27-Sep-00 | NT | NT | NT | NT | NT | NT | NM |
| 27-Dec-00 | U | U | U | U | U | U | 81.89 |
| 23-Mar-01 | U | U | U | U | U | U | 80.75 |
| 28-Jun-01 | U | U | U | U | U | U | 82.02 |
| 05-Oct-01 | U | U | U | U | U | U | 83.23 |
| 28-Dec-01 | NT | NT | NT | NT | NT | NT | NM |
| 21-Mar-02 | U | U | U | U | U | U | 81.07 |
| 24-Jun-02 | U | U | U | U | U | U | 82.69 |
| 12-Sep-02 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.5) | 83.07 |
| 11-Dec-02 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.5) | 84.04 |
| 03-Apr-03 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | 1.26 | 83.88 |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 03-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.5) | 81.22 |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-3

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 06-Jun-97 | 0.1 | 0.19 | 0.31 | 0.91 | 6.3 | 4.4 | 77.16 |
| 05-Nov-97 | 0.042 | 0.22 | 0.46 | 1.1 | 3.9 | NT | 79.24 |
| 08-Jun-98 | 0.0016 | 0.0024 | 0.011 | 0.021 | 0.9 | 1.3 | 79.90 |
| 03-Sep-98 | 0.0067 | 0.002 | 0.028 | 0.12 | 0.92 | NT | 80.31 |
| 08-Dec-98 | 0.0094 | 0.0022 | 0.06 | 0.082 | 0.9 | 0.53 | 79.59 |
| 26-Mar-99 | 0.0081 | 0.0016 | 0.041 | 0.049 | 0.5 | 0.36 | 79.28 |
| 29-Jun-99 | 0.018 | 0.0062 | 0.046 | 0.072 | 1.2 | 0.44 | 77.50 |
| 07-Oct-99 | 0.019 | 0.016 | 0.11 | 0.22 | 2.0 | 0.48 | 79.52 |
| 27-Dec-99 | 0.01 | 0.0015 | 0.061 | 0.084 | 0.7 | 0.27 | 79.40 |
| 24-Mar-00 | NT | NT | NT | NT | NT | NT | NM |
| 30-Jun-00 | 0.0045 | U | 0.033 | 0.034 | 0.62 | 0.32 | 80.06 |
| 27-Sep-00 | 0.0024 | U | 0.02 | 0.024 | 0.32 | 0.11 | 80.73 |
| 27-Dec-00 | 0.012 | 0.0016 | 0.065 | 0.036 | 0.88 | 0.36 | 79.86 |
| 23-Mar-01 | U | U | U | U | 0.110 | U | 79.86 |
| 28-Jun-01 | 0.002 | 0.005 | U | 0.007 | 0.625 | 0.581 | 79.97 |
| 05-Oct-01 | U | U | U | U | U | U | 80.22 |
| 28-Dec-01 | 0.002 | U | 0.0046 | U | 0.192 | U | 79.32 |
| 21-Mar-02 | U | U | U | U | U | U | 79.00 |
| 24-Jun-02 | 0.000613 | U | U | 0.00723 | 0.276 | U | 79.91 |
| 12-Sep-02 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.5) | 80.59 |
| 11-Dec-02 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.5) | 80.64 |
| 03-Apr-03 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | 0.314 | 80.30 |
| 10-Sep-03 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.001) | U (0.08) | U (0.32) | 79.54 |
| 22-Jan-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.37) | 78.82 |
| 03-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.5) | 80.14 |
| 07-Oct-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.458 | 80.38 |
| 14-Apr-05 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.385) | 80.27 |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | 80.61 |
| 10-Apr-06 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.403) | 79.76 |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.424) | 80.13 |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.4) | 80.28 |
| 09-Oct-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.442) | 81.05 |
| 28-Jan-09 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.41) | 80.32 |
| 08-Jul-09 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.05) | U (0.427) | 79.99 |
| 11-Feb-10 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.424) | 78.85 |
| 16-Jul-10 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.10) | U (0.424) | 79.24 |
| 08-Feb-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 78.94 |
| 21-Sep-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 79.20 |
| 10-Feb-12 | 0.00111 | 0.00164 | 0.0151 | 0.00627 | 0.373 | U (0.424) | 79.18 |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-4

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------------|---------------------------|--------------------------------|---------------------------|-----------------------|-----------------------|---------------------------|
| 08-Jun-98 | U | U | U | U | U | U | 79.69 |
| 03-Sep-98 | U | 0.0023 | U | 0.0015 | U | NT | 80.30 |
| 08-Dec-98 | U | U | U | U | U | U | 79.75 |
| 26-Mar-99 | U | U | U | 0.0014 | U | U | 78.90 |
| 29-Jun-99 | U | U | U | U | U | U | 77.64 |
| 07-Oct-99 | U | U | U | U | U | U | 79.66 |
| 27-Dec-99 | U | U | U | U | U | U | 79.71 |
| 24-Mar-00 | NT | NT | NT | NT | NT | NT | NM |
| 30-Jun-00 | U | U | U | U | U | U | 80.34 |
| 27-Sep-00 | NT | NT | NT | NT | NT | NT | NM |
| 27-Dec-00 | U | U | U | U | U | U | 79.86 |
| 23-Mar-01 | U | U | U | U | U | U | 79.70 |
| 28-Jun-01 | NT | NT | NT | NT | NT | NT | NM |
| 05-Oct-01 | U | U | U | U | U | U | 80.04 |
| 28-Dec-01 | NT | NT | NT | NT | NT | NT | NM |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NM |
| 24-Jun-02 | U | U | U | U | U | U | 79.88 |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | 80.14 |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.326) | 79.99 |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 03-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.5) | 79.74 |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.403) | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-5

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------------|---------------------------|--------------------------------|---------------------------|-----------------------|-----------------------|---------------------------|
| 08-Jun-98 | U | U | U | U | U | 0.63 | 79.71 |
| 03-Sep-98 | U | U | U | U | U | NT | 80.31 |
| 08-Dec-98 | U | U | U | U | U | U | 79.71 |
| 26-Mar-99 | U | U | U | 0.0011 | U | U | 78.92 |
| 29-Jun-99 | U | U | U | U | U | U | 77.64 |
| 07-Oct-99 | U | U | U | U | U | U | 79.67 |
| 27-Dec-99 | U | U | U | U | U | U | 79.73 |
| 24-Mar-00 | U | U | U | U | U | U | 79.31 |
| 30-Jun-00 | U | U | U | U | U | U | 80.34 |
| 27-Sep-00 | U | U | U | U | U | U | 80.54 |
| 27-Dec-00 | U | U | U | U | U | U | 79.86 |
| 23-Mar-01 | U | U | U | U | U | U | 79.48 |
| 28-Jun-01 | NT | NT | NT | NT | NT | NT | NM |
| 05-Oct-01 | U | U | U | U | U | U | 79.98 |
| 28-Dec-01 | U | U | U | U | U | U | 79.53 |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NM |
| 24-Jun-02 | U | U | U | U | U | U | 79.91 |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | 80.12 |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.319) | 80.00 |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 03-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.5) | 79.76 |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.446) | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-6

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 08-Jun-98 | 0.043 | 0.21 | 0.18 | 0.87 | 5 | 1.4 | 79.71 |
| 03-Sep-98 | 0.018 | 0.057 | 0.098 | 0.25 | 1.6 | NT | 80.30 |
| 08-Dec-98 | 0.0019 | U | 0.0053 | 0.0045 | U | U | 79.70 |
| 26-Mar-99 | U | U | U | 0.0011 | U | U | 79.11 |
| 29-Jun-99 | U | U | 0.0019 | U | U | U | 77.64 |
| 07-Oct-99 | 0.0045 | U | 0.018 | 0.0074 | 0.3 | 0.35 | 79.65 |
| 27-Dec-99 | 0.0023 | U | 0.0037 | U | U | 0.13 | 79.69 |
| 24-Mar-00 | NT | NT | NT | NT | NT | NT | NM |
| 30-Jun-00 | 0.0027 | 0.0015 | 0.0054 | 0.0094 | 0.17 | 0.15 | 80.32 |
| 27-Sep-00 | NT | NT | NT | NT | NT | NT | NM |
| 27-Dec-00 | U | U | 0.0071 | 0.015 | 0.14 | 0.17 | 79.83 |
| 23-Mar-01 | U | U | U | U | U | U | 79.47 |
| 28-Jun-01 | NT | NT | NT | NT | NT | NT | NM |
| 05-Oct-01 | 0.002 | U | U | 0.096 | 0.65 | U | 80.01 |
| 28-Dec-01 | 0.0015 | U | 0.00655 | U | 0.0906 | U | 79.46 |
| 21-Mar-02 | U | U | U | U | U | U | 79.17 |
| 24-Jun-02 | U | U | U | U | U | U | 79.88 |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | 80.14 |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 03-Apr-03 | U (0.0005) | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.3) | 79.99 |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 03-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.5) | 79.72 |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.424) | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-7

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 08-Jun-98 | 0.018 | U | U | U | U | U | 79.70 |
| 03-Sep-98 | 0.17 | U | 0.0081 | U | 0.49 | NT | 80.27 |
| 08-Dec-98 | 0.2 | U | 0.044 | U | U | 0.23 | 79.70 |
| 26-Mar-99 | 0.029 | U | 0.027 | U | 0.18 | 0.18 | 79.07 |
| 29-Jun-99 | 0.072 | 0.0063 | 0.081 | 0.031 | 0.57 | U | 77.61 |
| 07-Oct-99 | 0.064 | U | 0.081 | 0.0027 | 0.48 | 0.24 | 79.60 |
| 27-Dec-99 | NT | NT | NT | NT | NT | NT | NM |
| 24-Mar-00 | NT | NT | NT | NT | NT | NT | NM |
| 30-Jun-00 | 0.076 | 0.017 | 0.25 | U | 3.0 | 0.31 | 80.24 |
| 27-Sep-00 | NT | NT | NT | NT | NT | NT | NM |
| 27-Dec-00 | 0.012 | U | 0.17 | U | 0.66 | 0.24 | 79.80 |
| 23-Mar-01 | 0.006 | 0.001 | 0.098 | U | 1.2 | 0.46 | NM |
| 28-Jun-01 | 0.000275 | U | 0.0523 | U | 0.406 | 0.519 | 79.53 |
| 05-Oct-01 | 0.002 | U | 0.049 | U | 0.27 | 0.578 | 80.01 |
| 28-Dec-01 | 0.00123 | U | 0.00922 | U | U | U | 79.44 |
| 21-Mar-02 | 0.00247 | U | 0.0130 | U | 0.134 | 0.551 | 79.12 |
| 24-Jun-02 | 0.0209 | 0.00386 | 0.0223 | 0.00788 | 0.153 | 0.550 | 79.86 |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | NM |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | 0.0294 | U (0.002) | 0.105 | U (0.002) | 0.47 | 1.18 | 79.94 |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-8

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 08-Jun-98 | 0.37 | 3.3 | 1.1 | 4.5 | 27 | 2.6 | 79.71 |
| 03-Sep-98 | 0.2 | 1.1 | 0.53 | 3.2 | 16 | NT | 80.30 |
| 08-Dec-98 | 0.021 | 0.032 | 0.063 | 0.19 | 1.4 | 0.21 | 79.69 |
| 26-Mar-99 | 0.0064 | 0.0044 | 0.022 | 0.041 | 0.38 | U | 79.13 |
| 29-Jun-99 | 0.012 | 0.011 | 0.029 | 0.068 | 0.74 | 0.3 | 77.63 |
| 07-Oct-99 | U | U | U | U | U | 2.1 | 79.67 |
| 27-Dec-99 | 0.017 | 0.0073 | 0.06 | 0.081 | 1.2 | 0.66 | 79.70 |
| 24-Mar-00 | NT | NT | NT | NT | NT | NT | NM |
| 30-Jun-00 | 0.0025 | U | 0.0063 | 0.0082 | 0.32 | 1.2 | 80.30 |
| 27-Sep-00 | 0.0044 | 0.0051 | 0.012 | 0.023 | 0.31 | 0.24 | 80.58 |
| 27-Dec-00 | 0.083 | 0.042 | 0.2 | 0.31 | 1.9 | 0.74 | 79.85 |
| 23-Mar-01 | 0.038 | 0.010 | 0.100 | 0.200 | 2.5 | 0.98 | 79.53 |
| 28-Jun-01 | U | U | U | U | U | 1.19 | 79.59 |
| 05-Oct-01 | U | U | U | U | U | 0.526 | 80.00 |
| 28-Dec-01 | 0.00399 | U | 0.0166 | 0.03292 | 0.215 | U | 79.51 |
| 21-Mar-02 | U | U | U | U | U | U | 79.19 |
| 24-Jun-02 | 0.00682 | U | 0.150 | 0.0535 | 0.452 | 0.852 | 79.92 |
| 12-Sep-02 | 0.061 | U (0.02) | 0.204 | 0.2868 | 2.82 | 1.14 | 79.92 |
| 11-Dec-02 | 0.0358 | 0.00346 | 0.0272 | 0.0531 | 1.15 | U (0.515) | 80.25 |
| 03-Apr-03 | 0.0392 | 0.00826 | 0.148 | 0.0981 | 1.63 | 0.525 | 80.01 |
| 10-Sep-03 | U (0.0005) | U (0.0005) | 0.000603 | U (0.001) | U (0.08) | U (0.32) | 79.26 |
| 22-Jan-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.37) | 78.54 |
| 03-May-04 | 0.000628 | 0.00409 | 0.00104 | 0.146 | 0.4 | U (0.5) | 79.78 |
| 07-Oct-04 | U (0.0005) | U (0.0005) | U (0.0005) | 0.00342 | 0.101 | U (0.4) | 80.34 |
| 14-Apr-05 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.385) | 80.22 |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | 80.63 |
| 10-Apr-06 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 79.72 |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | 80.67 |
| 20-Apr-07 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.417) | 80.45 |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.407) | 80.53 |
| 09-Oct-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.435) | 81.11 |
| 28-Jan-09 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.515 | 80.45 |
| 08-Jul-09 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.05) | U (0.427) | 79.86 |
| 11-Feb-10 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.431) | 78.85 |
| 16-Jul-10 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.10) | U (0.407) | 79.23 |
| 08-Feb-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 78.94 |
| 21-Sep-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 79.28 |
| 10-Feb-12 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 79.26 |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-9

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------|----------------|---------------------|----------------|------------|------------|----------------|
| 16-Jul-99 | U | U | U | U | U | U | 78.27 |
| 07-Oct-99 | U | U | U | U | U | U | 79.70 |
| 27-Dec-99 | NT | NT | NT | NT | NT | NT | NM |
| 24-Mar-00 | U | U | U | U | U | U | 79.39 |
| 30-Jun-00 | U | U | U | U | U | U | 80.37 |
| 27-Sep-00 | U | U | U | U | U | U | 80.54 |
| 27-Dec-00 | U | U | U | U | U | U | 79.83 |
| 23-Mar-01 | U | U | U | U | U | U | 79.49 |
| 28-Jun-01 | NT | NT | NT | NT | NT | NT | NM |
| 05-Oct-01 | U | U | U | U | U | U | 80.00 |
| 28-Dec-01 | NT | NT | NT | NT | NT | NT | NM |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NM |
| 24-Jun-02 | U | U | U | U | U | U | 79.88 |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | NM |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | NT | NT | NT | NT | NT | NT | NM |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 13-Oct-05 | Well Decommissioned | | | | | | |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

Monitoring Well MW-10

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------|----------------|---------------------|----------------|------------|------------|----------------|
| 16-Jul-99 | U | U | U | U | U | U | 78.26 |
| 07-Oct-99 | U | U | U | U | U | U | 78.65 |
| 27-Dec-99 | U | U | U | U | U | U | 79.71 |
| 24-Mar-00 | NT | NT | NT | NT | NT | NT | NM |
| 30-Jun-00 | U | U | U | U | U | U | 80.33 |
| 27-Sep-00 | U | U | U | U | U | U | 81.65 |
| 27-Dec-00 | U | U | U | U | U | U | 79.77 |
| 23-Mar-01 | U | U | U | U | U | U | 79.45 |
| 28-Jun-01 | NT | NT | NT | NT | NT | NT | NM |
| 05-Oct-01 | U | U | U | U | U | U | 80.00 |
| 28-Dec-01 | NT | NT | NT | NT | NT | NT | NM |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NM |
| 24-Jun-02 | U | U | U | U | U | U | 79.90 |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | NM |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | NT | NT | NT | NT | NT | NT | NM |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 13-Oct-05 | Well Decommissioned | | | | | | |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-11

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 16-Jul-99 | 0.075 | U | 0.47 | 1 | 5.9 | 33 | 78.30 |
| 07-Oct-99 | 0.0058 | 0.0038 | 0.041 | 0.083 | 1.7 | 32 | 79.71 |
| 27-Dec-99 | 0.0023 | 0.0042 | 0.053 | 0.11 | 2.3 | 42 | 79.76 |
| 24-Mar-00 | 0.023 | 0.0051 | 0.2 | 0.34 | 2.7 | 15 | 79.36 |
| 30-Jun-00 | 0.0022 | U | 0.044 | 0.038 | 0.82 | 1.1 | 80.40 |
| 27-Sep-00 | NT | NT | NT | NT | NT | NT | NM |
| 27-Dec-00 | Well Destroyed | | | | | | |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

Monitoring Well MW-12

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------|----------------|---------------------|----------------|------------|------------|----------------|
| 27-Sep-00 | U | U | U | U | U | 0.15 | 82.01 |
| 27-Dec-00 | U | U | U | U | U | U | 81.71 |
| 23-Mar-01 | U | U | U | U | U | U | 81.82 |
| 28-Jun-01 | NT | NT | NT | NT | NT | NT | NM |
| 05-Oct-01 | U | U | U | U | U | U | 82.53 |
| 28-Dec-01 | NT | NT | NT | NT | NT | NT | NM |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NM |
| 24-Jun-02 | U | U | U | U | U | U | 82.22 |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | NM |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | NT | NT | NT | NT | NT | NT | NM |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 13-Oct-05 | Well Decommissioned | | | | | | |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-13

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|---------------------|----------------|---------------------|----------------|------------|------------|----------------|
| 20-Nov-00 | U | U | U | U | U | U | 84.76 |
| 27-Dec-00 | U | U | U | U | U | U | 80.06 |
| 23-Mar-01 | NT | NT | NT | NT | NT | NT | NT |
| 28-Jun-01 | U | U | U | U | U | U | 79.83 |
| 05-Oct-01 | U | U | U | U | U | U | NA |
| 28-Dec-01 | NT | NT | NT | NT | NT | NT | NT |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NT |
| 24-Jun-02 | U | U | U | U | U | U | NT |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | NM |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | NT | NT | NT | NT | NT | NT | NM |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 13-Oct-05 | Well Decommissioned | | | | | | |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

Monitoring Well MW-14

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 21-Mar-02 | 0.415 | 1.360 | 0.944 | 3.311 | 13.7 | 1.190 | NT |
| 24-Jun-02 | 1.180 | 5.090 | 1.720 | 6.230 | 23.7 | 1.82 | 80.00 |
| 12-Sep-02 | 1.04 | 6.27 | 2.25 | 7.95 | 41.3 | 1.86 | 80.34 |
| 11-Dec-02 | 0.982 | 7.57 | 2.69 | 10.54 | 63.6 | 1.45 | 80.54 |
| 03-Apr-03 | 1.03 | 9.17 | 2.88 | 9.97 | 57.8 | 1.96 | 80.40 |
| 10-Sep-03 | 0.758 | 5.36 | 2.28 | 9.39 | 59.4 | 1.24 | 79.59 |
| 22-Jan-04 | 0.0171 | 0.0161 | 0.0894 | 0.305 | 1.68 | 0.768 | 79.13 |
| 04-May-04 | 0.0155 | 0.0146 | 0.0516 | 0.237 | 0.998 | U (0.5) | 80.38 |
| 07-Oct-04 | 0.00245 | 0.00112 | 0.014 | 0.0373 | 0.156 | U (0.385) | 80.92 |
| 14-Apr-05 | 0.0163 | U (0.0005) | U (0.0005) | 0.0488 | 0.247 | U (0.417) | 80.58 |
| 04-Oct-05 | 0.0153 | U (0.0005) | U (0.0005) | U (0.0015) | 0.0531 | 0.475 | NM |
| 10-Apr-06 | U (0.0005) | U (0.0005) | 0.00245 | U (0.0015) | U (0.05) | U (0.417) | 80.09 |
| 24-Oct-06 | 0.0146 | 0.00776 | 0.255 | 0.325 | 2.21 | 0.648 | 81.07 |
| 20-Apr-07 | 0.00256 | U (0.0005) | 0.0282 | 0.0155 | 0.16 | U (0.435) | 81.04 |
| 25-Oct-07 | 0.0196 | U (0.005) | 0.288 | 0.06 | 1.45 | U (0.439) | 81.22 |
| 28-May-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.413) | 81.30 |
| 09-Oct-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.45) | 84.05 |
| 28-Jan-09 | U (0.0005) | U (0.0005) | 0.00948 | U (0.0015) | U (0.05) | U (0.485) | 81.27 |
| 08-Jul-09 | U (0.0005) | U (0.001) | 0.00763 | 0.00948 | 0.0642 | U (0.431) | 81.12 |
| 11-Feb-10 | 0.00329 | 0.00109 | 0.0312 | 0.00863 | 0.301 | U (0.431) | 79.22 |
| 16-Jul-10 | 0.00406 | U (0.001) | 0.0446 | 0.0157 | 0.281 | U (0.435) | 79.65 |
| 08-Feb-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 79.27 |
| 21-Sep-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.403) | 79.85 |
| 10-Feb-12 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.431) | 79.63 |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-15

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 21-Mar-02 | 0.0155 | 0.162 | 0.229 | 0.851 | 2.9 | 8.92 | NM |
| 24-Jun-02 | 0.00114 | U | 0.00984 | 0.290 | 0.210 | 10.4 | 80.52 |
| 12-Sep-02 | U (0.0005) | U (0.002) | 0.0107 | 0.02802 | 0.187 | 21.6 | 80.55 |
| 11-Dec-02 | U (0.0005) | U (0.002) | 0.00311 | 0.00643 | U (0.09) | 8.38 | 80.68 |
| 03-Apr-03 | 0.00296 | U (0.002) | 0.0391 | 0.029 | 0.329 | 3.38 | 80.30 |
| 10-Sep-03 | 0.00555 | 0.00969 | 0.0436 | 0.0705 | 1.13 | 6.53 | 79.41 |
| 22-Jan-04 | U (0.0005) | U (0.0005) | 0.00078 | 0.0051 | U (0.05) | U (0.37) | 78.62 |
| 04-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.5) | 79.87 |
| 07-Oct-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.604 | 80.42 |
| 14-Apr-05 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.579 | 80.28 |
| 04-Oct-05 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.554 | NM |
| 10-Apr-06 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.391) | 79.75 |
| 24-Oct-06 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.413) | 82.31 |
| 20-Apr-07 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.424) | 80.74 |
| 25-Oct-07 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.427) | 81.20 |
| 28-May-08 | U (0.0005) | U (0.0005) | 0.00064 | 0.00412 | 0.0849 | 5.08 | 80.09 |
| 09-Oct-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.462 | 83.21 |
| 28-Jan-09 | U (0.0005) | U (0.0005) | 0.00062 | 0.0089 | 0.212 | 128 | 80.50 |
| 20-Feb-09 | NT | NT | NT | NT | NT | 36.7 | NM |
| 08-Jul-09 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.05) | 25.0 | 80.69 |
| 11-Feb-10 | U (0.0005) | U (0.0005) | U (0.0005) | 0.00246 | 0.103 | 17.7 | 78.85 |
| 16-Jul-10 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.10) | U (0.427) | 78.90 |
| 08-Feb-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.425 | 78.66 |
| 21-Sep-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.403) | 80.21 |
| 10-Feb-12 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.890 | 78.88 |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

Monitoring Well MW-16

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 21-Mar-02 | 0.0187 | 0.234 | 0.886 | 0.272 | 2.58 | 1.6 | NM |
| 24-Jun-02 | 0.0162 | 0.003 | 0.052 | 0.121 | 2.82 | 2.01 | 81.40 |
| 12-Sep-02 | 0.0206 | 0.007 | 0.00785 | 0.03006 | 0.743 | 1.04 | 81.99 |
| 11-Dec-02 | 0.000966 | U (0.002) | U (0.002) | U (0.002) | U (0.09) | U (0.495) | 82.18 |
| 03-Apr-03 | 0.00235 | U (0.002) | 0.00384 | 0.00518 | 0.244 | 0.488 | 81.82 |
| 10-Sep-03 | 0.00188 | U (0.0005) | 0.0101 | 0.00574 | 0.39 | 0.863 | 80.43 |
| 22-Jan-04 | 0.000881 | 0.000549 | 0.00203 | 0.0122 | 0.0505 | 0.465 | 79.58 |
| 04-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.5) | 81.19 |
| 07-Oct-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.385) | 82.53 |
| 14-Apr-05 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.416 | 81.95 |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | 82.50 |
| 10-Apr-06 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.403) | 82.22 |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.442) | 82.89 |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.403) | 82.57 |
| 09-Oct-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.424) | 83.19 |
| 28-Jan-09 | U (0.0005) | U (0.0005) | 0.00207 | 0.0103 | 0.348 | 0.483 | 82.21 |
| 08-Jul-09 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.05) | U (0.413) | 82.69 |
| 11-Feb-10 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.427) | 79.51 |
| 16-Jul-10 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.10) | U (0.424) | 80.32 |
| 08-Feb-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.391) | 79.53 |
| 21-Sep-11 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.397) | 80.43 |
| 10-Feb-12 | U (0.0005) | U (0.0005) | 0.00824 | 0.00376 | 0.0807 | U (0.417) | 80.06 |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-17

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 21-Mar-02 | 0.066 | 0.881 | 0.564 | 1.940 | 14.000 | 2.860 | NM |
| 24-Jun-02 | 0.017 | 0.026 | 0.092 | 0.195 | 2.810 | 1.04 | 79.93 |
| 12-Sep-02 | 0.0151 | 0.00651 | 0.0169 | 0.05924 | 0.707 | U (0.5) | 80.20 |
| 11-Dec-02 | 0.00176 | U (0.002) | 0.00812 | 0.01753 | 0.286 | U (0.5) | 80.31 |
| 03-Apr-03 | 0.00238 | U (0.002) | 0.00575 | 0.01979 | 0.325 | 0.764 | 80.06 |
| 10-Sep-03 | 0.0467 | 0.00614 | 0.247 | 0.319 | 6.24 | 1.21 | 79.26 |
| 22-Jan-04 | 0.088 | 0.113 | 0.509 | 1.07 | 11.6 | 2.76 | 78.54 |
| 04-May-04 | 0.000846 | 0.00715 | 0.0262 | 0.165 | 1.34 | U (0.5) | 79.85 |
| 07-Oct-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.4) | 80.42 |
| 14-Apr-05 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.385) | 80.26 |
| 04-Oct-05 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.573 | 80.76 |
| 10-Apr-06 | 0.000529 | 0.000664 | 0.00537 | 0.0273 | 0.444 | U (0.397) | 79.92 |
| 24-Oct-06 | U (0.0005) | U (0.0005) | 0.0018 | 0.00258 | 0.0594 | 0.457 | 80.74 |
| 20-Apr-07 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.427) | 80.53 |
| 25-Oct-07 | 0.00106 | U (0.0005) | 0.00696 | 0.00635 | 0.162 | U (0.435) | 79.73 |
| 28-May-08 | 0.00058 | 0.0005 | 0.00776 | 0.013 | 0.217 | U (0.41) | 80.11 |
| 09-Oct-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.427) | 80.74 |
| 28-Jan-09 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.443 | 79.97 |
| 08-Jul-09 | U (0.0005) | U (0.001) | U (0.001) | U (0.003) | U (0.05) | U (0.427) | 79.82 |
| 11-Feb-10 | dry | dry | dry | dry | dry | dry | dry |
| 16-Jul-10 | 0.00172 | U (0.001) | 0.0183 | 0.0122 | 0.28 | U (0.417) | 79.26 |
| 08-Feb-11 | 0.00568 | 0.00707 | 0.0699 | 0.0292 | 1.03 | 0.888 | 78.97 |
| 21-Sep-11 | dry | dry | dry | dry | dry | dry | dry |
| 10-Feb-12 | U (0.0005) | 0.00115 | 0.00842 | 0.0046 | 0.136 | U (0.424) | 79.33 |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well MW-VSC

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|-------------------|-------------------|------------------------|-------------------|---------------|---------------|-------------------|
| 23-Mar-01 | 0.011 | 0.011 | 0.05 | 0.093 | 1.5 | 0.68 | NM |
| 28-Jun-01 | U | U | U | U | U | U | NM |
| 05-Oct-01 | U | U | U | U | U | U | NM |
| 28-Dec-01 | U | U | 0.003 | U | U | U | NM |
| 21-Mar-02 | NT | NT | NT | NT | NT | NT | NM |
| 24-Jun-02 | U | U | U | U | U | U | NM |
| 12-Sep-02 | NT | NT | NT | NT | NT | NT | NM |
| 11-Dec-02 | NT | NT | NT | NT | NT | NT | NM |
| 04-Apr-03 | NT | NT | NT | NT | NT | NT | NM |
| 10-Sep-03 | NT | NT | NT | NT | NT | NT | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.857 | 82.39 |
| 07-Oct-04 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.394) | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 28-May-08 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well VSC-2

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 10-Sep-03 | 0.00586 | 0.00143 | 0.00324 | 0.0391 | 0.511 | U (0.32) | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

Monitoring Well VSC-3

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 10-Sep-03 | 0.131 | 0.0513 | 0.152 | 0.612 | 2.96 | 1.63 | NM |
| 22-Jan-04 | NT | NT | NT | NT | NT | NT | NM |
| 04-May-04 | NT | NT | NT | NT | NT | NT | NM |
| 07-Oct-04 | NT | NT | NT | NT | NT | NT | NM |
| 14-Apr-05 | NT | NT | NT | NT | NT | NT | NM |
| 04-Oct-05 | NT | NT | NT | NT | NT | NT | NM |
| 10-Apr-06 | NT | NT | NT | NT | NT | NT | NM |
| 24-Oct-06 | NT | NT | NT | NT | NT | NT | NM |
| 20-Apr-07 | NT | NT | NT | NT | NT | NT | NM |
| 25-Oct-07 | NT | NT | NT | NT | NT | NT | NM |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

**Appendix B
Tables of Historical Monitoring Data**

Monitoring Well CW-2

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 28-May-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | U (0.407) | 83.03 |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

Monitoring Well CW-3

| Date | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Xylenes (mg/L) | GRO (mg/L) | DRO (mg/L) | GW Elev (feet) |
|-------------|----------------|----------------|---------------------|----------------|------------|------------|----------------|
| 28-May-08 | U (0.0005) | U (0.0005) | U (0.0005) | U (0.0015) | U (0.05) | 0.405 | 80.26 |
| 09-Oct-08 | NT | NT | NT | NT | NT | NT | NM |
| 28-Jan-09 | NT | NT | NT | NT | NT | NT | NM |
| 08-Jul-09 | NT | NT | NT | NT | NT | NT | NM |
| 11-Feb-10 | NT | NT | NT | NT | NT | NT | NM |
| 16-Jul-10 | NT | NT | NT | NT | NT | NT | NM |
| 08-Feb-11 | NT | NT | NT | NT | NT | NT | NM |
| 21-Sep-11 | NT | NT | NT | NT | NT | NT | NM |
| 10-Feb-12 | NT | NT | NT | NT | NT | NT | NM |
| GCLs | 0.005 | 1 | 0.7 | 10 | 2.2 | 1.5 | NA |

Key:

- DRO - diesel range organics
- GCL - ground water cleanup levels
- GRO - gasoline range organics
- GW - ground water
- mg/L - milligrams per liter
- NA - not applicable
- NM - not measured
- NS - not sampled
- U - Undetected above practical quantitation limits.

Bold, shade indicates concentration exceeds the GCL.