

AP - 116

**STAGE 1 & 2  
REPORTS**

**DATE:**

1st Q - 2013



Animas Environmental Services, LLC

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AP-116

July 26, 2013

Glenn von Gonten  
Edward Hansen  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

**RE: 1<sup>st</sup> Quarter 2013 Remedial Progress Report  
Thriftway Refinery  
626 County Road 5500, Bloomfield, New Mexico**

Dear Mr. von Gonten and Mr. Hansen:

Animas Environmental Services, LLC (AES) has prepared this 1<sup>st</sup> Quarter 2013 Remedial Progress Report detailing remedial activities during the first quarter of 2013 on behalf of Thriftway Company (Thriftway) for the Thriftway Refinery, located at 626 County Road 5500, Bloomfield, San Juan County, New Mexico, in accordance with New Mexico Oil Conservation Division (NMOCD) and New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) regulations.

The 1<sup>st</sup> Quarter 2013 Remedial Progress Report details groundwater monitoring and gauging activities, multi-phase extraction (MPE) remediation system operations, and phytoremediation activities conducted at the site between January and March 2013. A General Site Plan is included as Figure 1.

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## 1.0 Groundwater Monitoring and Gauging

BioTech conducted groundwater monitoring and gauging of the monitor wells at the site on February 5, 6, 11, 13, 21, and 22, 2013. Based on the current sampling plan, monitoring and gauging events are scheduled during the first and third quarters of 2013, with groundwater sampling scheduled during the second and fourth quarters. The information below, taken from the Interim Groundwater Sampling Plan submitted to NMOCD on January 25, 2010, lists wells that were gauged during the February 2013 event.

**Year 4 Quarter #1 Monitor Well Gauging List**

| Well Name                                                                                                              | Gauging Only | Gauging and Sampling |
|------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|
| TW-1 through TW-22                                                                                                     | X            | *                    |
| TW-24 through TW-26                                                                                                    | X            | *                    |
| TW-28 through TW-47                                                                                                    | X            | *                    |
| TW-49 through TW-54                                                                                                    | X            | *                    |
| MW-5, MW-7, MW-20, MW-21                                                                                               | X            | *                    |
| * No analytical samples collected during quarterly gauging events in the first or third quarters of Years 2 through 4. |              |                      |

### 1.1 Measurement of Groundwater Elevations

Depth to groundwater in each of the selected wells was measured with an electronic water level indicator, which has an accuracy of 0.01 feet. Depth to groundwater measurements were recorded on Water Sample Collection Forms.

### 1.2 Measurement of Free Product

Each of the wells previously known to contain light non-aqueous phase liquid (LNAPL, or "free product") was measured with an electronic interface probe, and the depths to the top of product and the oil/water interface were recorded on a groundwater measurement form. Free product was measured in February 2013 in 18 wells, including TW-12, TW-13, TW-14, TW-19 through TW-22, TW-25, TW-26, TW-28, TW-29, TW-32, TW-33, TW-35, TW-36, TW-38, TW-40, and TW-44.

In monitor wells containing free product, corrected groundwater elevations ( $H_c$ ) were determined using the following formula:

$$H_c = H_m + (H_o * (\rho_o / \rho_w))$$

where:

$H_m$  is the measured elevation of the hydrocarbon-water interface (ft)

$H_o$  is the thickness of the hydrocarbon layer (ft)

$\rho_o$  is the hydrocarbon density of diesel, assumed to be 0.827 (g/ml) (API, 1986)

$\rho_w$  is the water density, assumed to be 1.0 (g/mL)

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## 2.0 Groundwater Monitoring Results

### 2.1 *Hydraulic Gradient Data*

#### 2.1.1 Hydraulic Gradient

Using surveyed top of casing (TOC) elevations and the recorded groundwater depths, AES determined specific groundwater elevations, relative to sea level, for each well measured. Groundwater elevations across the site in February 2013 ranged from 5,423.78 feet above mean sea level (AMSL) in MW-5 to 5,440.34 feet AMSL in TW-1. Groundwater elevations have increased across the site by an average of 0.17 feet since the last sampling event in November 2012. Groundwater gradient was calculated between TW-1 and MW-5 with a magnitude of 0.007 ft/ft to the northwest for February 2013. The groundwater flow direction has remained stable, in a northwesterly direction, and is consistent with historical site data.

Table 1 includes depth to groundwater measurements and final water table elevations. Groundwater elevation contours for February 2013 are included on Figure 2.

### 2.2 *Free Product*

Free product was measured in 18 monitor wells, and measured LNAPL thicknesses ranged from 0.03 feet (TW-40) to 1.89 feet (TW-20). Overall, free product thicknesses decreased in most of the wells by about 0.3 to 0.4 feet since the November 2012 sampling event. Free product thickness contours for February 2013 are presented in Figure 3, and Graph 1 presents free product thicknesses over time in the eastern portion of the product plume (TW-13, TW-14, TW-19, and TW-22, respectively).

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## 3.0 Measurement of Groundwater and Free Product in MPE Wells

BioTech personnel measured depth to groundwater in the MPE wells (Phases 1 through 5) on February 13, 21, and 22, 2013. Depth to water ranged from 8.92 feet below TOC in MPE-80 to 24.50 feet below TOC in MPE-26. During the February 2013 event, free product ranged from 0.01 feet in MPE-38 and MPE-72 up to 1.40 feet in MPE-26. Overall, free product thicknesses in MPE wells generally decreased approximately 0.4 to 0.5 feet in most wells from the November 2012 sampling event. MPE well data is included in Table 2.

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### 3.0 Installation and Sampling of Monitor Wells TW-53 and TW-54, January 2013

#### 3.1 *Installation of Monitor Well TW-53 and TW-54*

BioTech installed two off-site 2-inch diameter monitor wells (TW-53 and TW-54) on January 2, 2013. These wells were installed to delineate the extent of downgradient methyl tert-butyl ether (MTBE) contamination. TW-53 and TW-54 were installed with a hollow-stem auger drill rig by BioTech, and well completion depth was approximately 10 feet bgs in each well. The locations of TW-53 and TW-54 are included on Figure 1.

#### 3.2 *Development of Monitor Well TW-53 and TW-54*

The newly installed monitor wells were developed by BioTech personnel using a combination of bailing and a pneumatic well development pump in order to remove sand and fine sediments. Approximately 15 to 20 gallons were removed from each well. Groundwater pumped from the wells was placed in the two onsite lined ponds for evaporation. The monitor wells were developed in general accordance with the AES Well Installation and Development Standard Operating Procedure (SOP) and applicable ASTM standards.

#### 3.3 *Groundwater Sampling and Analytical Results, TW-53 and TW-54*

Following well development, BioTech completed groundwater monitoring and sampling within TW-53 and TW-54 on January 22 and 23, 2013. The newly installed wells were analyzed for the following:

- Benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tert-butyl ether (MTBE), and total naphthalene per USEPA Method 8260;
- Chloride and sulfate per USEPA Method 300.0; and
- Total dissolved solids (TDS) per Standard Method 2540C.

The samples were analyzed at Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico.

Laboratory analytical results showed:

- BTEX and total naphthalene concentrations below laboratory detection limits in TW-53 and TW-54.

- MTBE concentrations were reported at 16 µg/L (TW-53) and 19 µg/L (TW-54);
- Chloride concentrations were reported at 200 mg/L (TW-53) and 130 mg/L (TW-54);
- Sulfate concentrations were 3,300 mg/L (TW-53) and 2,600 mg/L (TW-54); and
- TDS concentrations were reported at 5,730 mg/L (TW-53) and 4,500 mg/L (TW-54).

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## 4.0 MPE Remediation System Operations

The MPE remediation system was initially brought online in March 2010 and consists of an RSI internal combustion engine (ICE) unit with two engines (Engine #1 and Engine #2) to extract soil vapors and free product from the MPE extractions wells.

Both Engine #1 and Engine #2 were shut-down between September 2010 and January 2011, when Engine #2 was re-installed at the site and operated until June 23, 2011, when the engine was taken off-line as part of pulsing of the remediation system. The MPE remediation system was brought back online on May 11, 2012, and operated until November 9, 2012, when it was taken off-line for the winter season.

Note that during the week of April 29, 2013, Engine #2 was re-installed and is currently operating within Phase 4 MPE wells. A full report will be included in the second quarter report. A total of approximately **22,466** lbs of petroleum hydrocarbons have been mechanically removed from the site since system startup on March 10, 2010.

### 4.1 Air Emissions Sampling

The site remained in pulse mode during the first quarter 2013, therefore, no air samples were collected during that reporting period.

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## 5.0 Phytoremediation Project

The irrigation system was not in operation from January through March 2013 due to winter weather conditions.

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## 6.0 Summary and Conclusions

BioTech Remediation completed groundwater monitoring and gauging at the site in February 2013. Groundwater elevations in February 2013 increased by an average of 0.17 feet since November 2012 and are consistent with historical seasonal fluctuations. The groundwater gradient was calculated to be approximately 0.007 ft/ft in a northwest direction across the site, which is also consistent with historical site data.

In February 2013, free product was observed and measured in 18 monitor wells, including TW-12, TW-13, TW-14, TW-19 through TW-22, TW-25, TW-26, TW-28, TW-29, TW-32, TW-33, TW-35, TW-36, TW-38, TW-40, and TW-44. Measured thicknesses ranged from 0.03 feet (TW-40) to 1.89 feet (TW-20). In February 2013, free product was also observed in 43 remediation wells, with the greatest thickness measured in MPE-26 (1.40 feet). Note that overall, measured free product thicknesses on both site monitor and remediation wells decreased by about 0.3 to 0.5 feet in most wells.

For MPE operations, Engine #2 was not in operation at the site during the first quarter of 2013 due to winter weather conditions and was re-installed at the site on April 3, 2013. Continuous operation began on April 22, 2013, once overnight lows remained above freezing. It is estimated that a total of **22,466** lbs of petroleum hydrocarbons have been mechanically removed from the site since system startup on March 10, 2010.

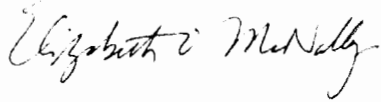
Site monitoring and sampling was conducted for the second quarter 2013 in May 2013, and a report is currently in progress.

If you have any questions regarding this report or scheduled site activities, please do not hesitate to contact me or Ross Kennemer at (505) 564-2281.

Sincerely,



Deborah Watson,  
Project Manager



Elizabeth McNally, P.E.  
New Mexico Registration #15799

Attachments:

Tables

- Table 1. Summary of Groundwater Measurements and Water Quality Data
- Table 2. Summary of Groundwater and Free Product Measurements for MPE Wells

Figures

- Figure 1. General Site Plan
- Figure 2. Groundwater Elevations, February 2013
- Figure 3. Free Product Thickness Contours, February 2013

Graphs

- Graph 1. Selected Wells with Free Product Over Time

Appendix      Hall Environmental Analysis Laboratory Report #1301720 and #1301797

cc:              Robert Moss  
                 Thriftway Company  
                 501 Airport Drive  
                 Farmington, NM 87401

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TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b>       | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| <b>Phase 1 Wells</b> |             |                             |                                      |                                    |                                    |
| MPE-1                | 03-Mar-10   | TBD                         |                                      | 23.63                              |                                    |
| MPE-1                | 10-May-10   | TBD                         |                                      | 23.46                              |                                    |
| MPE-1                | 17-Aug-10   | TBD                         |                                      | 23.65                              |                                    |
| MPE-1                | 11-Nov-10   | TBD                         |                                      | 23.82                              |                                    |
| MPE-1                | 25-Feb-11   | TBD                         |                                      | 23.63                              |                                    |
| MPE-1                | 20-May-11   | TBD                         |                                      | 23.63                              |                                    |
| MPE-1                | 25-Aug-11   | TBD                         |                                      | 24.01                              |                                    |
| MPE-1                | 10-Nov-11   | TBD                         |                                      | 24.04                              |                                    |
| MPE-1                | 29-Feb-12   | TBD                         |                                      | 23.87                              |                                    |
| MPE-1                | 25-May-12   | TBD                         |                                      | 23.78                              |                                    |
| MPE-1                | 13-Aug-12   | TBD                         |                                      | 24.15                              |                                    |
| MPE-1                | 19-Nov-12   | TBD                         |                                      | 24.24                              |                                    |
| MPE-1                | 13-Feb-13   | TBD                         |                                      | 24.06                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-2                | 03-Mar-10   | TBD                         | 21.51                                | 21.54                              | 0.03                               |
| MPE-2                | 18-May-10   | TBD                         |                                      | 21.29                              |                                    |
| MPE-2                | 17-Aug-10   | TBD                         | 21.61                                | 21.62                              | 0.01                               |
| MPE-2                | 11-Nov-10   | TBD                         | 21.69                                | 21.78                              | 0.09                               |
| MPE-2                | 25-Feb-11   | TBD                         |                                      | 21.61                              |                                    |
| MPE-2                | 20-May-11   | TBD                         |                                      | 21.46                              |                                    |
| MPE-2                | 25-Aug-11   | TBD                         |                                      | 21.91                              |                                    |
| MPE-2                | 10-Nov-11   | TBD                         | 21.94                                | 22.03                              | 0.09                               |
| MPE-2                | 29-Feb-12   | TBD                         | 21.77                                | 21.86                              | 0.09                               |
| MPE-2                | 25-May-12   | TBD                         | 21.65                                | 21.82                              | 0.17                               |
| MPE-2                | 13-Aug-12   | TBD                         | 22.00                                | 22.31                              | 0.31                               |
| MPE-2                | 19-Nov-12   | TBD                         | 22.09                                | 22.35                              | 0.26                               |
| MPE-2                | 13-Feb-13   | TBD                         | 21.90                                | 22.15                              | 0.25                               |
|                      |             |                             |                                      |                                    |                                    |
| MPE-3                | 03-Mar-10   | TBD                         |                                      | 20.79                              |                                    |
| MPE-3                | 10-May-10   | TBD                         |                                      | 20.63                              |                                    |
| MPE-3                | 17-Aug-10   | TBD                         |                                      | 20.83                              |                                    |
| MPE-3                | 11-Nov-10   | TBD                         |                                      | 21.01                              |                                    |
| MPE-3                | 25-Feb-11   | TBD                         |                                      | 20.89                              |                                    |
| MPE-3                | 20-May-11   | TBD                         |                                      | 20.81                              |                                    |
| MPE-3                | 25-Aug-11   | TBD                         |                                      | 21.22                              |                                    |
| MPE-3                | 10-Nov-11   | TBD                         |                                      | 21.23                              |                                    |
| MPE-3                | 29-Feb-12   | TBD                         |                                      | 21.03                              |                                    |
| MPE-3                | 25-May-12   | TBD                         |                                      | 20.97                              |                                    |

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| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-3          | 13-Aug-12   | TBD                         |                                      | 21.34                              |                                    |
| MPE-3          | 19-Nov-12   | TBD                         |                                      | 21.43                              |                                    |
| MPE-3          | 13-Feb-13   | TBD                         |                                      | 21.22                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-4          | 03-Mar-10   | TBD                         |                                      | 19.95                              |                                    |
| MPE-4          | 10-May-10   | TBD                         |                                      | 19.80                              |                                    |
| MPE-4          | 17-Aug-10   | TBD                         |                                      | 20.01                              |                                    |
| MPE-4          | 11-Nov-10   | TBD                         |                                      | 20.20                              |                                    |
| MPE-4          | 25-Feb-11   | TBD                         |                                      | 20.07                              |                                    |
| MPE-4          | 20-May-11   | TBD                         |                                      | 19.97                              |                                    |
| MPE-4          | 25-Aug-11   | TBD                         |                                      | 20.47                              |                                    |
| MPE-4          | 10-Nov-11   | TBD                         |                                      | 20.43                              |                                    |
| MPE-4          | 29-Feb-12   | TBD                         |                                      | 20.27                              |                                    |
| MPE-4          | 25-May-12   | TBD                         |                                      | 20.14                              |                                    |
| MPE-4          | 13-Aug-12   | TBD                         |                                      | 20.53                              |                                    |
| MPE-4          | 19-Nov-12   | TBD                         |                                      | 20.61                              |                                    |
| MPE-4          | 13-Feb-13   | TBD                         |                                      | 20.40                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-5          | 03-Mar-10   | TBD                         | 19.30                                | 19.41                              | 0.11                               |
| MPE-5          | 18-May-10   | TBD                         |                                      | 19.00                              |                                    |
| MPE-5          | 17-Aug-10   | TBD                         | 19.32                                | 19.50                              | 0.18                               |
| MPE-5          | 11-Nov-10   | TBD                         | 19.54                                | 19.69                              | 0.15                               |
| MPE-5          | 25-Feb-11   | TBD                         | 19.42                                | 19.45                              | 0.03                               |
| MPE-5          | 20-May-11   | TBD                         | 19.33                                | 19.34                              | 0.01                               |
| MPE-5          | 25-Aug-11   | TBD                         | 19.72                                | 19.92                              | 0.20                               |
| MPE-5          | 10-Nov-11   | TBD                         | 19.74                                | 19.92                              | 0.18                               |
| MPE-5          | 29-Feb-12   | TBD                         | 19.59                                | 19.64                              | 0.05                               |
| MPE-5          | 25-May-12   | TBD                         | 19.47                                | 19.63                              | 0.16                               |
| MPE-5          | 13-Aug-12   | TBD                         | 19.79                                | 20.20                              | 0.41                               |
| MPE-5          | 19-Nov-12   | TBD                         | 19.84                                | 20.45                              | 0.61                               |
| MPE-5          | 13-Feb-13   | TBD                         | 19.69                                | 20.01                              | 0.32                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-6          | 03-Mar-10   | TBD                         |                                      | 19.66                              |                                    |
| MPE-6          | 10-May-10   | TBD                         |                                      | NM                                 |                                    |
| MPE-6          | 17-Aug-10   | TBD                         |                                      | 19.70                              |                                    |
| MPE-6          | 11-Nov-10   | TBD                         |                                      | 19.91                              |                                    |
| MPE-6          | 01-Mar-11   | TBD                         |                                      | 19.69                              |                                    |
| MPE-6          | 20-May-11   | TBD                         |                                      | 19.64                              |                                    |
| MPE-6          | 25-Aug-11   | TBD                         |                                      | 20.07                              |                                    |

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| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-6          | 10-Nov-11   | TBD                         | 20.09                                | 20.10                              | 0.01                               |
| MPE-6          | 29-Feb-12   | TBD                         |                                      | 19.87                              |                                    |
| MPE-6          | 25-May-12   | TBD                         | 19.83                                | 19.84                              | 0.01                               |
| MPE-6          | 13-Aug-12   | TBD                         | 20.20                                | 20.22                              | 0.02                               |
| MPE-6          | 19-Nov-12   | TBD                         | 20.28                                | 20.30                              | 0.02                               |
| MPE-6          | 13-Feb-13   | TBD                         | 20.08                                | 20.11                              | 0.03                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-7          | 03-Mar-10   | TBD                         |                                      | 20.46                              |                                    |
| MPE-7          | 10-May-10   | TBD                         |                                      | NM                                 |                                    |
| MPE-7          | 17-Aug-10   | TBD                         |                                      | 20.49                              |                                    |
| MPE-7          | 11-Nov-10   | TBD                         |                                      | 20.68                              |                                    |
| MPE-7          | 01-Mar-11   | TBD                         |                                      | 20.54                              |                                    |
| MPE-7          | 20-May-11   | TBD                         |                                      | 20.49                              |                                    |
| MPE-7          | 25-Aug-11   | TBD                         |                                      | 20.88                              |                                    |
| MPE-7          | 10-Nov-11   | TBD                         |                                      | 20.89                              |                                    |
| MPE-7          | 29-Feb-12   | TBD                         |                                      | 20.73                              |                                    |
| MPE-7          | 21-May-12   | TBD                         |                                      | 20.66                              |                                    |
| MPE-7          | 13-Aug-12   | TBD                         |                                      | 20.99                              |                                    |
| MPE-7          | 19-Nov-12   | TBD                         |                                      | 21.08                              |                                    |
| MPE-7          | 13-Feb-13   | TBD                         |                                      | 20.89                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-8          | 03-Mar-10   | TBD                         |                                      | 21.74                              |                                    |
| MPE-8          | 10-May-10   | TBD                         |                                      | 21.60                              |                                    |
| MPE-8          | 17-Aug-10   | TBD                         |                                      | 21.81                              |                                    |
| MPE-8          | 11-Nov-10   | TBD                         |                                      | 21.98                              |                                    |
| MPE-8          | 01-Mar-11   | TBD                         |                                      | 21.95                              |                                    |
| MPE-8          | 20-May-11   | TBD                         |                                      | 21.78                              |                                    |
| MPE-8          | 25-Aug-11   | TBD                         |                                      | 22.32                              |                                    |
| MPE-8          | 10-Nov-11   | TBD                         |                                      | 22.19                              |                                    |
| MPE-8          | 29-Feb-12   | TBD                         |                                      | 22.00                              |                                    |
| MPE-8          | 21-May-12   | TBD                         |                                      | 21.96                              |                                    |
| MPE-8          | 13-Aug-12   | TBD                         |                                      | 22.30                              |                                    |
| MPE-8          | 19-Nov-12   | TBD                         |                                      | 22.37                              |                                    |
| MPE-8          | 13-Feb-13   | TBD                         |                                      | 22.20                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-9          | 03-Mar-10   | TBD                         |                                      | 23.44                              |                                    |
| MPE-9          | 10-May-10   | TBD                         |                                      | 23.29                              |                                    |
| MPE-9          | 17-Aug-10   | TBD                         |                                      | 23.51                              |                                    |
| MPE-9          | 11-Nov-10   | TBD                         |                                      | 23.66                              |                                    |

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| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-9          | 01-Mar-11   | TBD                         |                                      | 23.49                              |                                    |
| MPE-9          | 20-May-11   | TBD                         |                                      | 23.43                              |                                    |
| MPE-9          | 25-Aug-11   | TBD                         |                                      | 23.87                              |                                    |
| MPE-9          | 10-Nov-11   | TBD                         |                                      | 23.97                              |                                    |
| MPE-9          | 29-Feb-12   | TBD                         |                                      | 23.68                              |                                    |
| MPE-9          | 21-May-12   | TBD                         |                                      | 23.66                              |                                    |
| MPE-9          | 13-Aug-12   | TBD                         |                                      | 24.00                              |                                    |
| MPE-9          | 19-Nov-12   | TBD                         |                                      | 24.06                              |                                    |
| MPE-9          | 13-Feb-13   | TBD                         |                                      | 23.89                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-10         | 03-Mar-10   | TBD                         |                                      | 23.28                              |                                    |
| MPE-10         | 10-May-10   | TBD                         |                                      | 23.10                              |                                    |
| MPE-10         | 17-Aug-10   | TBD                         |                                      | 23.34                              |                                    |
| MPE-10         | 11-Nov-10   | TBD                         |                                      | 23.46                              |                                    |
| MPE-10         | 01-Mar-11   | TBD                         |                                      | 23.38                              |                                    |
| MPE-10         | 20-May-11   | TBD                         |                                      | 23.31                              |                                    |
| MPE-10         | 25-Aug-11   | TBD                         |                                      | 23.71                              |                                    |
| MPE-10         | 10-Nov-11   | TBD                         |                                      | 23.67                              |                                    |
| MPE-10         | 29-Feb-12   | TBD                         |                                      | 23.53                              |                                    |
| MPE-10         | 21-May-12   | TBD                         |                                      | 23.47                              |                                    |
| MPE-10         | 13-Aug-12   | TBD                         |                                      | 23.82                              |                                    |
| MPE-10         | 19-Nov-12   | TBD                         |                                      | 23.86                              |                                    |
| MPE-10         | 13-Feb-13   | TBD                         |                                      | 23.69                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-11         | 03-Mar-10   | TBD                         |                                      | 21.83                              |                                    |
| MPE-11         | 10-May-10   | TBD                         |                                      | 21.68                              |                                    |
| MPE-11         | 17-Aug-10   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-11         | 11-Nov-10   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-11         | 01-Mar-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-11         | 20-May-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-11         | 25-Aug-11   | TBD                         |                                      | 21.65                              |                                    |
| MPE-11         | 10-Nov-11   | TBD                         |                                      | 21.66                              |                                    |
| MPE-11         | 29-Feb-12   | TBD                         |                                      | 21.61                              |                                    |
| MPE-11         | 21-May-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-11         | 13-Aug-12   | TBD                         | NM-Root Growth at 21.6'              |                                    |                                    |
| MPE-11         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-11         | 13-Feb-13   | TBD                         | NM-Root Growth at 21.6'              |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-12         | 03-Mar-10   | TBD                         |                                      | 22.34                              |                                    |

**TABLE 1**  
**SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF**  
**PHASES 1 through 5 MPE WELLS**  
**Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico**

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-12         | 10-May-10   | TBD                         |                                      | 22.20                              |                                    |
| MPE-12         | 17-Aug-10   | TBD                         |                                      | 22.45                              |                                    |
| MPE-12         | 11-Nov-10   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-12         | 01-Mar-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-12         | 20-May-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-12         | 25-Aug-11   | TBD                         |                                      | 22.79                              |                                    |
| MPE-12         | 10-Nov-11   | TBD                         |                                      | 22.83                              |                                    |
| MPE-12         | 29-Feb-12   | TBD                         |                                      | 22.59                              |                                    |
| MPE-12         | 21-May-12   | TBD                         |                                      | 22.57                              |                                    |
| MPE-12         | 13-Aug-12   | TBD                         | NM-Root Growth at 22.7'              |                                    |                                    |
| MPE-12         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-12         | 13-Feb-13   | TBD                         | NM-Root Growth at 22.5'              |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-13         | 03-Mar-10   | TBD                         |                                      | 22.70                              |                                    |
| MPE-13         | 10-May-10   | TBD                         |                                      | 22.57                              |                                    |
| MPE-13         | 17-Aug-10   | TBD                         | 22.78                                | 22.82                              | 0.04                               |
| MPE-13         | 11-Nov-10   | TBD                         | 22.90                                | 22.96                              | 0.06                               |
| MPE-13         | 01-Mar-11   | TBD                         |                                      | 22.82                              |                                    |
| MPE-13         | 20-May-11   | TBD                         |                                      | 22.73                              |                                    |
| MPE-13         | 25-Aug-11   | TBD                         | 23.12                                | 23.24                              | 0.12                               |
| MPE-13         | 10-Nov-11   | TBD                         | 23.11                                | 23.18                              | 0.07                               |
| MPE-13         | 29-Feb-12   | TBD                         | 22.97                                | 22.99                              | 0.02                               |
| MPE-13         | 21-May-12   | TBD                         | 22.91                                | 22.97                              | 0.06                               |
| MPE-13         | 13-Aug-12   | TBD                         | 23.22                                | 23.45                              | 0.23                               |
| MPE-13         | 19-Nov-12   | TBD                         |                                      | 23.23                              |                                    |
| MPE-13         | 13-Feb-13   | TBD                         | 23.10                                | 23.26                              | 0.16                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-14         | 03-Mar-10   | TBD                         |                                      | 21.80                              |                                    |
| MPE-14         | 10-May-10   | TBD                         |                                      | 21.65                              |                                    |
| MPE-14         | 17-Aug-10   | TBD                         | 21.84                                | 21.85                              | 0.01                               |
| MPE-14         | 11-Nov-10   | TBD                         |                                      | 22.00                              |                                    |
| MPE-14         | 01-Mar-11   | TBD                         |                                      | 21.86                              |                                    |
| MPE-14         | 20-May-11   | TBD                         |                                      | 21.90                              |                                    |
| MPE-14         | 25-Aug-11   | TBD                         |                                      | 22.23                              |                                    |
| MPE-14         | 10-Nov-11   | TBD                         | 22.20                                | 22.34                              | 0.14                               |
| MPE-14         | 29-Feb-12   | TBD                         |                                      | 22.05                              |                                    |
| MPE-14         | 21-May-12   | TBD                         |                                      | 22.01                              |                                    |
| MPE-14         | 13-Aug-12   | TBD                         | 22.30                                | 22.55                              | 0.25                               |
| MPE-14         | 19-Nov-12   | TBD                         | 23.25                                | 23.66                              | 0.41                               |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-14         | 13-Feb-13   | TBD                         | 22.22                                | 22.26                              | 0.04                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-16         | 03-Mar-10   | TBD                         |                                      | 19.92                              |                                    |
| MPE-16         | 10-May-10   | TBD                         |                                      | 19.78                              |                                    |
| MPE-16         | 17-Aug-10   | TBD                         |                                      | 19.96                              |                                    |
| MPE-16         | 11-Nov-10   | TBD                         |                                      | 20.14                              |                                    |
| MPE-16         | 01-Mar-11   | TBD                         |                                      | 20.21                              |                                    |
| MPE-16         | 20-May-11   | TBD                         |                                      | 19.97                              |                                    |
| MPE-16         | 25-Aug-11   | TBD                         |                                      | 20.34                              |                                    |
| MPE-16         | 10-Nov-11   | TBD                         |                                      | 20.35                              |                                    |
| MPE-16         | 29-Feb-12   | TBD                         |                                      | 20.19                              |                                    |
| MPE-16         | 21-May-12   | TBD                         |                                      | 20.12                              |                                    |
| MPE-16         | 13-Aug-12   | TBD                         |                                      | 20.48                              |                                    |
| MPE-16         | 19-Nov-12   | TBD                         |                                      | 20.55                              |                                    |
| MPE-16         | 13-Feb-13   | TBD                         |                                      | 20.36                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-17         | 03-Mar-10   | TBD                         |                                      | 20.11                              |                                    |
| MPE-17         | 10-May-10   | TBD                         |                                      | 19.98                              |                                    |
| MPE-17         | 17-Aug-10   | TBD                         |                                      | 20.04                              |                                    |
| MPE-17         | 11-Nov-10   | TBD                         |                                      | 20.34                              |                                    |
| MPE-17         | 01-Mar-11   | TBD                         |                                      | 20.21                              |                                    |
| MPE-17         | 20-May-11   | TBD                         |                                      | 20.16                              |                                    |
| MPE-17         | 25-Aug-11   | TBD                         |                                      | 20.49                              |                                    |
| MPE-17         | 10-Nov-11   | TBD                         |                                      | 20.54                              |                                    |
| MPE-17         | 29-Feb-12   | TBD                         |                                      | 20.49                              |                                    |
| MPE-17         | 23-May-12   | TBD                         | 20.34                                | 20.36                              | 0.02                               |
| MPE-17         | 13-Aug-12   | TBD                         | 20.64                                | 20.65                              | 0.01                               |
| MPE-17         | 19-Nov-12   | TBD                         | 20.73                                | 20.74                              | 0.01                               |
| MPE-17         | 13-Feb-13   | TBD                         |                                      | 20.54                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-18         | 03-Mar-10   | TBD                         |                                      | 19.23                              |                                    |
| MPE-18         | 10-May-10   | TBD                         |                                      | NM                                 |                                    |
| MPE-18         | 17-Aug-10   | TBD                         | 19.27                                | 19.28                              | 0.01                               |
| MPE-18         | 11-Nov-10   | TBD                         |                                      | 19.34                              |                                    |
| MPE-18         | 01-Mar-11   | TBD                         |                                      | 19.46                              |                                    |
| MPE-18         | 20-May-11   | TBD                         |                                      | 19.35                              |                                    |
| MPE-18         | 25-Aug-11   | TBD                         |                                      | 19.46                              |                                    |
| MPE-18         | 10-Nov-11   | TBD                         |                                      | 19.67                              |                                    |
| MPE-18         | 29-Feb-12   | TBD                         |                                      | 19.48                              |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b>       | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-18               | 23-May-12   | TBD                         |                                      | 19.49                              |                                    |
| MPE-18               | 13-Aug-12   | TBD                         |                                      | 19.78                              |                                    |
| MPE-18               | 19-Nov-12   | TBD                         |                                      | 19.86                              |                                    |
| MPE-18               | 13-Feb-13   | TBD                         |                                      | 19.67                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-19               | 03-Mar-10   | TBD                         |                                      | 19.02                              |                                    |
| MPE-19               | 10-May-10   | TBD                         |                                      | 18.86                              |                                    |
| MPE-19               | 17-Aug-10   | TBD                         |                                      | 19.06                              |                                    |
| MPE-19               | 11-Nov-10   | TBD                         |                                      | 19.25                              |                                    |
| MPE-19               | 01-Mar-11   | TBD                         |                                      | 19.05                              |                                    |
| MPE-19               | 20-May-11   | TBD                         |                                      | 19.02                              |                                    |
| MPE-19               | 25-Aug-11   | TBD                         |                                      | 19.42                              |                                    |
| MPE-19               | 10-Nov-11   | TBD                         |                                      | 19.47                              |                                    |
| MPE-19               | 29-Feb-12   | TBD                         |                                      | 19.28                              |                                    |
| MPE-19               | 23-May-12   | TBD                         |                                      | 19.23                              |                                    |
| MPE-19               | 13-Aug-12   | TBD                         |                                      | 19.55                              |                                    |
| MPE-19               | 19-Nov-12   | TBD                         |                                      | 19.62                              |                                    |
| MPE-19               | 13-Feb-13   | TBD                         |                                      | 19.41                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| <b>Phase 2 Wells</b> |             |                             |                                      |                                    |                                    |
| MPE-20               | 03-Mar-10   | TBD                         |                                      | 18.72                              |                                    |
| MPE-20               | 10-May-10   | TBD                         |                                      | 18.58                              |                                    |
| MPE-20               | 17-Aug-10   | TBD                         |                                      | 18.75                              |                                    |
| MPE-20               | 11-Nov-10   | TBD                         |                                      | 18.96                              |                                    |
| MPE-20               | 01-Mar-11   | TBD                         |                                      | 18.87                              |                                    |
| MPE-20               | 20-May-11   | TBD                         |                                      | 18.79                              |                                    |
| MPE-20               | 25-Aug-11   | TBD                         |                                      | 19.14                              |                                    |
| MPE-20               | 10-Nov-11   | TBD                         |                                      | 19.17                              |                                    |
| MPE-20               | 29-Feb-12   | TBD                         |                                      | 18.98                              |                                    |
| MPE-20               | 23-May-12   | TBD                         |                                      | 18.96                              |                                    |
| MPE-20               | 13-Aug-12   | TBD                         |                                      | 19.25                              |                                    |
| MPE-20               | 19-Nov-12   | TBD                         |                                      | 19.34                              |                                    |
| MPE-20               | 13-Feb-13   | TBD                         |                                      | 19.14                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-21               | 03-Mar-10   | TBD                         | 19.88                                | 19.99                              | 0.11                               |
| MPE-21               | 18-May-10   | TBD                         |                                      | 19.50                              |                                    |
| MPE-21               | 09-Jun-10   | TBD                         |                                      | 19.75                              |                                    |
| MPE-21               | 17-Aug-10   | TBD                         | 19.90                                | 19.91                              | 0.01                               |
| MPE-21               | 11-Nov-10   | TBD                         | 20.12                                | 20.21                              | 0.09                               |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-21         | 01-Mar-11   | TBD                         |                                      | 19.99                              |                                    |
| MPE-21         | 20-May-11   | TBD                         |                                      | 19.93                              |                                    |
| MPE-21         | 25-Aug-11   | TBD                         | 20.32                                | 20.37                              | 0.05                               |
| MPE-21         | 10-Nov-11   | TBD                         |                                      | 20.41                              |                                    |
| MPE-21         | 29-Feb-12   | TBD                         | 20.13                                | 20.42                              | 0.29                               |
| MPE-21         | 23-May-12   | TBD                         | 20.08                                | 20.45                              | 0.37                               |
| MPE-21         | 13-Aug-12   | TBD                         | 20.33                                | 20.85                              | 0.52                               |
| MPE-21         | 19-Nov-12   | TBD                         | 20.28                                | 21.55                              | 1.27                               |
| MPE-21         | 13-Feb-13   | TBD                         | 20.15                                | 21.16                              | 1.01                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-22         | 03-Mar-10   | TBD                         | 20.73                                | 20.81                              | 0.08                               |
| MPE-22         | 18-May-10   | TBD                         |                                      | NM                                 |                                    |
| MPE-22         | 09-Jun-10   | TBD                         | 20.4                                 | 20.90                              | 0.50                               |
| MPE-22         | 16-Jun-10   | TBD                         |                                      | 20.53                              |                                    |
| MPE-22         | 17-Aug-10   | TBD                         | 20.71                                | 20.88                              | 0.17                               |
| MPE-22         | 11-Nov-10   | TBD                         | 20.94                                | 20.95                              | 0.01                               |
| MPE-22         | 01-Mar-11   | TBD                         |                                      | 20.84                              |                                    |
| MPE-22         | 20-May-11   | TBD                         |                                      | 20.73                              |                                    |
| MPE-22         | 25-Aug-11   | TBD                         | 21.11                                | 21.15                              | 0.04                               |
| MPE-22         | 10-Nov-11   | TBD                         |                                      | 21.28                              |                                    |
| MPE-22         | 29-Feb-12   | TBD                         |                                      | 20.97                              |                                    |
| MPE-22         | 23-May-12   | TBD                         |                                      | 20.96                              |                                    |
| MPE-22         | 13-Aug-12   | TBD                         | 21.18                                | 21.56                              | 0.38                               |
| MPE-22         | 19-Nov-12   | TBD                         | 21.22                                | 21.84                              | 0.62                               |
| MPE-22         | 13-Feb-13   | TBD                         | 21.10                                | 21.37                              | 0.27                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-23         | 03-Mar-10   | TBD                         |                                      | 21.10                              |                                    |
| MPE-23         | 10-May-10   | TBD                         |                                      | 20.97                              |                                    |
| MPE-23         | 17-Aug-10   | TBD                         |                                      | 21.14                              |                                    |
| MPE-23         | 11-Nov-10   | TBD                         |                                      | 21.33                              |                                    |
| MPE-23         | 01-Mar-11   | TBD                         |                                      | 21.29                              |                                    |
| MPE-23         | 20-May-11   | TBD                         |                                      | 20.80                              |                                    |
| MPE-23         | 25-Aug-11   | TBD                         |                                      | 20.33                              |                                    |
| MPE-23         | 10-Nov-11   | TBD                         |                                      | 20.25                              |                                    |
| MPE-23         | 29-Feb-12   | TBD                         |                                      | 20.09                              |                                    |
| MPE-23         | 23-May-12   | TBD                         |                                      | 20.96                              |                                    |
| MPE-23         | 13-Aug-12   | TBD                         |                                      | 21.28                              |                                    |
| MPE-23         | 19-Nov-12   | TBD                         |                                      | 21.41                              |                                    |
| MPE-23         | 13-Feb-13   | TBD                         |                                      | 21.18                              |                                    |



TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
|                |             |                             |                                      |                                    |                                    |
| MPE-24         | 03-Mar-10   | TBD                         |                                      | 22.69                              |                                    |
| MPE-24         | 10-May-10   | TBD                         |                                      | 22.53                              |                                    |
| MPE-24         | 17-Aug-10   | TBD                         |                                      | 22.70                              |                                    |
| MPE-24         | 11-Nov-10   | TBD                         |                                      | 22.88                              |                                    |
| MPE-24         | 01-Mar-11   | TBD                         |                                      | 22.78                              |                                    |
| MPE-24         | 20-May-11   | TBD                         |                                      | 22.64                              |                                    |
| MPE-24         | 25-Aug-11   | TBD                         |                                      | 23.09                              |                                    |
| MPE-24         | 10-Nov-11   | TBD                         |                                      | 23.12                              |                                    |
| MPE-24         | 29-Feb-12   | TBD                         |                                      | 22.98                              |                                    |
| MPE-24         | 23-May-12   | TBD                         |                                      | 22.90                              |                                    |
| MPE-24         | 13-Aug-12   | TBD                         |                                      | 23.20                              |                                    |
| MPE-24         | 19-Nov-12   | TBD                         |                                      | 23.27                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-25         | 03-Mar-10   | TBD                         |                                      | 23.02                              |                                    |
| MPE-25         | 10-May-10   | TBD                         |                                      | 22.87                              |                                    |
| MPE-25         | 17-Aug-10   | TBD                         |                                      | 23.12                              |                                    |
| MPE-25         | 11-Nov-10   | TBD                         |                                      | 23.23                              |                                    |
| MPE-25         | 01-Mar-11   | TBD                         |                                      | 23.08                              |                                    |
| MPE-25         | 20-May-11   | TBD                         |                                      | 22.99                              |                                    |
| MPE-25         | 25-Aug-11   | TBD                         |                                      | 23.55                              |                                    |
| MPE-25         | 10-Nov-11   | TBD                         |                                      | 23.54                              |                                    |
| MPE-25         | 29-Feb-12   | TBD                         |                                      | 23.26                              |                                    |
| MPE-25         | 23-May-12   | TBD                         |                                      | 23.23                              |                                    |
| MPE-25         | 13-Aug-12   | TBD                         |                                      | 23.59                              |                                    |
| MPE-25         | 19-Nov-12   | TBD                         |                                      | 23.62                              |                                    |
| MPE-25         | 13-Feb-13   | TBD                         |                                      | 23.45                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-26         | 03-Mar-10   | TBD                         | 22.75                                | 23.41                              | 0.66                               |
| MPE-26         | 18-May-10   | TBD                         | 22.58                                | 23.38                              | 0.80                               |
| MPE-26         | 28-May-10   | TBD                         | 22.55                                | 23.42                              | 0.87                               |
| MPE-26         | 09-Jun-10   | TBD                         | 22.56                                | 23.73                              | 1.17                               |
| MPE-26         | 17-Aug-10   | TBD                         | 22.94                                | 23.34                              | 0.40                               |
| MPE-26         | 11-Nov-10   | TBD                         | 23.04                                | 23.59                              | 0.55                               |
| MPE-26         | 03-Mar-11   | TBD                         | 22.96                                | 23.38                              | 0.42                               |
| MPE-26         | 20-May-11   | TBD                         | 22.82                                | 22.86                              | 0.04                               |
| MPE-26         | 25-Aug-11   | TBD                         | 23.29                                | 23.99                              | 0.70                               |
| MPE-26         | 10-Nov-11   | TBD                         | 23.17                                | 24.14                              | 0.97                               |
| MPE-26         | 29-Feb-12   | TBD                         | 22.89                                | 23.95                              | 1.06                               |

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PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-26         | 23-May-12   | TBD                         | 23.00                                | 23.28                              | 0.28                               |
| MPE-26         | 13-Aug-12   | TBD                         | 23.28                                | 24.25                              | 0.97                               |
| MPE-26         | 19-Nov-12   | TBD                         | 23.22                                | 24.29                              | 1.07                               |
| MPE-26         | 13-Feb-13   | TBD                         | 23.10                                | 24.50                              | 1.40                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-27         | 03-Mar-10   | TBD                         |                                      | 21.92                              |                                    |
| MPE-27         | 10-May-10   | TBD                         |                                      | 21.76                              |                                    |
| MPE-27         | 17-Aug-10   | TBD                         |                                      | 22.03                              |                                    |
| MPE-27         | 11-Nov-10   | TBD                         |                                      | 22.06                              |                                    |
| MPE-27         | 03-Mar-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-27         | 20-May-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-27         | 25-Aug-11   | TBD                         |                                      | 21.42                              |                                    |
| MPE-27         | 10-Nov-11   | TBD                         |                                      | 21.33                              |                                    |
| MPE-27         | 29-Feb-12   | TBD                         |                                      | 22.06                              |                                    |
| MPE-27         | 23-May-12   | TBD                         |                                      | 22.15                              |                                    |
| MPE-27         | 13-Aug-12   | TBD                         | NM-Root Growth at 22.2'              |                                    |                                    |
| MPE-27         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-27         | 13-Feb-13   | TBD                         | NM-Root Growth at 22'                |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-28         | 03-Mar-10   | TBD                         |                                      | 21.54                              |                                    |
| MPE-28         | 10-May-10   | TBD                         |                                      | 21.39                              |                                    |
| MPE-28         | 17-Aug-10   | TBD                         |                                      | 21.70                              |                                    |
| MPE-28         | 11-Nov-10   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-28         | 03-Mar-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-28         | 20-May-11   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-28         | 25-Aug-11   | TBD                         |                                      | 22.19                              |                                    |
| MPE-28         | 10-Nov-11   | TBD                         |                                      | 21.93                              |                                    |
| MPE-28         | 29-Feb-12   | TBD                         |                                      | 21.74                              |                                    |
| MPE-28         | 23-May-12   | TBD                         |                                      | 21.84                              |                                    |
| MPE-28         | 13-Aug-12   | TBD                         |                                      | 22.18                              |                                    |
| MPE-28         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-28         | 13-Feb-13   | TBD                         | NM-Root Growth at 22'                |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-29         | 03-Mar-10   | TBD                         |                                      | 20.54                              |                                    |
| MPE-29         | 10-May-10   | TBD                         |                                      | 20.39                              |                                    |
| MPE-29         | 17-Aug-10   | TBD                         |                                      | 20.73                              |                                    |
| MPE-29         | 11-Nov-10   | TBD                         |                                      | 21.72                              |                                    |
| MPE-29         | 03-Mar-11   | TBD                         |                                      | 21.45                              |                                    |
| MPE-29         | 19-May-11   | TBD                         |                                      | 20.49                              |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-29         | 25-Aug-11   | TBD                         |                                      | 21.03                              |                                    |
| MPE-29         | 10-Nov-11   | TBD                         |                                      | 20.93                              |                                    |
| MPE-29         | 29-Feb-12   | TBD                         |                                      | 20.87                              |                                    |
| MPE-29         | 23-May-12   | TBD                         |                                      | 20.84                              |                                    |
| MPE-29         | 13-Aug-12   | TBD                         |                                      | 21.11                              |                                    |
| MPE-29         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-29         | 13-Feb-13   | TBD                         | NM-Root Growth at 21'                |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-30         | 03-Mar-10   | TBD                         |                                      | 21.19                              |                                    |
| MPE-30         | 10-May-10   | TBD                         |                                      | 20.03                              |                                    |
| MPE-30         | 17-Aug-10   | TBD                         |                                      | 21.33                              |                                    |
| MPE-30         | 12-Nov-10   | TBD                         |                                      | 21.36                              |                                    |
| MPE-30         | 03-Mar-11   | TBD                         |                                      | 20.99                              |                                    |
| MPE-30         | 19-May-11   | TBD                         |                                      | 21.18                              |                                    |
| MPE-30         | 25-Aug-11   | TBD                         |                                      | 21.75                              |                                    |
| MPE-30         | 10-Nov-11   | TBD                         |                                      | 21.68                              |                                    |
| MPE-30         | 29-Feb-12   | TBD                         |                                      | 21.36                              |                                    |
| MPE-30         | 23-May-12   | TBD                         |                                      | 21.46                              |                                    |
| MPE-30         | 13-Aug-12   | TBD                         | NM-Root Growth at 21.4'              |                                    |                                    |
| MPE-30         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-30         | 13-Feb-13   | TBD                         | NM-Root Growth at 21'                |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-31         | 03-Mar-10   | TBD                         |                                      | 22.46                              |                                    |
| MPE-31         | 10-May-10   | TBD                         |                                      | 22.30                              |                                    |
| MPE-31         | 17-Aug-10   | TBD                         |                                      | 22.57                              |                                    |
| MPE-31         | 12-Nov-10   | TBD                         |                                      | 22.64                              |                                    |
| MPE-31         | 03-Mar-11   | TBD                         |                                      | 22.45                              |                                    |
| MPE-31         | 19-May-11   | TBD                         |                                      | 22.45                              |                                    |
| MPE-31         | 25-Aug-11   | TBD                         |                                      | 22.95                              |                                    |
| MPE-31         | 10-Nov-11   | TBD                         |                                      | 22.87                              |                                    |
| MPE-31         | 29-Feb-12   | TBD                         |                                      | 22.66                              |                                    |
| MPE-31         | 23-May-12   | TBD                         |                                      | 22.71                              |                                    |
| MPE-31         | 13-Aug-12   | TBD                         |                                      | 23.00                              |                                    |
| MPE-31         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-31         | 21-Feb-13   | TBD                         | NM-Root Growth at 22.6'              |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-33         | 03-Mar-10   | TBD                         |                                      | 22.34                              |                                    |
| MPE-33         | 10-May-10   | TBD                         |                                      | 22.19                              |                                    |
| MPE-33         | 17-Aug-10   | TBD                         |                                      | 22.39                              |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-33         | 12-Nov-10   | TBD                         |                                      | 22.54                              |                                    |
| MPE-33         | 03-Mar-11   | TBD                         |                                      | 22.61                              |                                    |
| MPE-33         | 19-May-11   | TBD                         |                                      | 22.34                              |                                    |
| MPE-33         | 25-Aug-11   | TBD                         |                                      | 22.78                              |                                    |
| MPE-33         | 10-Nov-11   | TBD                         |                                      | 22.78                              |                                    |
| MPE-33         | 29-Feb-12   | TBD                         | 22.54                                | 22.73                              | 0.19                               |
| MPE-33         | 23-May-12   | TBD                         | 22.51                                | 22.59                              | 0.08                               |
| MPE-33         | 13-Aug-12   | TBD                         | 22.73                                | 23.41                              | 0.68                               |
| MPE-33         | 19-Nov-12   | TBD                         | 21.80                                | 22.36                              | 0.56                               |
| MPE-33         | 21-Feb-13   | TBD                         | 22.66                                | 23.02                              | 0.36                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-34         | 03-Mar-10   | TBD                         |                                      | 22.16                              |                                    |
| MPE-34         | 10-May-10   | TBD                         |                                      | 22.01                              |                                    |
| MPE-34         | 17-Aug-10   | TBD                         |                                      | 22.20                              |                                    |
| MPE-34         | 12-Nov-10   | TBD                         |                                      | 22.37                              |                                    |
| MPE-34         | 03-Mar-11   | TBD                         |                                      | 22.41                              |                                    |
| MPE-34         | 19-May-11   | TBD                         |                                      | 22.19                              |                                    |
| MPE-34         | 25-Aug-11   | TBD                         |                                      | 22.60                              |                                    |
| MPE-34         | 10-Nov-11   | TBD                         |                                      | 22.67                              |                                    |
| MPE-34         | 29-Feb-12   | TBD                         |                                      | 22.44                              |                                    |
| MPE-34         | 23-May-12   | TBD                         |                                      | 22.38                              |                                    |
| MPE-34         | 13-Aug-12   | TBD                         |                                      | 22.66                              |                                    |
| MPE-34         | 19-Nov-12   | TBD                         | 22.61                                | 23.25                              | 0.64                               |
| MPE-34         | 21-Feb-13   | TBD                         | 22.45                                | 22.95                              | 0.50                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-35         | 24-Feb-10   | TBD                         | 20.71                                | 20.95                              | 0.24                               |
| MPE-35         | 03-Mar-10   | TBD                         | 20.64                                | 20.98                              | 0.34                               |
| MPE-35         | 18-May-10   | TBD                         | 20.34                                | 20.67                              | 0.33                               |
| MPE-35         | 09-Jun-10   | TBD                         | 20.26                                | 20.79                              | 0.53                               |
| MPE-35         | 16-Jun-10   | TBD                         |                                      | 20.46                              |                                    |
| MPE-35         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-35         | 12-Nov-10   | TBD                         | 20.86                                | 21.27                              | 0.41                               |
| MPE-35         | 03-Mar-11   | TBD                         | 20.87                                | 21.25                              | 0.38                               |
| MPE-35         | 19-May-11   | TBD                         |                                      | 20.74                              |                                    |
| MPE-35         | 25-Aug-11   | TBD                         | 21.05                                | 21.59                              | 0.54                               |
| MPE-35         | 10-Nov-11   | TBD                         | 21.07                                | 21.70                              | 0.63                               |
| MPE-35         | 29-Feb-12   | TBD                         | 21.00                                | 21.09                              | 0.09                               |
| MPE-35         | 23-May-12   | TBD                         | 20.88                                | 21.12                              | 0.24                               |
| MPE-35         | 13-Aug-12   | TBD                         | 21.05                                | 21.95                              | 0.90                               |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-35         | 19-Nov-12   | TBD                         | 21.13                                | 22.00                              | 0.87                               |
| MPE-35         | 21-Feb-13   | TBD                         | 21.05                                | 21.38                              | 0.33                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-36         | 03-Mar-10   | TBD                         |                                      | 19.91                              |                                    |
| MPE-36         | 10-May-10   | TBD                         |                                      | NM                                 |                                    |
| MPE-36         | 16-Jun-10   | TBD                         |                                      | 19.72                              |                                    |
| MPE-36         | 17-Aug-10   | TBD                         |                                      | 19.94                              |                                    |
| MPE-36         | 12-Nov-10   | TBD                         |                                      | 20.11                              |                                    |
| MPE-36         | 03-Mar-11   | TBD                         |                                      | 19.92                              |                                    |
| MPE-36         | 19-May-11   | TBD                         |                                      | 19.98                              |                                    |
| MPE-36         | 25-Aug-11   | TBD                         |                                      | 20.27                              |                                    |
| MPE-36         | 10-Nov-11   | TBD                         | 20.26                                | 20.66                              | 0.40                               |
| MPE-36         | 29-Feb-12   | TBD                         | 20.13                                | 20.37                              | 0.24                               |
| MPE-36         | 23-May-12   | TBD                         | 20.07                                | 20.21                              | 0.14                               |
| MPE-36         | 13-Aug-12   | TBD                         | 20.32                                | 20.72                              | 0.40                               |
| MPE-36         | 19-Nov-12   | TBD                         | 20.35                                | 20.97                              | 0.62                               |
| MPE-36         | 21-Feb-13   | TBD                         | 20.23                                | 20.53                              | 0.30                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-37         | 03-Mar-10   | TBD                         | 20.11                                | 20.67                              | 0.56                               |
| MPE-37         | 18-May-10   | TBD                         |                                      | 19.98                              |                                    |
| MPE-37         | 16-Jun-10   | TBD                         |                                      | 20.07                              |                                    |
| MPE-37         | 17-Aug-10   | TBD                         |                                      | 20.31                              |                                    |
| MPE-37         | 12-Nov-10   | TBD                         |                                      | 20.51                              |                                    |
| MPE-37         | 03-Mar-11   | TBD                         |                                      | 20.33                              |                                    |
| MPE-37         | 19-May-11   | TBD                         |                                      | 20.37                              |                                    |
| MPE-37         | 25-Aug-11   | TBD                         |                                      | 20.33                              |                                    |
| MPE-37         | 10-Nov-11   | TBD                         | 20.68                                | 20.7                               | 0.02                               |
| MPE-37         | 29-Feb-12   | TBD                         |                                      | 20.52                              |                                    |
| MPE-37         | 23-May-12   | TBD                         |                                      | 20.49                              |                                    |
| MPE-37         | 13-Aug-12   | TBD                         |                                      | 20.76                              |                                    |
| MPE-37         | 19-Nov-12   | TBD                         | 20.84                                | 20.88                              | 0.04                               |
| MPE-37         | 21-Feb-13   | TBD                         |                                      | 20.65                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-38         | 03-Mar-10   | TBD                         | 19.80                                | 19.83                              | 0.03                               |
| MPE-38         | 18-May-10   | TBD                         | 19.49                                | 20.40                              | 0.91                               |
| MPE-38         | 09-Jun-10   | TBD                         | 19.51                                | 20.31                              | 0.80                               |
| MPE-38         | 16-Jun-10   | TBD                         | 19.61                                | 20.30                              | 0.69                               |
| MPE-38         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-38         | 12-Nov-10   | TBD                         | 19.99                                | 20.59                              | 0.60                               |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b>       | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-38               | 03-Mar-11   | TBD                         | 20.06                                | 20.63                              | 0.57                               |
| MPE-38               | 19-May-11   | TBD                         |                                      | 19.83                              |                                    |
| MPE-38               | 25-Aug-11   | TBD                         | 20.18                                | 20.26                              | 0.08                               |
| MPE-38               | 10-Nov-11   | TBD                         | 20.20                                | 20.28                              | 0.08                               |
| MPE-38               | 29-Feb-12   | TBD                         | 20.03                                | 20.05                              | 0.02                               |
| MPE-38               | 23-May-12   | TBD                         | 19.96                                | 20.05                              | 0.09                               |
| MPE-38               | 13-Aug-12   | TBD                         | 20.24                                | 20.40                              | 0.16                               |
| MPE-38               | 19-Nov-12   | TBD                         | 20.34                                | 20.40                              | 0.06                               |
| MPE-38               | 21-Feb-13   | TBD                         | 20.12                                | 20.13                              | 0.01                               |
| <b>Phase 3 Wells</b> |             |                             |                                      |                                    |                                    |
| MPE-39               | 18-Jun-10   | TBD                         |                                      | 17.29                              |                                    |
| MPE-39               | 17-Aug-10   | TBD                         |                                      | 17.44                              |                                    |
| MPE-39               | 12-Nov-10   | TBD                         |                                      | 17.64                              |                                    |
| MPE-39               | 03-Mar-11   | TBD                         |                                      | 17.51                              |                                    |
| MPE-39               | 19-May-11   | TBD                         |                                      | 17.49                              |                                    |
| MPE-39               | 25-Aug-11   | TBD                         |                                      | 17.78                              |                                    |
| MPE-39               | 10-Nov-11   | TBD                         |                                      | 17.83                              |                                    |
| MPE-39               | 29-Feb-12   | TBD                         |                                      | 17.65                              |                                    |
| MPE-39               | 23-May-12   | TBD                         |                                      | 17.63                              |                                    |
| MPE-39               | 13-Aug-12   | TBD                         |                                      | 17.91                              |                                    |
| MPE-39               | 19-Nov-12   | TBD                         |                                      | 17.99                              |                                    |
| MPE-39               | 21-Feb-13   | TBD                         |                                      | 17.88                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-40               | 18-Jun-10   | TBD                         |                                      | 17.46                              |                                    |
| MPE-40               | 17-Aug-10   | TBD                         |                                      | 17.63                              |                                    |
| MPE-40               | 12-Nov-10   | TBD                         |                                      | 17.83                              |                                    |
| MPE-40               | 03-Mar-11   | TBD                         |                                      | 17.72                              |                                    |
| MPE-40               | 19-May-11   | TBD                         |                                      | 17.64                              |                                    |
| MPE-40               | 25-Aug-11   | TBD                         |                                      | 17.98                              |                                    |
| MPE-40               | 15-Nov-11   | TBD                         |                                      | 18.06                              |                                    |
| MPE-40               | 29-Feb-12   | TBD                         |                                      | 17.85                              |                                    |
| MPE-40               | 23-May-12   | TBD                         |                                      | 18.50                              |                                    |
| MPE-40               | 13-Aug-12   | TBD                         |                                      | 18.12                              |                                    |
| MPE-40               | 19-Nov-12   | TBD                         |                                      | 18.21                              |                                    |
| MPE-40               | 21-Feb-13   | TBD                         |                                      | 17.99                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-41               | 18-Jun-10   | TBD                         |                                      | 18.14                              |                                    |
| MPE-41               | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |

**TABLE 1**  
**SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF**  
**PHASES 1 through 5 MPE WELLS**  
**Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico**

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-41         | 12-Nov-10   | TBD                         |                                      | 18.51                              |                                    |
| MPE-41         | 03-Mar-11   | TBD                         |                                      | 18.57                              |                                    |
| MPE-41         | 19-May-11   | TBD                         |                                      | 18.37                              |                                    |
| MPE-41         | 25-Aug-11   | TBD                         |                                      | 18.66                              |                                    |
| MPE-41         | 15-Nov-11   | TBD                         |                                      | 18.74                              |                                    |
| MPE-41         | 29-Feb-12   | TBD                         |                                      | 18.52                              |                                    |
| MPE-41         | 23-May-12   | TBD                         |                                      | 19.25                              |                                    |
| MPE-41         | 13-Aug-12   | TBD                         |                                      | 18.78                              |                                    |
| MPE-41         | 19-Nov-12   | TBD                         |                                      | 18.86                              |                                    |
| MPE-41         | 21-Feb-13   | TBD                         |                                      | 18.67                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-42         | 18-Jun-10   | TBD                         |                                      | 18.90                              |                                    |
| MPE-42         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-42         | 12-Nov-10   | TBD                         |                                      | 19.25                              |                                    |
| MPE-42         | 03-Mar-11   | TBD                         |                                      | 19.30                              |                                    |
| MPE-42         | 19-May-11   | TBD                         |                                      | 19.11                              |                                    |
| MPE-42         | 25-Aug-11   | TBD                         |                                      | 19.48                              |                                    |
| MPE-42         | 15-Nov-11   | TBD                         |                                      | 19.46                              |                                    |
| MPE-42         | 29-Feb-12   | TBD                         |                                      | 19.25                              |                                    |
| MPE-42         | 23-May-12   | TBD                         |                                      | 20.09                              |                                    |
| MPE-42         | 13-Aug-12   | TBD                         |                                      | 19.54                              |                                    |
| MPE-42         | 19-Nov-12   | TBD                         | 19.46                                | 20.28                              | 0.82                               |
| MPE-42         | 21-Feb-13   | TBD                         | 19.28                                | 20.00                              | 0.72                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-43         | 18-Jun-10   | TBD                         |                                      | 19.75                              |                                    |
| MPE-43         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-43         | 12-Nov-10   | TBD                         |                                      | 20.10                              |                                    |
| MPE-43         | 03-Mar-11   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-43         | 19-May-11   | TBD                         |                                      | 19.95                              |                                    |
| MPE-43         | 25-Aug-11   | TBD                         |                                      | 20.25                              |                                    |
| MPE-43         | 15-Nov-11   | TBD                         |                                      | 20.27                              |                                    |
| MPE-43         | 29-Feb-12   | TBD                         |                                      | 20.16                              |                                    |
| MPE-43         | 23-May-12   | TBD                         | 20.18                                | 20.80                              | 0.62                               |
| MPE-43         | 13-Aug-12   | TBD                         |                                      | 20.38                              |                                    |
| MPE-43         | 19-Nov-12   | TBD                         |                                      | 20.47                              |                                    |
| MPE-43         | 21-Feb-13   | TBD                         |                                      | 20.27                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-44         | 18-Jun-10   | TBD                         |                                      | 19.95                              |                                    |
| MPE-44         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-44         | 12-Nov-10   | TBD                         |                                      | 20.29                              |                                    |
| MPE-44         | 03-Mar-11   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-44         | 19-May-11   | TBD                         | 20.09                                | 20.10                              | 0.01                               |
| MPE-44         | 25-Aug-11   | TBD                         | 20.66                                | 20.70                              | 0.04                               |
| MPE-44         | 15-Nov-11   | TBD                         | 20.37                                | 21.49                              | 1.12                               |
| MPE-44         | 29-Feb-12   | TBD                         | 20.24                                | 21.20                              | 0.96                               |
| MPE-44         | 23-May-12   | TBD                         | 20.41                                | 20.50                              | 0.09                               |
| MPE-44         | 13-Aug-12   | TBD                         | 20.36                                | 21.30                              | 0.94                               |
| MPE-44         | 19-Nov-12   | TBD                         | 20.40                                | 21.54                              | 1.14                               |
| MPE-44         | 21-Feb-13   | TBD                         | 20.30                                | 21.08                              | 0.78                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-45         | 18-Jun-10   | TBD                         |                                      | 20.05                              | sheen                              |
| MPE-45         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-45         | 12-Nov-10   | TBD                         |                                      | 20.38                              |                                    |
| MPE-45         | 03-Mar-11   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-45         | 19-May-11   | TBD                         |                                      | 20.22                              |                                    |
| MPE-45         | 25-Aug-11   | TBD                         | 20.63                                | 20.97                              | 0.34                               |
| MPE-45         | 15-Nov-11   | TBD                         | 20.66                                | 21.23                              | 0.57                               |
| MPE-45         | 29-Feb-12   | TBD                         | 20.45                                | 20.77                              | 0.32                               |
| MPE-45         | 23-May-12   | TBD                         |                                      | 21.52                              |                                    |
| MPE-45         | 13-Aug-12   | TBD                         | 20.60                                | 21.19                              | 0.59                               |
| MPE-45         | 19-Nov-12   | TBD                         | 20.63                                | 21.41                              | 0.78                               |
| MPE-45         | 21-Feb-13   | TBD                         | 20.52                                | 20.86                              | 0.34                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-46         | 18-Jun-10   | TBD                         |                                      | 21.16                              |                                    |
| MPE-46         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-46         | 12-Nov-10   | TBD                         |                                      | 21.46                              |                                    |
| MPE-46         | 03-Mar-11   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-46         | 19-May-11   | TBD                         |                                      | 21.28                              |                                    |
| MPE-46         | 25-Aug-11   | TBD                         |                                      | 21.72                              |                                    |
| MPE-46         | 15-Nov-11   | TBD                         |                                      | 21.53                              |                                    |
| MPE-46         | 29-Feb-12   | TBD                         |                                      | 21.25                              |                                    |
| MPE-46         | 23-May-12   | TBD                         | 20.95                                | 21.58                              | 0.63                               |
| MPE-46         | 13-Aug-12   | TBD                         |                                      | 21.81                              |                                    |
| MPE-46         | 19-Nov-12   | TBD                         |                                      | 21.82                              |                                    |
| MPE-46         | 21-Feb-13   | TBD                         |                                      | 21.64                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-47         | 18-Jun-10   | TBD                         |                                      | 20.68                              |                                    |
| MPE-47         | 17-Aug-10   | TBD                         |                                      | 20.92                              |                                    |



TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-47         | 12-Nov-10   | TBD                         | 20.87                                | 21.28                              | 0.41                               |
| MPE-47         | 03-Mar-11   | TBD                         | 20.80                                | 21.29                              | 0.49                               |
| MPE-47         | 19-May-11   | TBD                         | 20.73                                | 20.75                              | 0.02                               |
| MPE-47         | 25-Aug-11   | TBD                         | 21.13                                | 22.25                              | 1.12                               |
| MPE-47         | 15-Nov-11   | TBD                         | 21.00                                | 21.82                              | 0.82                               |
| MPE-47         | 29-Feb-12   | TBD                         | 20.93                                | 21.19                              | 0.26                               |
| MPE-47         | 23-May-12   | TBD                         |                                      | 19.24                              |                                    |
| MPE-47         | 13-Aug-12   | TBD                         | 21.15                                | 22.42                              | 1.27                               |
| MPE-47         | 19-Nov-12   | TBD                         | 21.12                                | 22.15                              | 1.03                               |
| MPE-47         | 21-Feb-13   | TBD                         | 21.01                                | 21.60                              | 0.59                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-48         | 18-Jun-10   | TBD                         |                                      | 19.94                              |                                    |
| MPE-48         | 17-Aug-10   | TBD                         |                                      | 20.22                              |                                    |
| MPE-48         | 12-Nov-10   | TBD                         |                                      | 20.11                              |                                    |
| MPE-48         | 03-Mar-11   | TBD                         |                                      | 20.16                              |                                    |
| MPE-48         | 19-May-11   | TBD                         |                                      | 19.91                              |                                    |
| MPE-48         | 25-Aug-11   | TBD                         |                                      | 20.55                              |                                    |
| MPE-48         | 15-Nov-11   | TBD                         |                                      | 20.24                              |                                    |
| MPE-48         | 29-Feb-12   | TBD                         |                                      | 20.14                              |                                    |
| MPE-48         | 23-May-12   | TBD                         |                                      | 19.52                              |                                    |
| MPE-48         | 13-Aug-12   | TBD                         |                                      | 20.55                              |                                    |
| MPE-48         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-48         | 21-Feb-13   | TBD                         | NM-Root Growth at 20'                |                                    |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-49         | 18-Jun-10   | TBD                         |                                      | 19.13                              |                                    |
| MPE-49         | 17-Aug-10   | TBD                         |                                      | 19.44                              |                                    |
| MPE-49         | 12-Nov-10   | TBD                         |                                      | 19.32                              |                                    |
| MPE-49         | 03-Mar-11   | TBD                         |                                      | 19.35                              |                                    |
| MPE-49         | 25-May-11   | TBD                         |                                      | 19.08                              |                                    |
| MPE-49         | 25-Aug-11   | TBD                         |                                      | 19.80                              |                                    |
| MPE-49         | 15-Nov-11   | TBD                         |                                      | 19.59                              |                                    |
| MPE-49         | 29-Feb-12   | TBD                         |                                      | 19.34                              |                                    |
| MPE-49         | 23-May-12   | TBD                         | 20.56                                | 20.82                              | 0.26                               |
| MPE-49         | 13-Aug-12   | TBD                         |                                      | 19.98                              |                                    |
| MPE-49         | 19-Nov-12   | TBD                         | NM-Roots in Well                     |                                    |                                    |
| MPE-49         | 21-Feb-13   | TBD                         |                                      | 19.49                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-50         | 18-Jun-10   | TBD                         |                                      | 20.24                              |                                    |
| MPE-50         | 17-Aug-10   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-50         | 12-Nov-10   | TBD                         |                                      | 20.49                              |                                    |
| MPE-50         | 03-Mar-11   | TBD                         | NM-Attached to RSI Unit              |                                    |                                    |
| MPE-50         | 25-May-11   | TBD                         |                                      | 20.39                              |                                    |
| MPE-50         | 25-Aug-11   | TBD                         |                                      | 20.90                              |                                    |
| MPE-50         | 15-Nov-11   | TBD                         | 20.65                                | 21.02                              | 0.37                               |
| MPE-50         | 29-Feb-12   | TBD                         | 20.52                                | 20.75                              | 0.23                               |
| MPE-50         | 23-May-12   | TBD                         |                                      | 21.01                              |                                    |
| MPE-50         | 13-Aug-12   | TBD                         | 20.89                                | 21.26                              | 0.37                               |
| MPE-50         | 19-Nov-12   | TBD                         | 20.86                                | 21.13                              | 0.27                               |
| MPE-50         | 21-Feb-13   | TBD                         | 20.63                                | 21.10                              | 0.47                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-51         | 18-Jun-10   | TBD                         |                                      | 20.70                              |                                    |
| MPE-51         | 17-Aug-10   | TBD                         |                                      | 20.68                              |                                    |
| MPE-51         | 12-Nov-10   | TBD                         |                                      | 20.99                              |                                    |
| MPE-51         | 03-Mar-11   | TBD                         |                                      | 21.04                              |                                    |
| MPE-51         | 25-May-11   | TBD                         |                                      | 20.80                              |                                    |
| MPE-51         | 25-Aug-11   | TBD                         |                                      | 21.27                              |                                    |
| MPE-51         | 15-Nov-11   | TBD                         |                                      | 21.21                              |                                    |
| MPE-51         | 29-Feb-12   | TBD                         |                                      | 21.05                              |                                    |
| MPE-51         | 25-May-12   | TBD                         | 20.74                                | 21.24                              | 0.50                               |
| MPE-51         | 13-Aug-12   | TBD                         |                                      | 21.30                              |                                    |
| MPE-51         | 20-Nov-12   | TBD                         |                                      | 21.35                              |                                    |
| MPE-51         | 21-Feb-13   | TBD                         |                                      | 21.17                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-52         | 18-Jun-10   | TBD                         |                                      | 20.49                              |                                    |
| MPE-52         | 17-Aug-10   | TBD                         |                                      | 20.64                              |                                    |
| MPE-52         | 12-Nov-10   | TBD                         |                                      | 20.84                              |                                    |
| MPE-52         | 03-Mar-11   | TBD                         |                                      | 20.70                              |                                    |
| MPE-52         | 25-May-11   | TBD                         |                                      | 20.69                              |                                    |
| MPE-52         | 25-Aug-11   | TBD                         | 20.97                                | 21.23                              | 0.26                               |
| MPE-52         | 15-Nov-11   | TBD                         | 20.92                                | 21.34                              | 0.42                               |
| MPE-52         | 29-Feb-12   | TBD                         | 20.73                                | 21.13                              | 0.40                               |
| MPE-52         | 25-May-12   | TBD                         | 19.49                                | 19.93                              | 0.44                               |
| MPE-52         | 13-Aug-12   | TBD                         | 21.04                                | 21.46                              | 0.42                               |
| MPE-52         | 20-Nov-12   | TBD                         | 21.08                                | 21.62                              | 0.54                               |
| MPE-52         | 21-Feb-13   | TBD                         | 20.93                                | 21.10                              | 0.17                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-53         | 18-Jun-10   | TBD                         |                                      | 19.23                              |                                    |
| MPE-53         | 17-Aug-10   | TBD                         |                                      | 19.38                              |                                    |

**TABLE 1**  
**SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF**  
**PHASES 1 through 5 MPE WELLS**  
**Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico**

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-53         | 12-Nov-10   | TBD                         |                                      | 19.55                              |                                    |
| MPE-53         | 03-Mar-11   | TBD                         |                                      | 19.42                              |                                    |
| MPE-53         | 25-May-11   | TBD                         | 19.29                                | 19.74                              | 0.45                               |
| MPE-53         | 25-Aug-11   | TBD                         | 19.76                                | 20.74                              | 0.98                               |
| MPE-53         | 15-Nov-11   | TBD                         | 19.65                                | 20.75                              | 1.10                               |
| MPE-53         | 29-Feb-12   | TBD                         | 19.47                                | 20.13                              | 0.66                               |
| MPE-53         | 25-May-12   | TBD                         | 19.22                                | 19.33                              | 0.11                               |
| MPE-53         | 14-Aug-12   | TBD                         | 19.70                                | 20.53                              | 0.83                               |
| MPE-53         | 20-Nov-12   | TBD                         | 19.75                                | 20.66                              | 0.91                               |
| MPE-53         | 21-Feb-13   | TBD                         | 19.62                                | 20.18                              | 0.56                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-54         | 18-Jun-10   | TBD                         |                                      | 18.85                              |                                    |
| MPE-54         | 17-Aug-10   | TBD                         |                                      | 19.02                              |                                    |
| MPE-54         | 12-Nov-10   | TBD                         |                                      | 19.19                              |                                    |
| MPE-54         | 03-Mar-11   | TBD                         |                                      | 19.15                              |                                    |
| MPE-54         | 25-May-11   | TBD                         |                                      | 19.23                              |                                    |
| MPE-54         | 25-Aug-11   | TBD                         | 19.38                                | 19.88                              | 0.50                               |
| MPE-54         | 15-Nov-11   | TBD                         | 19.47                                | 20.03                              | 0.56                               |
| MPE-54         | 29-Feb-12   | TBD                         | 19.26                                | 19.35                              | 0.09                               |
| MPE-54         | 25-May-12   | TBD                         |                                      | 18.71                              |                                    |
| MPE-54         | 14-Aug-12   | TBD                         | 19.40                                | 20.18                              | 0.78                               |
| MPE-54         | 20-Nov-12   | TBD                         | 19.45                                | 20.31                              | 0.86                               |
| MPE-54         | 21-Feb-13   | TBD                         | 19.35                                | 19.77                              | 0.42                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-55         | 18-Jun-10   | TBD                         |                                      | 18.36                              |                                    |
| MPE-55         | 17-Aug-10   | TBD                         |                                      | 18.51                              |                                    |
| MPE-55         | 12-Nov-10   | TBD                         |                                      | 18.70                              |                                    |
| MPE-55         | 03-Mar-11   | TBD                         |                                      | 18.61                              |                                    |
| MPE-55         | 25-May-11   | TBD                         |                                      | 18.52                              |                                    |
| MPE-55         | 25-Aug-11   | TBD                         |                                      | 18.86                              |                                    |
| MPE-55         | 15-Nov-11   | TBD                         |                                      | 18.91                              |                                    |
| MPE-55         | 29-Feb-12   | TBD                         |                                      | 18.73                              |                                    |
| MPE-55         | 25-May-12   | TBD                         |                                      | 14.14                              |                                    |
| MPE-55         | 14-Aug-12   | TBD                         |                                      | 19.00                              |                                    |
| MPE-55         | 20-Nov-12   | TBD                         |                                      | 19.06                              |                                    |
| MPE-55         | 21-Feb-13   | TBD                         |                                      | 18.87                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-56         | 18-Jun-10   | TBD                         |                                      | 13.80                              |                                    |
| MPE-56         | 17-Aug-10   | TBD                         |                                      | 13.94                              |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b>       | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-56               | 12-Nov-10   | TBD                         |                                      | 14.14                              |                                    |
| MPE-56               | 03-Mar-11   | TBD                         |                                      | 14.21                              |                                    |
| MPE-56               | 19-May-11   | TBD                         |                                      | 14.01                              |                                    |
| MPE-56               | 25-Aug-11   | TBD                         |                                      | 14.28                              |                                    |
| MPE-56               | 15-Nov-11   | TBD                         |                                      | 14.30                              |                                    |
| MPE-56               | 29-Feb-12   | TBD                         |                                      | 14.22                              |                                    |
| MPE-56               | 25-May-12   | TBD                         |                                      | 14.83                              |                                    |
| MPE-56               | 14-Aug-12   | TBD                         |                                      | 14.41                              |                                    |
| MPE-56               | 20-Nov-12   | TBD                         |                                      | 14.49                              |                                    |
| MPE-56               | 21-Feb-13   | TBD                         |                                      | 14.29                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-57               | 18-Jun-10   | TBD                         |                                      | --                                 |                                    |
| MPE-57               | 17-Aug-10   | TBD                         |                                      | 14.63                              |                                    |
| MPE-57               | 12-Nov-10   | TBD                         |                                      | 14.75                              |                                    |
| MPE-57               | 03-Mar-11   | TBD                         |                                      | 14.67                              |                                    |
| MPE-57               | 19-May-11   | TBD                         |                                      | 14.68                              |                                    |
| MPE-57               | 25-Aug-11   | TBD                         |                                      | 15.09                              |                                    |
| MPE-57               | 15-Nov-11   | TBD                         |                                      | 15.00                              |                                    |
| MPE-57               | 29-Feb-12   | TBD                         |                                      | 14.14                              |                                    |
| MPE-57               | 25-May-12   | TBD                         |                                      | 15.08                              |                                    |
| MPE-57               | 14-Aug-12   | TBD                         |                                      | 15.10                              |                                    |
| MPE-57               | 20-Nov-12   | TBD                         |                                      | 15.18                              |                                    |
| MPE-57               | 21-Feb-13   | TBD                         |                                      | 14.97                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| <b>Phase 4 Wells</b> |             |                             |                                      |                                    |                                    |
| MPE-58               | 18-Jun-10   | TBD                         |                                      | --                                 |                                    |
| MPE-58               | 17-Aug-10   | TBD                         |                                      | 14.86                              |                                    |
| MPE-58               | 12-Nov-10   | TBD                         |                                      | 14.99                              |                                    |
| MPE-58               | 03-Mar-11   | TBD                         |                                      | 15.06                              |                                    |
| MPE-58               | 19-May-11   | TBD                         |                                      | 14.96                              |                                    |
| MPE-58               | 25-Aug-11   | TBD                         |                                      | 15.27                              |                                    |
| MPE-58               | 15-Nov-11   | TBD                         |                                      | 15.32                              |                                    |
| MPE-58               | 29-Feb-12   | TBD                         |                                      | 15.09                              |                                    |
| MPE-58               | 25-May-12   | TBD                         |                                      | 13.79                              |                                    |
| MPE-58               | 14-Aug-12   | TBD                         |                                      | 15.34                              |                                    |
| MPE-58               | 20-Nov-12   | TBD                         |                                      | 15.41                              |                                    |
| MPE-58               | 21-Feb-13   | TBD                         |                                      | 15.21                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-59               | 25-May-12   | TBD                         |                                      | 14.08                              |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-59         | 14-Aug-12   | TBD                         |                                      | 14.06                              |                                    |
| MPE-59         | 20-Nov-12   | TBD                         |                                      | 14.12                              |                                    |
| MPE-59         | 21-Feb-13   | TBD                         |                                      | 13.93                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-60         | 25-May-12   | TBD                         |                                      | 13.88                              |                                    |
| MPE-60         | 14-Aug-12   | TBD                         |                                      | 14.34                              |                                    |
| MPE-60         | 20-Nov-12   | TBD                         |                                      | 14.43                              |                                    |
| MPE-60         | 21-Feb-13   | TBD                         |                                      | 14.22                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-61         | 25-May-12   | TBD                         |                                      | 14.13                              |                                    |
| MPE-61         | 14-Aug-12   | TBD                         |                                      | 14.15                              |                                    |
| MPE-61         | 20-Nov-12   | TBD                         |                                      | 14.25                              |                                    |
| MPE-61         | 22-Feb-13   | TBD                         |                                      | 14.07                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-62         | 25-May-12   | TBD                         | 14.86                                | 15.36                              | 0.50                               |
| MPE-62         | 14-Aug-12   | TBD                         |                                      | 14.40                              |                                    |
| MPE-62         | 20-Nov-12   | TBD                         |                                      | 14.31                              |                                    |
| MPE-62         | 22-Feb-13   | TBD                         |                                      | 14.13                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-63         | 25-May-12   | TBD                         |                                      | 15.34                              |                                    |
| MPE-63         | 14-Aug-12   | TBD                         | 15.09                                | 15.93                              | 0.84                               |
| MPE-63         | 20-Nov-12   | TBD                         | 15.16                                | 16.17                              | 1.01                               |
| MPE-63         | 22-Feb-13   | TBD                         | 15.03                                | 15.70                              | 0.67                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-64         | 25-May-12   | TBD                         | 15.98                                | 16.00                              | 0.02                               |
| MPE-64         | 14-Aug-12   | TBD                         | 15.54                                | 15.55                              | 0.01                               |
| MPE-64         | 20-Nov-12   | TBD                         |                                      | 15.60                              |                                    |
| MPE-64         | 22-Feb-13   | TBD                         | 15.42                                | 15.51                              | 0.09                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-65         | 25-May-12   | TBD                         |                                      | 16.16                              |                                    |
| MPE-65         | 14-Aug-12   | TBD                         | 16.28                                | 16.31                              | 0.03                               |
| MPE-65         | 20-Nov-12   | TBD                         | 16.28                                | 16.54                              | 0.26                               |
| MPE-65         | 22-Feb-13   | TBD                         | 16.18                                | 16.24                              | 0.06                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-66         | 25-May-12   | TBD                         | 17.40                                | 17.41                              | 0.01                               |
| MPE-66         | 14-Aug-12   | TBD                         | 16.33                                | 17.15                              | 0.82                               |
| MPE-66         | 20-Nov-12   | TBD                         | 16.40                                | 17.12                              | 0.72                               |
| MPE-66         | 22-Feb-13   | TBD                         | 16.31                                | 16.67                              | 0.36                               |
|                |             |                             |                                      |                                    |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-67         | 25-May-12   | TBD                         |                                      | 15.67                              |                                    |
| MPE-67         | 14-Aug-12   | TBD                         |                                      | 17.71                              |                                    |
| MPE-67         | 20-Nov-12   | TBD                         |                                      | 17.74                              |                                    |
| MPE-67         | 22-Feb-13   | TBD                         | 17.60                                | 17.65                              | 0.05                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-68         | 14-Aug-12   | TBD                         |                                      | 16.09                              |                                    |
| MPE-68         | 20-Nov-12   | TBD                         |                                      | 15.91                              |                                    |
| MPE-68         | 22-Feb-13   | TBD                         |                                      | 15.69                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-69         | 14-Aug-12   | TBD                         |                                      | 15.50                              |                                    |
| MPE-69         | 20-Nov-12   | TBD                         |                                      | 15.45                              |                                    |
| MPE-69         | 22-Feb-13   | TBD                         |                                      | 15.28                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-70         | 14-Aug-12   | TBD                         | 15.67                                | 16.01                              | 0.34                               |
| MPE-70         | 20-Nov-12   | TBD                         | 15.65                                | 16.40                              | 0.75                               |
| MPE-70         | 22-Feb-13   | TBD                         | 15.52                                | 16.25                              | 0.73                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-71         | 22-Jun-12   | TBD                         | 16.04                                | 16.06                              | 0.02                               |
| MPE-71         | 14-Aug-12   | TBD                         | 15.68                                | 16.23                              | 0.55                               |
| MPE-71         | 20-Nov-12   | TBD                         | 15.72                                | 16.51                              | 0.79                               |
| MPE-71         | 22-Feb-13   | TBD                         | 15.63                                | 16.23                              | 0.60                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-72         | 22-Jun-12   | TBD                         | 15.79                                | 16.76                              | 0.97                               |
| MPE-72         | 14-Aug-12   | TBD                         |                                      | 16.29                              |                                    |
| MPE-72         | 21-Nov-12   | TBD                         |                                      | 16.34                              |                                    |
| MPE-72         | 22-Feb-13   | TBD                         | 16.21                                | 16.22                              | 0.01                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-73         | 22-Jun-12   | TBD                         | 14.68                                | 15.65                              | 0.97                               |
| MPE-73         | 13-Aug-12   | TBD                         | 16.59                                | 17.93                              | 1.34                               |
| MPE-73         | 20-Nov-12   | TBD                         | 16.00                                | 17.52                              | 1.52                               |
| MPE-73         | 22-Feb-13   | TBD                         | 15.90                                | 17.02                              | 1.12                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-74         | 22-Jun-12   | TBD                         | 13.68                                | 14.56                              | 0.88                               |
| MPE-74         | 13-Aug-12   | TBD                         | 14.86                                | 15.72                              | 0.86                               |
| MPE-74         | 20-Nov-12   | TBD                         | 14.91                                | 16.20                              | 1.29                               |
| MPE-74         | 22-Feb-13   | TBD                         | 14.80                                | 15.80                              | 1.00                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-75         | 22-Jun-12   | TBD                         |                                      | 12.91                              |                                    |
| MPE-75         | 13-Aug-12   | TBD                         | 13.88                                | 14.88                              | 1.00                               |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b>       | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-75               | 20-Nov-12   | TBD                         | 13.95                                | 14.85                              | 0.90                               |
| MPE-75               | 22-Feb-13   | TBD                         | 13.80                                | 14.62                              | 0.82                               |
|                      |             |                             |                                      |                                    |                                    |
| MPE-76               | 22-Jun-12   | TBD                         |                                      | 12.47                              |                                    |
| MPE-76               | 13-Aug-12   | TBD                         | 13.03                                | 13.37                              | 0.34                               |
| MPE-76               | 20-Nov-12   | TBD                         | 13.12                                | 13.40                              | 0.28                               |
| MPE-76               | 22-Feb-13   | TBD                         | 13.01                                | 13.03                              | 0.02                               |
|                      |             |                             |                                      |                                    |                                    |
| MPE-77               | 22-Jun-12   | TBD                         | 11.33                                | 11.36                              | 0.03                               |
| MPE-77               | 13-Aug-12   | TBD                         |                                      | 12.65                              |                                    |
| MPE-77               | 20-Nov-12   | TBD                         |                                      | 12.70                              |                                    |
| MPE-77               | 22-Feb-13   | TBD                         | 12.53                                | 12.67                              | 0.14                               |
|                      |             |                             |                                      |                                    |                                    |
| MPE-78               | 22-Jun-12   | TBD                         |                                      | 11.33                              |                                    |
| MPE-78               | 13-Aug-12   | TBD                         | 11.51                                | 11.53                              | 0.02                               |
| MPE-78               | 20-Nov-12   | TBD                         |                                      | 11.57                              |                                    |
| MPE-78               | 22-Feb-13   | TBD                         | 11.37                                | 11.60                              | 0.23                               |
|                      |             |                             |                                      |                                    |                                    |
| <b>Phase 5 Wells</b> |             |                             |                                      |                                    |                                    |
| MPE-79               | 13-Aug-12   | TBD                         |                                      | 11.50                              |                                    |
| MPE-79               | 20-Nov-12   | TBD                         |                                      | 11.49                              |                                    |
| MPE-79               | 22-Feb-13   | TBD                         |                                      | 11.28                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-80               | 13-Aug-12   | TBD                         |                                      | 9.12                               |                                    |
| MPE-80               | 20-Nov-12   | TBD                         |                                      | 9.15                               |                                    |
| MPE-80               | 22-Feb-13   | TBD                         |                                      | 8.92                               |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-81               | 13-Aug-12   | TBD                         |                                      | 10.64                              |                                    |
| MPE-81               | 20-Nov-12   | TBD                         | 10.69                                | 11.67                              | 0.98                               |
| MPE-81               | 22-Feb-13   | TBD                         | 10.57                                | 11.14                              | 0.57                               |
|                      |             |                             |                                      |                                    |                                    |
| MPE-82               | 13-Aug-12   | TBD                         | 10.89                                | 11.65                              | 0.76                               |
| MPE-82               | 20-Nov-12   | TBD                         | 11.04                                | 11.38                              | 0.34                               |
| MPE-82               | 22-Feb-13   | TBD                         |                                      | 10.90                              |                                    |
|                      |             |                             |                                      |                                    |                                    |
| MPE-83               | 13-Aug-12   | TBD                         |                                      | 12.38                              |                                    |
| MPE-83               | 20-Nov-12   | TBD                         | 12.43                                | 12.49                              | 0.06                               |
| MPE-83               | 22-Feb-13   | TBD                         | 12.16                                | 12.75                              | 0.59                               |
|                      |             |                             |                                      |                                    |                                    |

TABLE 1  
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF  
PHASES 1 through 5 MPE WELLS  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| MPE-84         | 20-Nov-12   | TBD                         | 17.65                                | 18.63                              | 0.98                               |
| MPE-84         | 22-Feb-13   | TBD                         | 17.54                                | 18.43                              | 0.89                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-85         | 20-Nov-12   | TBD                         | 15.84                                | 16.99                              | 1.15                               |
| MPE-85         | 22-Feb-13   | TBD                         | 15.71                                | 16.71                              | 1.00                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-86         | 20-Nov-12   | TBD                         | 17.25                                | 17.94                              | 0.69                               |
| MPE-86         | 22-Feb-13   | TBD                         | 17.16                                | 17.39                              | 0.23                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-87         | 20-Nov-12   | TBD                         |                                      | 15.94                              |                                    |
| MPE-87         | 22-Feb-13   | TBD                         |                                      | 15.79                              |                                    |
|                |             |                             |                                      |                                    |                                    |
| MPE-88         | 20-Nov-12   | TBD                         | 13.64                                | 14.80                              | 1.16                               |
| MPE-88         | 22-Feb-13   | TBD                         | 13.55                                | 14.45                              | 0.90                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-89         | 20-Nov-12   | TBD                         |                                      | 14.85                              |                                    |
| MPE-89         | 22-Feb-13   | TBD                         | 14.62                                | 14.86                              | 0.24                               |
|                |             |                             |                                      |                                    |                                    |
| MPE-90         | 20-Nov-12   | TBD                         | 14.81                                | 15.49                              | 0.68                               |
| MPE-90         | 22-Feb-13   | TBD                         | 14.62                                | 15.52                              | 0.90                               |



TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i> | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|-----------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| TW-1           | 29-Feb-12   | 5471.58                     |                                      | 30.96                              |                                    | 5440.62                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-1           | 11-May-12   | 5471.58                     |                                      | 30.81                              |                                    | 5440.77                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-1           | 08-Aug-12   | 5471.58                     |                                      | 31.28                              |                                    | 5440.30                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-1           | 02-Nov-12   | 5471.58                     |                                      | 31.39                              |                                    | 5440.19                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-1           | 05-Feb-13   | 5471.58                     |                                      | 31.24                              |                                    | 5440.34                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-2           | 29-Feb-12   | 5469.31                     |                                      | 29.19                              |                                    | 5440.12                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-2           | 11-May-12   | 5469.31                     |                                      | 29.04                              |                                    | 5440.27                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-2           | 08-Aug-12   | 5469.31                     |                                      | 29.49                              |                                    | 5439.82                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-2           | 02-Nov-12   | 5469.31                     |                                      | 29.61                              |                                    | 5439.70                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-2           | 05-Feb-13   | 5469.31                     |                                      | 29.45                              |                                    | 5439.86                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-3           | 29-Feb-12   | 5468.14                     |                                      | 28.2                               |                                    | 5439.94                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-3           | 11-May-12   | 5468.14                     |                                      | 28.07                              |                                    | 5440.07                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-3           | 08-Aug-12   | 5468.14                     |                                      | 28.34                              |                                    | 5439.80                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-3           | 02-Nov-12   | 5468.14                     |                                      | NM                                 | NOT MEASURED - ROOT GROWTH AT 28'  |                                        |           |                              |                                        |                       |                     |                                       |
| TW-3           | 05-Feb-13   | 5468.14                     |                                      | NM                                 | NOT MEASURED - ROOT GROWTH AT 28'  |                                        |           |                              |                                        |                       |                     |                                       |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-4           | 29-Feb-12   | 5458.72                     |                                      | 19.32                              |                                    | 5439.40                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-4           | 11-May-12   | 5458.72                     |                                      | 19.17                              |                                    | 5439.55                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-4           | 08-Aug-12   | 5458.72                     |                                      | 19.66                              |                                    | 5439.06                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-4           | 02-Nov-12   | 5458.72                     |                                      | 19.77                              |                                    | 5438.95                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-4           | 05-Feb-13   | 5458.72                     |                                      | 19.55                              |                                    | 5439.17                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-5           | 29-Feb-12   | 5465.18                     |                                      | 25.77                              |                                    | 5439.41                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-5           | 11-May-12   | 5465.18                     |                                      | 25.61                              |                                    | 5439.57                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-5           | 08-Aug-12   | 5465.18                     |                                      | 26.05                              |                                    | 5439.13                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> | <b>Corrected<br/>GW<br/>Elev. (ft)</b> | <b>pH</b> | <b>Conductivity<br/>(mS)</b> | <b>Dissolved<br/>Oxygen<br/>(mg/L)</b> | <b>Temp.<br/>(°C)</b> | <b>ORP<br/>(mV)</b> | <b>Purge<br/>Volume<br/>(gallons)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|-----------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| <b>TW-5</b>    | 02-Nov-12   | 5465.18                     |                                      | 26.17                              |                                    | 5439.01                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-5</b>    | 05-Feb-13   | 5465.18                     |                                      | 26.00                              |                                    | 5439.18                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>TW-6</b>    | 29-Feb-12   | 5463.57                     |                                      | 24.94                              |                                    | 5438.63                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-6</b>    | 11-May-12   | 5463.57                     |                                      | 24.81                              |                                    | 5438.76                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-6</b>    | 08-Aug-12   | 5463.57                     |                                      | 25.23                              |                                    | 5438.34                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-6</b>    | 02-Nov-12   | 5463.57                     |                                      | 25.35                              |                                    | 5438.22                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-6</b>    | 05-Feb-13   | 5463.57                     |                                      | 25.19                              |                                    | 5438.38                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>TW-7</b>    | 29-Feb-12   | 5461.17                     |                                      | 22.41                              |                                    | 5438.76                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-7</b>    | 17-May-12   | 5461.17                     |                                      | 22.28                              |                                    | 5438.89                                | 7.23      | 2.517                        | 0.44                                   | 17.05                 | -24.5               | NM                                    |
| <b>TW-7</b>    | 08-Aug-12   | 5461.17                     |                                      | 22.69                              |                                    | 5438.48                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-7</b>    | 02-Nov-12   | 5461.17                     |                                      | 22.83                              |                                    | 5438.34                                | 7.74      | 2.811                        | 0.57                                   | 14.31                 | -53.2               | 2.0                                   |
| <b>TW-7</b>    | 05-Feb-13   | 5461.17                     |                                      | 22.64                              |                                    | 5438.53                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>TW-8</b>    | 19-Feb-12   | 5458.29                     |                                      | 19.83                              |                                    | 5438.46                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-8</b>    | 17-May-12   | 5458.29                     |                                      | 19.75                              |                                    | 5438.54                                | 7.19      | 2.791                        | 0.09                                   | 14.53                 | -21.6               | NM                                    |
| <b>TW-8</b>    | 08-Aug-12   | 5458.29                     |                                      | 20.23                              |                                    | 5438.06                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-8</b>    | 02-Nov-12   | 5458.29                     |                                      | 20.30                              |                                    | 5437.99                                | 7.83      | 3.298                        | 1.00                                   | 14.47                 | -58.9               | 3.6                                   |
| <b>TW-8</b>    | 05-Feb-13   | 5458.29                     |                                      | 20.02                              |                                    | 5438.27                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>TW-9</b>    | 29-Feb-12   | 5450.61                     |                                      | 12.28                              |                                    | 5438.33                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-9</b>    | 11-May-12   | 5450.61                     |                                      | 12.27                              |                                    | 5438.34                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-9</b>    | 08-Aug-12   | 5450.61                     |                                      | 12.85                              |                                    | 5437.76                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-9</b>    | 02-Nov-12   | 5450.61                     |                                      | 12.82                              |                                    | 5437.79                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-9</b>    | 05-Feb-13   | 5450.61                     |                                      | 12.43                              |                                    | 5438.18                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i>                  | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|----------------------------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| TW-10          | 29-Feb-12   | 5450.16                     |                                      | 12.49                              |                                    | 5437.67                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-10          | 11-May-12   | 5450.16                     |                                      | 12.48                              |                                    | 5437.68                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-10          | 08-Aug-12   | 5450.16                     |                                      | 13.04                              |                                    | 5437.12                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-10          | 02-Nov-12   | 5450.16                     |                                      | 12.96                              |                                    | 5437.20                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-10          | 05-Feb-13   | 5450.16                     |                                      | 12.60                              |                                    | 5437.56                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-11          | 29-Feb-12   | 5456.31                     |                                      | 18.25                              |                                    | 5438.06                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-11          | 11-May-12   | 5456.31                     |                                      | 18.18                              |                                    | 5438.13                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-11          | 08-Aug-12   | 5456.31                     |                                      | 18.56                              |                                    | 5437.75                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-11          | 02-Nov-12   | 5456.31                     |                                      | 18.68                              |                                    | 5437.63                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-11          | 05-Feb-13   | 5456.31                     |                                      | 18.46                              |                                    | 5437.85                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-12          | 28-Feb-12   | 5460.44                     |                                      | 22.57                              |                                    | 5437.87                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-12          | 11-May-12   | 5460.44                     | 22.46                                | 22.53                              | 0.07                               | 5437.97                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-12          | 08-Aug-12   | 5460.44                     | 22.83                                | 23.11                              | 0.28                               | 5437.56                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-12          | 12-Nov-12   | 5460.44                     | 22.95                                | 23.00                              | 0.05                               | 5437.48                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-12          | 05-Feb-13   | 5460.44                     | 22.76                                | 22.94                              | 0.18                               | 5437.65                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-13          | 29-Feb-12   | 5458.17                     | 20.79                                | 21.70                              | 0.91                               | 5437.22                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| TW-13          | 11-May-12   | 5458.17                     | 20.70                                | 21.60                              | 0.90                               | 5437.31                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| TW-13          | 08-Aug-12   | 5458.17                     | 21.05                                | 22.25                              | 1.20                               | 5436.91                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-13          | 12-Nov-12   | 5458.17                     | 21.05                                | 22.35                              | 1.30                               | 5436.90                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-13          | 05-Feb-13   | 5458.17                     | 20.91                                | 22.02                              | 1.11                               | 5437.07                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-14          | 29-Feb-12   | 5454.24                     | 17.21                                | 17.52                              | 0.31                               | 5436.98                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-14          | 11-May-12   | 5454.24                     | 17.16                                | 17.27                              | 0.11                               | 5437.06                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-14          | 08-Aug-12   | 5454.24                     | 17.30                                | 18.52                              | 1.22                               | 5436.73                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> | <b>Corrected<br/>GW<br/>Elev. (ft)</b> | <b>pH</b> | <b>Conductivity<br/>(mS)</b> | <b>Dissolved<br/>Oxygen<br/>(mg/L)</b> | <b>Temp.<br/>(°C)</b> | <b>ORP<br/>(mV)</b> | <b>Purge<br/>Volume<br/>(gallons)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|-----------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| TW-14          | 12-Nov-12   | 5454.24                     | 17.42                                | 18.81                              | 1.39                               | 5436.58                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-14          | 05-Feb-13   | 5454.24                     | 17.28                                | 18.15                              | 0.87                               | 5436.81                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-15          | 29-Feb-12   | 5450.44                     |                                      | 13.19                              |                                    | 5437.25                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-15          | 17-May-12   | 5450.44                     |                                      | 13.20                              |                                    | 5437.24                                | 7.32      | 3.593                        | 0.85                                   | 14.09                 | -29.0               | NM                                    |
| TW-15          | 08-Aug-12   | 5450.44                     |                                      | 13.70                              |                                    | 5436.74                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-15          | 02-Nov-12   | 5450.44                     |                                      | 13.61                              |                                    | 5436.83                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-15          | 05-Feb-13   | 5450.44                     |                                      | 13.34                              |                                    | 5437.10                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-16          | 29-Feb-12   | 5448.45                     |                                      | 11.44                              |                                    | 5437.01                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-16          | 11-May-12   | 5448.45                     |                                      | 11.54                              |                                    | 5436.91                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-16          | 08-Aug-12   | 5448.45                     | Not Measured - Root Growth at 11.0'  |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-16          | 02-Nov-12   | 5448.45                     | Not Measured - Root Growth at 11.0'  |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-16          | 05-Feb-13   | 5448.45                     | Not Measured - Root Growth at 11.0'  |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-17          | 29-Feb-12   | 5446.24                     |                                      | 10.06                              |                                    | 5436.18                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-17          | 11-May-12   | 5446.24                     |                                      | 10.13                              |                                    | 5436.11                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-17          | 08-Aug-12   | 5446.24                     |                                      | 10.58                              |                                    | 5435.66                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-17          | 02-Nov-12   | 5446.24                     |                                      | 14.42                              |                                    | 5431.82                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-17          | 05-Feb-13   | 5446.24                     |                                      | 10.10                              |                                    | 5436.14                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-18          | 29-Feb-12   | 5452.73                     |                                      | 16.48                              |                                    | 5436.25                                | 7.25      | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-18          | 17-May-12   | 5452.73                     |                                      | 16.41                              |                                    | 5436.32                                | 7.29      | 4.157                        | 0.79                                   | 16.25                 | -27.7               | NM                                    |
| TW-18          | 08-Aug-12   | 5452.73                     |                                      | 16.78                              |                                    | 5435.95                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-18          | 02-Nov-12   | 5452.73                     |                                      | 16.87                              |                                    | 5435.86                                | 7.91      | 4.440                        | 1.10                                   | 16.37                 | -62.2               | 3.0                                   |
| TW-18          | 05-Feb-13   | 5452.73                     |                                      | 16.65                              |                                    | 5436.08                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| Well ID | Date      | T.O.C.<br>(ft amsl) | Depth to<br>Product<br>(ft)        | Depth to<br>Water<br>(ft) | NAPL<br>Thickness<br>(ft) | Corrected<br>GW<br>Elev. (ft) | pH                         | Conductivity<br>(mS) | Dissolved<br>Oxygen<br>(mg/L) | Temp.<br>(°C) | ORP<br>(mV) | Purge<br>Volume<br>(gallons) |
|---------|-----------|---------------------|------------------------------------|---------------------------|---------------------------|-------------------------------|----------------------------|----------------------|-------------------------------|---------------|-------------|------------------------------|
| TW-19   | 29-Feb-12 | 5458.49             | 17.74                              | 18.11                     | 0.37                      | 5440.69                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-19   | 11-May-12 | 5458.49             | 17.70                              | 17.84                     | 0.14                      | 5440.77                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-19   | 08-Aug-12 | 5458.49             | 17.93                              | 18.57                     | 0.64                      | 5440.45                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
| TW-19   | 14-Nov-12 | 5458.49             | 17.91                              | 18.95                     | 1.04                      | 5440.40                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
| TW-19   | 06-Feb-13 | 5458.49             | 17.86                              | 18.43                     | 0.57                      | 5440.53                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
|         |           |                     |                                    |                           |                           |                               |                            |                      |                               |               |             |                              |
| TW-20   | 29-Feb-12 | 5453.74             | 17.55                              | 19.02                     | 1.47                      | 5435.94                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-20   | 11-May-12 | 5453.74             | 17.47                              | 18.88                     | 1.41                      | 5436.03                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-20   | 08-Aug-12 | 5453.74             | 17.95                              | 18.32                     | 0.37                      | 5435.73                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
| TW-20   | 14-Nov-12 | 5453.74             | 17.73                              | 18.90                     | 1.17                      | 5435.81                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
| TW-20   | 06-Feb-13 | 5453.74             | 17.62                              | 19.51                     | 1.89                      | 5435.79                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
|         |           |                     |                                    |                           |                           |                               |                            |                      |                               |               |             |                              |
| TW-21   | 29-Feb-12 | 5451.85             | TW damaged by demolition work      |                           |                           |                               |                            |                      |                               |               |             |                              |
| TW-21   | 14-May-12 | 5451.85             | TW damaged by demolition work      |                           |                           |                               |                            |                      |                               |               |             |                              |
| TW-21   | 08-Aug-12 | 5451.85             | 16.78                              | 17.60                     | 0.82                      | 5434.93                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
| TW-21   | 14-Nov-12 | 5451.85             | 16.77                              | 17.84                     | 1.07                      | 5434.89                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
| TW-21   | 06-Feb-13 | 5451.85             | 16.70                              | 17.47                     | 0.77                      | 5435.02                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
|         |           |                     |                                    |                           |                           |                               |                            |                      |                               |               |             |                              |
| TW-22   | 29-Feb-12 | 5450.19             | 14.96                              | 15.30                     | 0.34                      | 5435.17                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-22   | 14-May-12 | 5450.19             | 14.87                              | 15.12                     | 0.25                      | 5435.28                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-22   | 08-Aug-12 | 5450.19             | 15.10                              | 15.70                     | 0.60                      | 5434.99                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-22   | 14-Nov-12 | 5450.19             | 15.20                              | 15.85                     | 0.65                      | 5434.88                       | Not Sampled - NAPL Present |                      |                               |               |             |                              |
| TW-22   | 06-Feb-13 | 5450.19             | 15.12                              | 15.36                     | 0.24                      | 5435.03                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
|         |           |                     |                                    |                           |                           |                               |                            |                      |                               |               |             |                              |
| TW-23   | 29-Feb-12 | 5443.64             |                                    | 9.01                      |                           | 5434.63                       | NM                         | NM                   | NM                            | NM            | NM          | NM                           |
| TW-23   | 14-May-12 | 5443.64             | Not Measured - Root Growth at 9.0' |                           |                           |                               |                            |                      |                               |               |             |                              |
| TW-23   | 08-Aug-12 | 5443.64             | Not Measured - Root Growth at 9.0' |                           |                           |                               |                            |                      |                               |               |             |                              |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i>                  | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|----------------------------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| <b>TW-23</b>   | 14-Nov-12   | 5443.64                     | Not Measured - Root Growth at 9.0'   |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-23</b>   | 06-Feb-13   | 5443.64                     | Not Measured - Root Growth at 9.0'   |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-24</b>   | 29-Feb-12   | 5444.79                     | 11.08                                | 11.10                              | 0.02                               | 5433.71                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-24</b>   | 14-May-12   | 5444.79                     |                                      | 11.07                              |                                    | 5433.72                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-24</b>   | 08-Aug-12   | 5444.79                     | 11.34                                | 11.44                              | 0.10                               | 5433.43                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-24</b>   | 14-Nov-12   | 5444.79                     | 11.37                                | 11.47                              | 0.10                               | 5433.40                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-24</b>   | 06-Feb-13   | 5444.79                     |                                      | 11.15                              |                                    | 5433.64                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-25</b>   | 29-Feb-12   | 5448.80                     | 14.25                                | 14.71                              | 0.46                               | 5434.47                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-25</b>   | 14-May-12   | 5448.80                     | 14.16                                | 14.45                              | 0.29                               | 5434.59                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-25</b>   | 08-Aug-12   | 5448.80                     | 14.35                                | 15.15                              | 0.80                               | 5434.31                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-25</b>   | 14-Nov-12   | 5448.80                     | 14.43                                | 15.31                              | 0.88                               | 5434.22                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-25</b>   | 06-Feb-13   | 5448.80                     | 14.36                                | 14.87                              | 0.51                               | 5434.35                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-26</b>   | 29-Feb-12   | 5450.34                     | 15.94                                | 16.85                              | 0.91                               | 5434.24                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-26</b>   | 14-May-12   | 5450.34                     | 15.86                                | 16.64                              | 0.78                               | 5434.35                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-26</b>   | 08-Aug-12   | 5450.34                     | 16.02                                | 17.42                              | 1.40                               | 5434.08                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-26</b>   | 14-Nov-12   | 5450.34                     | 16.12                                | 17.62                              | 1.50                               | 5433.96                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-26</b>   | 06-Feb-13   | 5450.34                     | 16.07                                | 17.18                              | 1.11                               | 5434.08                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-28</b>   | 29-Feb-12   | 5449.24                     | 15.33                                | 16.46                              | 1.13                               | 5433.71                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-28</b>   | 14-May-12   | 5449.24                     | 15.26                                | 16.19                              | 0.93                               | 5433.82                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-28</b>   | 08-Aug-12   | 5449.24                     | 15.39                                | 16.81                              | 1.42                               | 5433.60                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-28</b>   | 14-Nov-12   | 5449.24                     | 15.50                                | 17.06                              | 1.56                               | 5433.47                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-28</b>   | 06-Feb-13   | 5449.24                     | 15.45                                | 16.74                              | 1.29                               | 5433.57                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i>                  | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|----------------------------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| <b>TW-29</b>   | 29-Feb-12   | 5441.87                     | 9.37                                 | 9.78                               | 0.41                               | 5432.43                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-29</b>   | 14-May-12   | 5441.87                     | 9.23                                 | 9.42                               | 0.19                               | 5432.61                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-29</b>   | 08-Aug-12   | 5441.87                     | 9.40                                 | 10.30                              | 0.90                               | 5432.31                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-29</b>   | 14-Nov-12   | 5441.87                     | 9.51                                 | 10.50                              | 0.99                               | 5432.19                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-29</b>   | 06-Feb-13   | 5441.87                     | 9.38                                 | 9.71                               | 0.33                               | 5432.43                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-30</b>   | 28-Feb-12   | 5437.93                     |                                      | 6.18                               |                                    | 5431.75                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-30</b>   | 14-May-12   | 5437.93                     |                                      | 5.96                               |                                    | 5431.97                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-30</b>   | 08-Aug-12   | 5437.93                     |                                      | 6.40                               |                                    | 5431.53                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-30</b>   | 09-Nov-12   | 5437.93                     |                                      | 6.48                               |                                    | 5431.45                                | 7.70                       | 5.352                        | 0.48                                   | 11.64                 | -50.5               | 5.5                                   |
| <b>TW-30</b>   | 06-Feb-13   | 5437.93                     |                                      | 6.23                               |                                    | 5431.70                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-31</b>   | 28-Feb-12   | 5438.54                     |                                      | 7.11                               |                                    | 5431.43                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-31</b>   | 14-May-12   | 5438.54                     |                                      | 6.76                               |                                    | 5431.78                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-31</b>   | 08-Aug-12   | 5438.54                     |                                      | 7.18                               |                                    | 5431.36                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-31</b>   | 09-Nov-12   | 5438.54                     |                                      | 7.36                               |                                    | 5431.18                                | 7.64                       | 4.072                        | 0.23                                   | 14.46                 | -47.7               | 3.0                                   |
| <b>TW-31</b>   | 06-Feb-13   | 5438.54                     |                                      | 7.17                               |                                    | 5431.37                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-32</b>   | 29-Feb-12   | 5441.61                     | 9.27                                 | 10.72                              | 1.45                               | 5432.09                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-32</b>   | 14-May-12   | 5441.61                     | 9.13                                 | 10.47                              | 1.34                               | 5432.25                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-32</b>   | 10-Aug-12   | 5441.61                     | 9.34                                 | 10.79                              | 1.45                               | 5432.02                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-32</b>   | 06-Feb-13   | 5441.61                     | 9.36                                 | 10.72                              | 1.36                               | 5432.01                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-33</b>   | 29-Feb-12   | 5445.85                     | 13.10                                | 13.15                              | 0.05                               | 5432.74                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-33</b>   | 14-May-12   | 5445.85                     | 12.93                                | 12.98                              | 0.05                               | 5432.91                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-33</b>   | 08-Aug-12   | 5445.85                     | 13.10                                | 13.40                              | 0.30                               | 5432.70                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-33</b>   | 09-Nov-12   | 5445.85                     | 13.22                                | 13.50                              | 0.28                               | 5432.58                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-33</b>   | 06-Feb-13   | 5445.85                     | 13.14                                | 13.39                              | 0.25                               | 5432.67                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i>                  | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|----------------------------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-34</b>   | 29-Feb-12   | 5455.80                     |                                      | 19.91                              |                                    | 5435.89                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-34</b>   | 22-May-12   | 5455.80                     |                                      | 19.99                              |                                    | 5435.81                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-34</b>   | 10-Aug-12   | 5455.80                     |                                      | 20.55                              |                                    | 5435.25                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-34</b>   | 09-Nov-12   | 5455.80                     |                                      | 20.38                              |                                    | 5435.42                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-34</b>   | 06-Feb-13   | 5455.80                     |                                      | 20.18                              |                                    | 5435.62                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-35</b>   | 29-Feb-12   | 5449.14                     |                                      | 15.28                              |                                    | 5433.86                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-35</b>   | 22-May-12   | 5449.14                     |                                      | 15.51                              |                                    | 5433.63                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-35</b>   | 10-Aug-12   | 5449.14                     | 15.35                                | 15.98                              | 0.63                               | 5433.68                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-35</b>   | 09-Nov-12   | 5449.14                     | 15.45                                | 16.01                              | 0.56                               | 5433.59                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-35</b>   | 06-Feb-13   | 5449.14                     | 15.34                                | 16.02                              | 0.68                               | 5433.68                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-36</b>   | 29-Feb-12   | 5441.91                     | 13.14                                | 13.22                              | 0.08                               | 5428.76                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-36</b>   | 22-May-12   | 5441.91                     | 13.13                                | 13.30                              | 0.17                               | 5428.75                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| <b>TW-36</b>   | 10-Aug-12   | 5441.91                     | 13.32                                | 13.72                              | 0.40                               | 5428.52                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-36</b>   | 09-Nov-12   | 5441.91                     | 13.34                                | 13.74                              | 0.40                               | 5428.50                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-36</b>   | 06-Feb-13   | 5441.91                     | 13.23                                | 13.40                              | 0.17                               | 5428.65                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-37</b>   | 28-Feb-12   | 5439.59                     |                                      | 10.67                              |                                    | 5428.92                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-37</b>   | 17-May-12   | 5439.59                     |                                      | 10.59                              |                                    | 5429.00                                | 7.26                       | 3.124                        | 0.95                                   | 16.40                 | -25.8               | NM                                    |
| <b>TW-37</b>   | 10-Aug-12   | 5439.59                     |                                      | 10.80                              |                                    | 5428.79                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-37</b>   | 09-Nov-12   | 5439.59                     |                                      | 10.90                              |                                    | 5428.69                                | 7.60                       | 3.374                        | 0.13                                   | 16.17                 | -45.4               | 3.0                                   |
| <b>TW-37</b>   | 06-Feb-13   | 5439.59                     |                                      | 10.80                              |                                    | 5428.79                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| <b>TW-38</b>   | 29-Feb-12   | 5442.11                     | 11.58                                | 11.60                              | 0.02                               | 5430.53                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>TW-38</b>   | 14-May-12   | 5442.11                     |                                      | 11.56                              |                                    | 5430.55                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |



TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i>                  | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|----------------------------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| TW-38          | 10-Aug-12   | 5442.11                     | 11.64                                | 11.78                              | 0.14                               | 5430.45                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-38          | 09-Nov-12   | 5442.11                     | 11.77                                | 11.97                              | 0.20                               | 5430.31                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-38          | 06-Feb-13   | 5442.11                     | 11.69                                | 11.75                              | 0.06                               | 5430.41                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-39          | 28-Feb-12   | 5438.43                     |                                      | 7.87                               |                                    | 5430.56                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-39          | 14-May-12   | 5438.43                     |                                      | 7.30                               |                                    | 5431.13                                | 7.17                       | 3.934                        | 0.56                                   | 17.39                 | -20.7               | NM                                    |
| TW-39          | 10-Aug-12   | 5438.43                     |                                      | 7.91                               |                                    | 5430.52                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-39          | 09-Nov-12   | 5438.43                     |                                      | 8.16                               |                                    | 5430.27                                | 7.52                       | 3.510                        | 0.07                                   | 15.11                 | -40.6               | 3.0                                   |
| TW-39          | 06-Feb-13   | 5438.43                     |                                      | 7.93                               |                                    | 5430.50                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-40          | 29-Feb-12   | 5437.50                     | 7.86                                 | 8.33                               | 0.47                               | 5429.56                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| TW-40          | 14-May-12   | 5437.50                     | 7.27                                 | 7.55                               | 0.28                               | 5430.18                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| TW-40          | 10-Aug-12   | 5437.50                     | 7.82                                 | 7.89                               | 0.07                               | 5429.67                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-40          | 09-Nov-12   | 5437.50                     | 8.24                                 | 8.38                               | 0.14                               | 5429.24                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-40          | 06-Feb-13   | 5437.50                     | 7.97                                 | 8.00                               | 0.03                               | 5429.52                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-41          | 28-Feb-12   | 5434.77                     |                                      | 6.06                               |                                    | 5428.71                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-41          | 21-May-12   | 5434.77                     |                                      | 5.85                               |                                    | 5428.92                                | 7.08                       | 4.146                        | 0.26                                   | 16.69                 | -15.6               | NM                                    |
| TW-41          | 10-Aug-12   | 5434.77                     |                                      | 5.67                               |                                    | 5429.10                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-41          | 09-Nov-12   | 5434.77                     |                                      | 6.34                               |                                    | 5428.43                                | 7.40                       | 3.985                        | 0.15                                   | 14.72                 | -34.1               | 3.0                                   |
| TW-41          | 06-Feb-13   | 5434.77                     |                                      | 6.20                               |                                    | 5428.57                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-42          | 28-Feb-12   | 5433.76                     |                                      | 6.14                               |                                    | 5427.62                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-42          | 21-May-12   | 5433.76                     |                                      | 7.01                               |                                    | 5426.75                                | 7.18                       | 4.835                        | 0.19                                   | 14.92                 | -21.0               | NM                                    |
| TW-42          | 10-Aug-12   | 5433.76                     |                                      | 5.79                               |                                    | 5427.97                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-42          | 09-Nov-12   | 5433.76                     |                                      | 6.26                               |                                    | 5427.50                                | 7.55                       | 3.735                        | 1.10                                   | 8.63                  | -41.9               | 3.0                                   |
| TW-42          | 06-Feb-13   | 5433.76                     |                                      | 6.25                               |                                    | 5427.51                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i>                  | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|----------------------------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| TW-43          | 28-Feb-12   | 5440.42                     |                                      | 12.27                              |                                    | 5428.15                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-43          | 21-May-12   | 5440.42                     |                                      | 12.26                              |                                    | 5428.16                                | 7.11                       | 4.350                        | 0.88                                   | 15.95                 | -17.1               | NM                                    |
| TW-43          | 10-Aug-12   | 5440.42                     |                                      | 12.48                              |                                    | 5427.94                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-43          | 09-Nov-12   | 5440.42                     |                                      | 12.50                              |                                    | 5427.92                                | 7.36                       | 4.010                        | 1.50                                   | 12.73                 | -31.1               | 3.0                                   |
| TW-43          | 06-Feb-13   | 5440.42                     |                                      | 12.39                              |                                    | 5428.03                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-44          | 29-Feb-12   | 5444.08                     | 14.96                                | 16.17                              | 1.21                               | 5428.91                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| TW-44          | 14-May-12   | 5444.08                     | 14.98                                | 16.10                              | 1.12                               | 5428.91                                | Not Sampled - NAPL Present |                              |                                        |                       |                     |                                       |
| TW-44          | 10-Aug-12   | 5444.08                     | 15.10                                | 16.48                              | 1.38                               | 5428.74                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-44          | 12-Nov-12   | 5444.08                     | 15.15                                | 16.59                              | 1.44                               | 5428.68                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-44          | 06-Feb-13   | 5444.08                     | 15.07                                | 16.31                              | 1.24                               | 5428.80                                | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-45          | 29-Feb-12   | TBS                         |                                      | 7.02                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-45          | 21-May-12   | TBS                         |                                      | 7.08                               |                                    |                                        | 7.18                       | 5.029                        | 1.88                                   | 15.13                 | -21.1               | NM                                    |
| TW-45          | 10-Aug-12   | TBS                         |                                      | 7.30                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-45          | 12-Nov-12   | TBS                         |                                      | 7.28                               |                                    |                                        | 7.43                       | 3.867                        | 1.30                                   | 12.48                 | -35.2               | 3.0                                   |
| TW-45          | 11-Feb-13   | TBS                         |                                      | 7.11                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-46          | 29-Feb-12   | TBS                         |                                      | 7.36                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-46          | 21-May-12   | TBS                         |                                      | 7.37                               |                                    |                                        | 7.14                       | 4.727                        | 0.60                                   | 15.22                 | -18.7               | NM                                    |
| TW-46          | 10-Aug-12   | TBS                         |                                      | 7.52                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-46          | 12-Nov-12   | TBS                         |                                      | 7.56                               |                                    |                                        | 7.59                       | 4.095                        | 0.79                                   | 13.71                 | -44.7               | 3.0                                   |
| TW-46          | 11-Feb-13   | TBS                         |                                      | 7.45                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |                            |                              |                                        |                       |                     |                                       |
| TW-47          | 29-Feb-12   | TBS                         |                                      | 6.72                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-47          | 22-May-12   | TBS                         |                                      | 7.84                               |                                    |                                        | NM                         | NM                           | NM                                     | NM                    | NM                  | NM                                    |

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SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i> | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|-----------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| TW-47          | 13-Aug-12   | TBS                         |                                      | 7.15                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-47          | 12-Nov-12   | TBS                         |                                      | 7.05                               |                                    |                                        | 7.50      | 8.861                        | 1.23                                   | 14.15                 | -39.7               | 3.0                                   |
| TW-47          | 11-Feb-13   | TBS                         |                                      | 6.88                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-48          | 28-Feb-12   | TBS                         |                                      | 7.28                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-48          | 22-May-12   | TBS                         |                                      | 7.08                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-48          | 13-Aug-12   | TBS                         | Not Measured - Root Growth at 7.0'   |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-48          | 12-Nov-12   | TBS                         | Not Measured - Root Growth at 7.0'   |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-48          | 11-Feb-13   | TBS                         | Not Measured - Root Growth at 7.0'   |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-49          | 29-Feb-12   | TBS                         |                                      | 6.11                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-49          | 22-May-12   | TBS                         |                                      | 6.10                               |                                    |                                        | 7.08      | 6.360                        | 1.35                                   | 14.30                 | -15.6               | NM                                    |
| TW-49          | 13-Aug-12   | TBS                         |                                      | 6.49                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-49          | 12-Nov-12   | TBS                         |                                      | 6.41                               |                                    |                                        | 7.28      | 7.350                        | 2.72                                   | 10.35                 | -26.6               | 3.0                                   |
| TW-49          | 11-Feb-13   | TBS                         |                                      | 6.25                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-50          | 28-Feb-12   | TBS                         |                                      | 7.98                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-50          | 22-May-12   | TBS                         |                                      | 7.58                               |                                    |                                        | 7.15      | 5.354                        | 0.45                                   | 16.25                 | -19.7               | NM                                    |
| TW-50          | 13-Aug-12   | TBS                         |                                      | 7.94                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-50          | 12-Nov-12   | TBS                         |                                      | 8.28                               |                                    |                                        | 7.56      | 4.756                        | 1.59                                   | 11.69                 | -42.5               | 3.0                                   |
| TW-50          | 11-Feb-13   | TBS                         |                                      | 8.06                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-51          | 13-Aug-12   | TBS                         |                                      | 7.26                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| TW-51          | 12-Nov-12   | TBS                         |                                      | 7.22                               |                                    |                                        | 7.31      | 5.519                        | 0.34                                   | 13.70                 | -28.8               | 3.0                                   |
| TW-51          | 11-Feb-13   | TBS                         |                                      | 7.08                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| TW-52          | 12-Nov-12   | TBS                         |                                      | 7.72                               |                                    |                                        | 7.70      | 5.338                        | 5.66                                   | 12.03                 | -50.3               | 2.0                                   |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <b>Well ID</b> | <b>Date</b> | <b>T.O.C.<br/>(ft amsl)</b> | <b>Depth to<br/>Product<br/>(ft)</b> | <b>Depth to<br/>Water<br/>(ft)</b> | <b>NAPL<br/>Thickness<br/>(ft)</b> | <b>Corrected<br/>GW<br/>Elev. (ft)</b> | <b>pH</b> | <b>Conductivity<br/>(mS)</b> | <b>Dissolved<br/>Oxygen<br/>(mg/L)</b> | <b>Temp.<br/>(°C)</b> | <b>ORP<br/>(mV)</b> | <b>Purge<br/>Volume<br/>(gallons)</b> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|-----------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| <b>TW-52</b>   | 11-Feb-13   | TBS                         |                                      | 7.52                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>TW-53</b>   | 11-Feb-13   | TBS                         |                                      | 7.24                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>TW-54</b>   | 11-Feb-13   | TBS                         |                                      | 7.66                               |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>MW-5</b>    | 28-Feb-12   | 5428.97                     |                                      | 5.09                               |                                    | 5423.88                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-5</b>    | 22-May-12   | 5428.97                     |                                      | 5.13                               |                                    | 5423.84                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-5</b>    | 13-Aug-12   | 5428.97                     |                                      | 5.24                               |                                    | 5423.73                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-5</b>    | 12-Nov-12   | 5428.97                     |                                      | DRY                                |                                    |                                        | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-5</b>    | 11-Feb-13   | 5428.97                     |                                      | 5.19                               |                                    | 5423.78                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>MW-7</b>    | 28-Feb-12   | 5435.28                     |                                      | 8.69                               |                                    | 5426.59                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-7</b>    | 22-May-12   | 5435.28                     |                                      | 8.08                               |                                    | 5427.20                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-7</b>    | 13-Aug-12   | 5435.28                     |                                      | 8.84                               |                                    | 5426.44                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-7</b>    | 12-Nov-12   | 5435.28                     |                                      | 9.09                               |                                    | 5426.19                                | 7.39      | 4.585                        | 1.20                                   | 13.05                 | -33.4               | 3.0                                   |
| <b>MW-7</b>    | 11-Feb-13   | 5435.28                     |                                      | 8.88                               |                                    | 5426.40                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>MW-20</b>   | 29-Feb-12   | 5430.45                     |                                      | 5.99                               |                                    | 5424.46                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-20</b>   | 21-May-12   | 5430.45                     |                                      | 6.04                               |                                    | 5424.41                                | 7.09      | 4.748                        | 0.38                                   | 14.15                 | -15.8               | NM                                    |
| <b>MW-20</b>   | 13-Aug-12   | 5430.45                     |                                      | 6.13                               |                                    | 5424.32                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-20</b>   | 12-Nov-12   | 5430.45                     |                                      | 6.19                               |                                    | 5424.26                                | 7.33      | 4.164                        | 0.39                                   | 12.81                 | -29.5               | 3.0                                   |
| <b>MW-20</b>   | 11-Feb-13   | 5430.45                     |                                      | 6.09                               |                                    | 5424.36                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
|                |             |                             |                                      |                                    |                                    |                                        |           |                              |                                        |                       |                     |                                       |
| <b>MW-21</b>   | 29-Feb-12   | 5428.62                     |                                      | 3.52                               |                                    | 5425.1                                 | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |
| <b>MW-21</b>   | 21-May-12   | 5428.62                     |                                      | 3.50                               |                                    | 5425.12                                | 7.21      | 6.073                        | 0.99                                   | 15.48                 | -23.1               | NM                                    |
| <b>MW-21</b>   | 13-Aug-12   | 5428.62                     |                                      | 3.88                               |                                    | 5424.74                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |

TABLE 2  
SUMMARY OF RECENT GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA  
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

| <i>Well ID</i> | <i>Date</i> | <i>T.O.C.<br/>(ft amsl)</i> | <i>Depth to<br/>Product<br/>(ft)</i> | <i>Depth to<br/>Water<br/>(ft)</i> | <i>NAPL<br/>Thickness<br/>(ft)</i> | <i>Corrected<br/>GW<br/>Elev. (ft)</i> | <i>pH</i> | <i>Conductivity<br/>(mS)</i> | <i>Dissolved<br/>Oxygen<br/>(mg/L)</i> | <i>Temp.<br/>(°C)</i> | <i>ORP<br/>(mV)</i> | <i>Purge<br/>Volume<br/>(gallons)</i> |
|----------------|-------------|-----------------------------|--------------------------------------|------------------------------------|------------------------------------|----------------------------------------|-----------|------------------------------|----------------------------------------|-----------------------|---------------------|---------------------------------------|
| <b>MW-21</b>   | 12-Nov-12   | 5428.62                     |                                      | 3.86                               |                                    | 5424.76                                | 7.27      | 4.794                        | 1.02                                   | 12.85                 | -26.3               | 3.0                                   |
| <b>MW-21</b>   | 11-Feb-13   | 5428.62                     |                                      | 3.69                               |                                    | 5424.93                                | NM        | NM                           | NM                                     | NM                    | NM                  | NM                                    |





**FIGURE 1**

**GENERAL SITE PLAN**  
THRIFTWAY REFINERY  
626 ROAD 5500  
BLOOMFIELD, NEW MEXICO

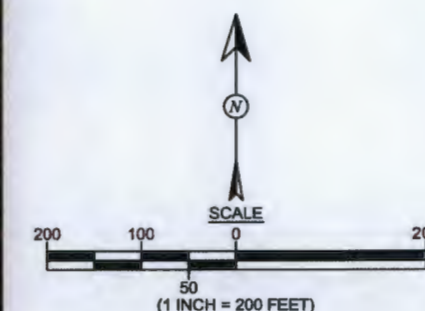


Animas Environmental Services, LLC

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <b>DRAWN BY:</b><br>C. Lameman     | <b>DATE DRAWN:</b><br>May 14, 2013    |
| <b>REVISIONS BY:</b><br>C. Lameman | <b>DATE REVISED:</b><br>May 14, 2013  |
| <b>CHECKED BY:</b><br>D. Watson    | <b>DATE CHECKED:</b><br>May 14, 2013  |
| <b>APPROVED BY:</b><br>E. McNally  | <b>DATE APPROVED:</b><br>May 14, 2013 |

**LEGEND**

✦ MONITOR WELL LOCATIONS



AERIAL SOURCE: © 2012 PICTOMETRY INTERNATIONAL CORP. ONLINE, AERIAL DATE: APRIL 5, 2011.



**FIGURE 2**

**GROUNDWATER ELEVATION  
CONTOURS**  
**FEBRUARY 2013**  
THRIFTWAY REFINERY  
626 ROAD 5500  
BLOOMFIELD, NEW MEXICO



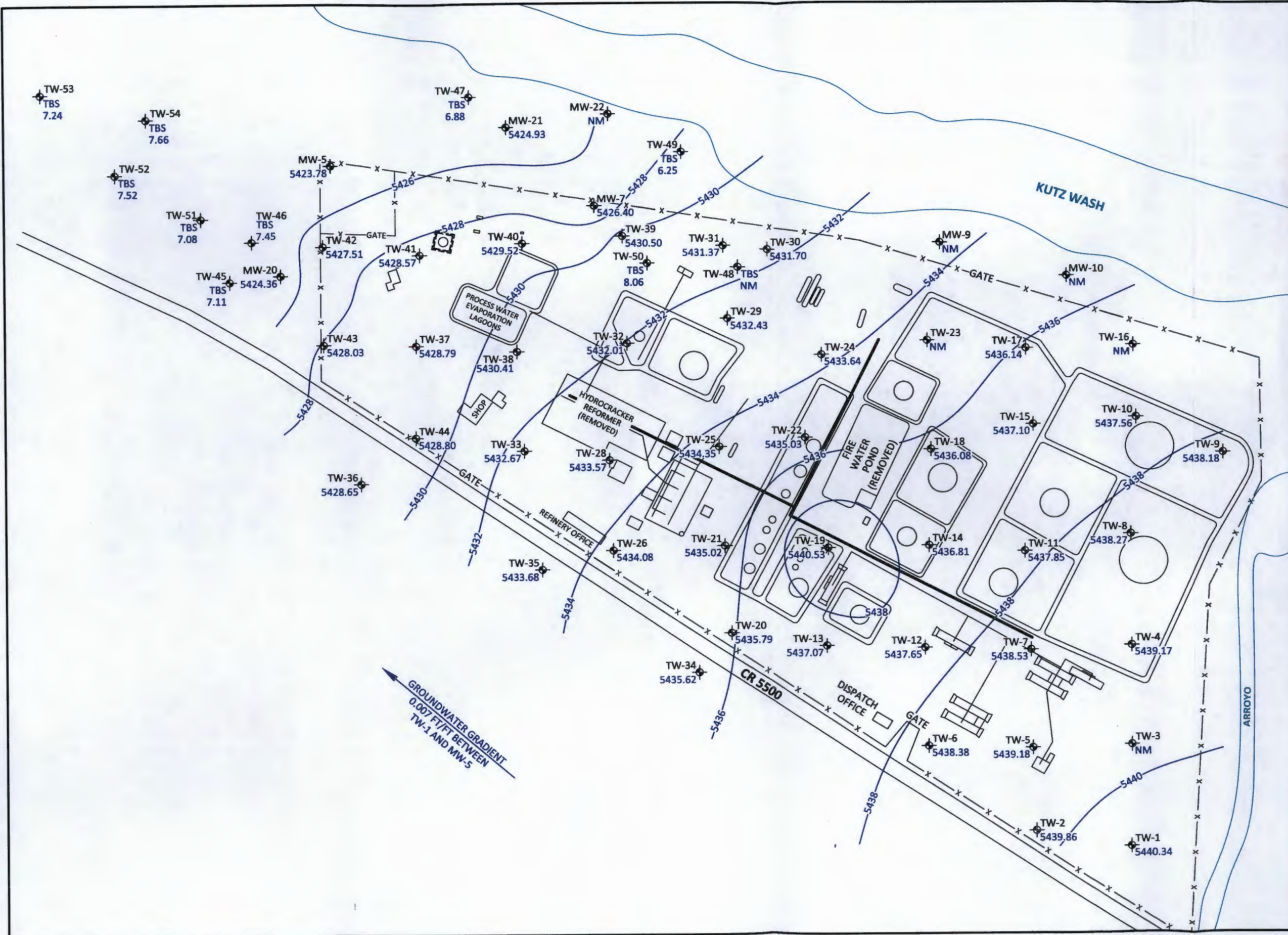
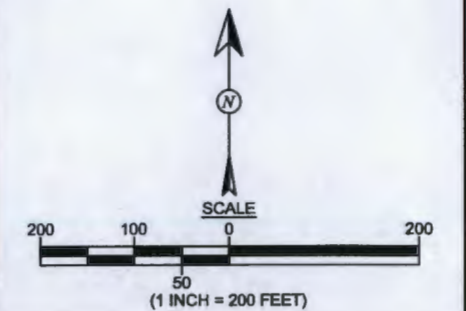
Animas Environmental Services, LLC

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <b>DRAWN BY:</b><br>C. Lameman     | <b>DATE DRAWN:</b><br>May 14, 2013    |
| <b>REVISIONS BY:</b><br>C. Lameman | <b>DATE REVISED:</b><br>May 14, 2013  |
| <b>CHECKED BY:</b><br>D. Watson    | <b>DATE CHECKED:</b><br>May 14, 2013  |
| <b>APPROVED BY:</b><br>E. McNally  | <b>DATE APPROVED:</b><br>May 14, 2013 |

**LEGEND**

- MONITOR WELL LOCATIONS
- 5440.34 GROUNDWATER ELEVATION IN FEET (AMSL)
- 5434 GROUNDWATER ELEVATION CONTOUR IN FEET (AMSL)

NOTE: GROUNDWATER MEASUREMENTS WERE MADE ON FEBRUARY 5, 6, AND 11, 2013. LOCATIONS OF TW-45 THROUGH TW-54 ARE APPROXIMATE.





**FIGURE 3**

**FREE PRODUCT THICKNESS  
CONTOURS  
FEBRUARY 2013**  
THRIFTWAY REFINERY  
626 ROAD 5500  
BLOOMFIELD, NEW MEXICO

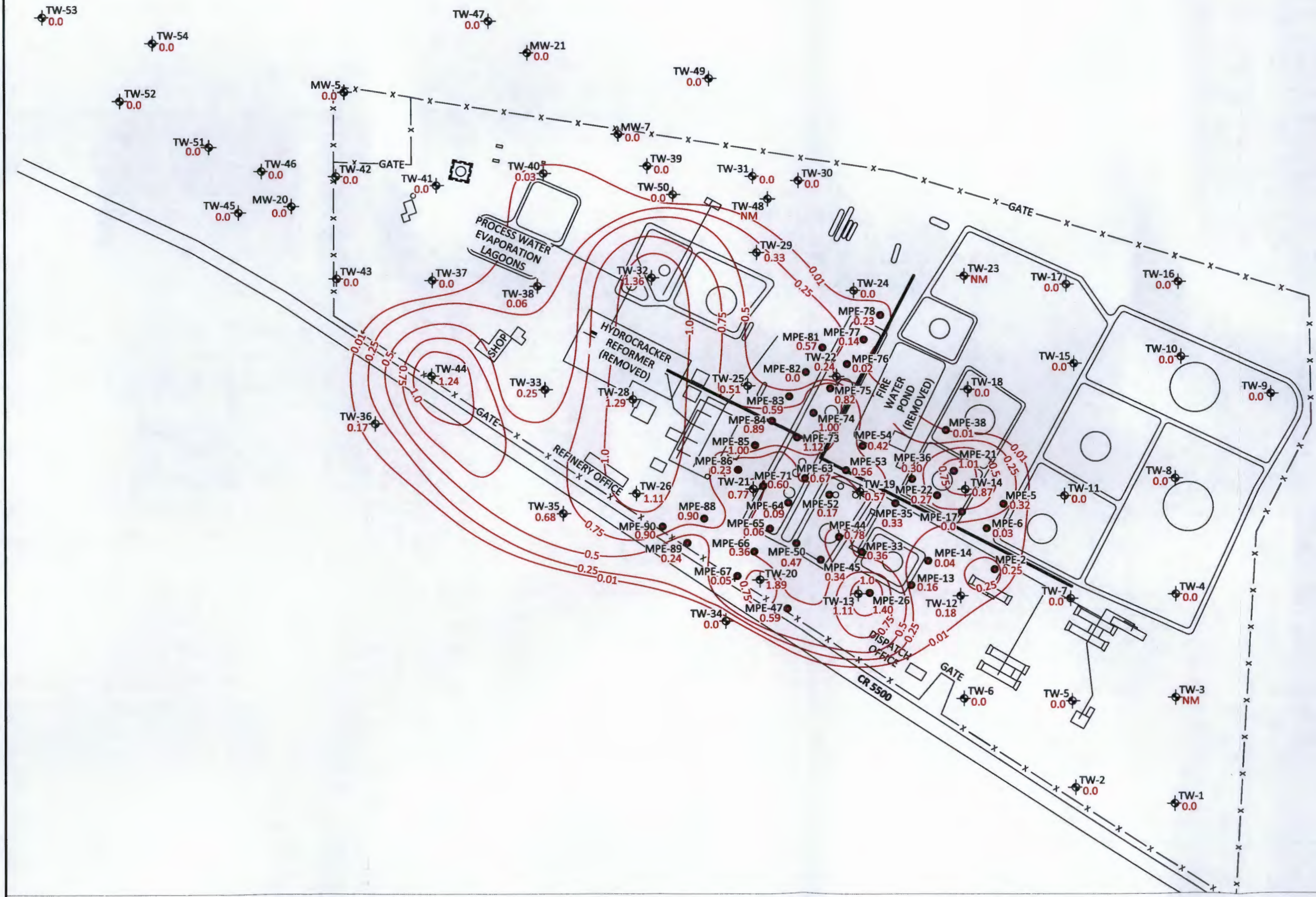
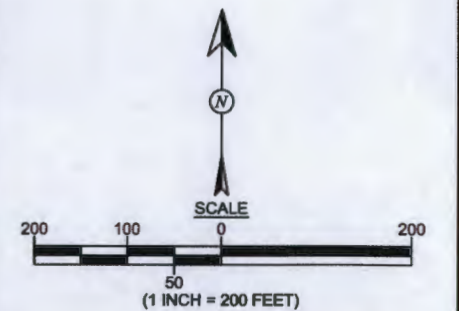


Animas Environmental Services, LLC

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <b>DRAWN BY:</b><br>C. Lameman     | <b>DATE DRAWN:</b><br>May 14, 2013    |
| <b>REVISIONS BY:</b><br>C. Lameman | <b>DATE REVISED:</b><br>May 14, 2013  |
| <b>CHECKED BY:</b><br>D. Watson    | <b>DATE CHECKED:</b><br>May 14, 2013  |
| <b>APPROVED BY:</b><br>E. McNally  | <b>DATE APPROVED:</b><br>May 14, 2013 |

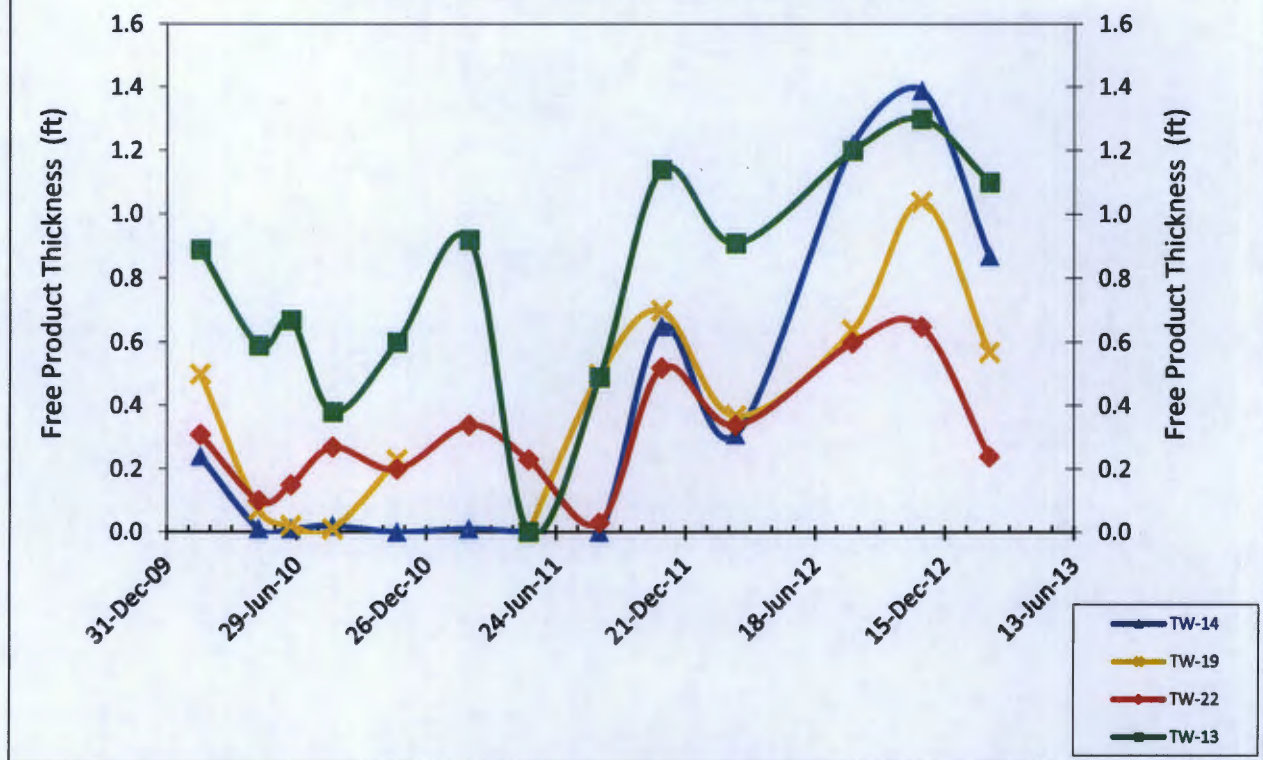
- LEGEND**
- MONITOR WELL LOCATIONS
  - MPE REMEDIATION WELL
  - 1.29 FREE PRODUCT THICKNESS IN FEET
  - 0.5 FREE PRODUCT THICKNESS CONTOUR IN FEET

NOTE: ALL MEASUREMENTS WERE MADE ON FEBRUARY 5, 6, 11, 13, 21, AND 22, 2013. LOCATIONS OF TW-45 THROUGH TW-54 ARE APPROXIMATE.





Graph 1. Selected Wells with Free Product Over Time,  
Former Thriftway Refinery #810, Bloomfield, NM





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

January 28, 2013

Debbie Watson  
Animas Environmental  
624 East Comanche  
Farmington, NM 87401  
TEL: (505) 486-4071  
FAX

RE: Thriftway Refinery #810

OrderNo.: 1301720

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 1/22/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order 1301720

Date Reported: 1/28/2013

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: TW-54

Project: Thriftway Refinery #810

Collection Date: 1/22/2013 12:51:00 PM

Lab ID: 1301720-001

Matrix: AQUEOUS

Received Date: 1/22/2013 3:54:00 PM

| Analyses                                     | Result | RL       | Qual | Units | DF | Date Analyzed        |
|----------------------------------------------|--------|----------|------|-------|----|----------------------|
| <b>EPA METHOD 8260: VOLATILES SHORT LIST</b> |        |          |      |       |    | Analyst: RAA         |
| Benzene                                      | ND     | 2.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| Toluene                                      | ND     | 2.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| Ethylbenzene                                 | ND     | 2.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| Methyl tert-butyl ether (MTBE)               | 19     | 2.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| Naphthalene                                  | ND     | 4.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| 1-Methylnaphthalene                          | ND     | 8.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| 2-Methylnaphthalene                          | ND     | 8.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| Xylenes, Total                               | ND     | 4.0      |      | µg/L  | 2  | 1/24/2013 3:54:06 AM |
| Surr: 1,2-Dichloroethane-d4                  | 88.9   | 70-130   |      | %REC  | 2  | 1/24/2013 3:54:06 AM |
| Surr: 4-Bromofluorobenzene                   | 100    | 69.5-130 |      | %REC  | 2  | 1/24/2013 3:54:06 AM |
| Surr: Dibromofluoromethane                   | 96.6   | 70-130   |      | %REC  | 2  | 1/24/2013 3:54:06 AM |
| Surr: Toluene-d8                             | 92.7   | 70-130   |      | %REC  | 2  | 1/24/2013 3:54:06 AM |

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1301720

Date Reported: 1/28/2013

CLIENT: Animas Environmental

Client Sample ID: TW-53

Project: Thriftway Refinery #810

Collection Date: 1/22/2013 1:12:00 PM

Lab ID: 1301720-002

Matrix: AQUEOUS

Received Date: 1/22/2013 3:54:00 PM

| Analyses                              | Result | RL       | Qual | Units | DF | Date Analyzed        |
|---------------------------------------|--------|----------|------|-------|----|----------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST |        |          |      |       |    | Analyst: RAA         |
| Benzene                               | ND     | 1.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| Toluene                               | ND     | 1.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| Ethylbenzene                          | ND     | 1.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| Methyl tert-butyl ether (MTBE)        | 16     | 1.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| Naphthalene                           | ND     | 2.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| 1-Methylnaphthalene                   | ND     | 4.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| 2-Methylnaphthalene                   | ND     | 4.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| Xylenes, Total                        | ND     | 2.0      |      | µg/L  | 1  | 1/24/2013 4:22:04 AM |
| Surr: 1,2-Dichloroethane-d4           | 89.7   | 70-130   |      | %REC  | 1  | 1/24/2013 4:22:04 AM |
| Surr: 4-Bromofluorobenzene            | 99.6   | 69.5-130 |      | %REC  | 1  | 1/24/2013 4:22:04 AM |
| Surr: Dibromofluoromethane            | 96.4   | 70-130   |      | %REC  | 1  | 1/24/2013 4:22:04 AM |
| Surr: Toluene-d8                      | 94.8   | 70-130   |      | %REC  | 1  | 1/24/2013 4:22:04 AM |

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1301720

28-Jan-13

Client: Animas Environmental

Project: Thriftway Refinery #810

|                                |        |                |           |             |                                       |          |           |      |          |      |
|--------------------------------|--------|----------------|-----------|-------------|---------------------------------------|----------|-----------|------|----------|------|
| Sample ID                      | 5ml-rb | SampType:      | MBLK      | TestCode:   | EPA Method 8260: Volatiles Short List |          |           |      |          |      |
| Client ID:                     | PBW    | Batch ID:      | R8228     | RunNo:      | 8228                                  |          |           |      |          |      |
| Prep Date:                     |        | Analysis Date: | 1/23/2013 | SeqNo:      | 237758                                | Units:   | µg/L      |      |          |      |
| Analyte                        | Result | PQL            | SPK value | SPK Ref Val | %REC                                  | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                        | ND     | 1.0            |           |             |                                       |          |           |      |          |      |
| Toluene                        | ND     | 1.0            |           |             |                                       |          |           |      |          |      |
| Ethylbenzene                   | ND     | 1.0            |           |             |                                       |          |           |      |          |      |
| Methyl tert-butyl ether (MTBE) | ND     | 1.0            |           |             |                                       |          |           |      |          |      |
| Naphthalene                    | ND     | 2.0            |           |             |                                       |          |           |      |          |      |
| 1-Methylnaphthalene            | ND     | 4.0            |           |             |                                       |          |           |      |          |      |
| 2-Methylnaphthalene            | ND     | 4.0            |           |             |                                       |          |           |      |          |      |
| Xylenes, Total                 | ND     | 2.0            |           |             |                                       |          |           |      |          |      |
| Surr: 1,2-Dichloroethane-d4    | 9.2    |                | 10.00     |             | 92.2                                  | 70       | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene     | 9.4    |                | 10.00     |             | 94.0                                  | 69.5     | 130       |      |          |      |
| Surr: Dibromofluoromethane     | 9.4    |                | 10.00     |             | 94.3                                  | 70       | 130       |      |          |      |
| Surr: Toluene-d8               | 9.4    |                | 10.00     |             | 93.6                                  | 70       | 130       |      |          |      |

|                             |           |                |           |             |                                       |          |           |      |          |      |
|-----------------------------|-----------|----------------|-----------|-------------|---------------------------------------|----------|-----------|------|----------|------|
| Sample ID                   | 100ng lcs | SampType:      | LCS       | TestCode:   | EPA Method 8260: Volatiles Short List |          |           |      |          |      |
| Client ID:                  | LCSW      | Batch ID:      | R8228     | RunNo:      | 8228                                  |          |           |      |          |      |
| Prep Date:                  |           | Analysis Date: | 1/23/2013 | SeqNo:      | 237759                                | Units:   | µg/L      |      |          |      |
| Analyte                     | Result    | PQL            | SPK value | SPK Ref Val | %REC                                  | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 19        | 1.0            | 20.00     | 0           | 97.2                                  | 70       | 130       |      |          |      |
| Toluene                     | 19        | 1.0            | 20.00     | 0           | 93.5                                  | 80       | 120       |      |          |      |
| Surr: 1,2-Dichloroethane-d4 | 8.9       |                | 10.00     |             | 89.2                                  | 70       | 130       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 9.2       |                | 10.00     |             | 92.4                                  | 69.5     | 130       |      |          |      |
| Surr: Dibromofluoromethane  | 9.4       |                | 10.00     |             | 94.0                                  | 70       | 130       |      |          |      |
| Surr: Toluene-d8            | 9.2       |                | 10.00     |             | 92.1                                  | 70       | 130       |      |          |      |

## Qualifiers:

- |                                              |                                                      |
|----------------------------------------------|------------------------------------------------------|
| * Value exceeds Maximum Contaminant Level.   | B Analyte detected in the associated Method Blank    |
| E Value above quantitation range             | H Holding times for preparation or analysis exceeded |
| J Analyte detected below quantitation limits | ND Not Detected at the Reporting Limit               |
| P Sample pH greater than 2                   | R RPD outside accepted recovery limits               |

| Chain-of-Custody Record                                                                                           |                                                                                  | Turn-Around Time: |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------|
| Client: <u>Animas Environmental Services</u>                                                                      | <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush _____ |                   |
| Mailing Address: <u>624 E Comanche</u><br><u>Farmington NM 87401</u>                                              | Project Name:<br><u># 810 Thriftway Refinery</u>                                 |                   |
| Phone #: <u>505 564 2281</u>                                                                                      | Project #:                                                                       |                   |
| email or Fax#: <u>505 324 2022</u>                                                                                | Project Manager:<br><u>Debbie Watson</u>                                         |                   |
| QA/QC Package:<br><input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation) | Sampler: <u>MTB</u>                                                              |                   |
| Accreditation<br><input type="checkbox"/> NELAP <input type="checkbox"/> Other _____                              | On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      |                   |
| <input type="checkbox"/> EDD (Type) _____                                                                         | Sample Temperature: <u>40</u>                                                    |                   |

☒ **Standard**      ☐ **Rush**

# 810 Thriftway Refinery

**Project Manager:**

Debbie Watson

Sampler: MB

On Ice: ☒ Yes ☐ No

Sample Temperature

| Container Type and # | Material | Quantity | Weight | Volume | Notes |
|----------------------|----------|----------|--------|--------|-------|
| 1                    | ...      | ...      | ...    | ...    | ...   |
| 2                    | ...      | ...      | ...    | ...    | ...   |
| 3                    | ...      | ...      | ...    | ...    | ...   |
| 4                    | ...      | ...      | ...    | ...    | ...   |
| 5                    | ...      | ...      | ...    | ...    | ...   |
| 6                    | ...      | ...      | ...    | ...    | ...   |
| 7                    | ...      | ...      | ...    | ...    | ...   |
| 8                    | ...      | ...      | ...    | ...    | ...   |
| 9                    | ...      | ...      | ...    | ...    | ...   |
| 10                   | ...      | ...      | ...    | ...    | ...   |
| 11                   | ...      | ...      | ...    | ...    | ...   |
| 12                   | ...      | ...      | ...    | ...    | ...   |
| 13                   | ...      | ...      | ...    | ...    | ...   |
| 14                   | ...      | ...      | ...    | ...    | ...   |
| 15                   | ...      | ...      | ...    | ...    | ...   |
| 16                   | ...      | ...      | ...    | ...    | ...   |
| 17                   | ...      | ...      | ...    | ...    | ...   |
| 18                   | ...      | ...      | ...    | ...    | ...   |
| 19                   | ...      | ...      | ...    | ...    | ...   |
| 20                   | ...      | ...      | ...    | ...    | ...   |
| 21                   | ...      | ...      | ...    | ...    | ...   |
| 22                   | ...      | ...      | ...    | ...    | ...   |
| 23                   | ...      | ...      | ...    | ...    | ...   |
| 24                   | ...      | ...      | ...    | ...    | ...   |
| 25                   | ...      | ...      | ...    | ...    | ...   |
| 26                   | ...      | ...      | ...    | ...    | ...   |
| 27                   | ...      | ...      | ...    | ...    | ...   |
| 28                   | ...      | ...      | ...    | ...    | ...   |
| 29                   | ...      | ...      | ...    | ...    | ...   |
| 30                   | ...      | ...      | ...    | ...    | ...   |
| 31                   | ...      | ...      | ...    | ...    | ...   |
| 32                   | ...      | ...      | ...    | ...    | ...   |
| 33                   | ...      | ...      | ...    | ...    | ...   |
| 34                   | ...      | ...      | ...    | ...    | ...   |
| 35                   | ...      | ...      | ...    | ...    | ...   |
| 36                   | ...      | ...      | ...    | ...    | ...   |
| 37                   | ...      | ...      | ...    | ...    | ...   |
| 38                   | ...      | ...      | ...    | ...    | ...   |
| 39                   | ...      | ...      | ...    | ...    | ...   |
| 40                   | ...      | ...      | ...    | ...    | ...   |
| 41                   | ...      | ...      | ...    | ...    | ...   |
| 42                   | ...      | ...      | ...    | ...    | ...   |
| 43                   | ...      | ...      | ...    | ...    | ...   |
| 44                   | ...      | ...      | ...    | ...    | ...   |
| 45                   | ...      | ...      | ...    | ...    | ...   |
| 46                   | ...      | ...      | ...    | ...    | ...   |
| 47                   | ...      | ...      | ...    | ...    | ...   |
| 48                   | ...      | ...      | ...    | ...    | ...   |
| 49                   | ...      | ...      | ...    | ...    | ...   |
| 50                   | ...      | ...      | ...    | ...    | ...   |
| 51                   | ...      | ...      | ...    | ...    | ...   |
| 52                   | ...      | ...      | ...    | ...    | ...   |
| 53                   | ...      | ...      | ...    | ...    | ...   |
| 54                   | ...      | ...      | ...    | ...    | ...   |
| 55                   | ...      | ...      | ...    | ...    | ...   |
| 56                   | ...      | ...      | ...    | ...    | ...   |
| 57                   | ...      | ...      | ...    | ...    | ...   |
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| 59                   | ...      | ...      | ...    | ...    | ...   |
| 60                   | ...      | ...      | ...    | ...    | ...   |
| 61                   | ...      | ...      | ...    | ...    | ...   |
| 62                   | ...      | ...      | ...    | ...    | ...   |
| 63                   | ...      | ...      | ...    | ...    | ...   |
| 64                   | ...      | ...      | ...    | ...    | ...   |
| 65                   | ...      | ...      | ...    | ...    | ...   |
| 66                   | ...      | ...      | ...    | ...    | ...   |
| 67                   | ...      | ...      | ...    | ...    | ...   |
| 68                   | ...      | ...      | ...    | ...    | ...   |
| 69                   | ...      | ...      | ...    | ...    | ...   |
| 70                   | ...      | ...      | ...    | ...    | ...   |
| 71                   | ...      | ...      | ...    | ...    | ...   |
| 72                   | ...      | ...      | ...    | ...    | ...   |
| 73                   | ...      | ...      | ...    | ...    | ...   |
| 74                   | ...      | ...      | ...    | ...    | ...   |
| 75                   | ...      | ...      | ...    | ...    | ...   |
| 76                   | ...      | ...      | ...    | ...    | ...   |
| 77                   | ...      | ...      | ...    | ...    | ...   |
| 78                   | ...      | ...      | ...    | ...    | ...   |
| 79                   | ...      | ...      | ...    | ...    | ...   |
| 80                   | ...      | ...      | ...    | ...    | ...   |
| 81                   | ...      | ...      | ...    | ...    | ...   |
| 82                   | ...      | ...      | ...    | ...    | ...   |
| 83                   | ...      | ...      | ...    | ...    | ...   |
| 84                   | ...      | ...      | ...    | ...    | ...   |
| 85                   | ...      | ...      | ...    | ...    | ...   |
| 86                   | ...      | ...      | ...    | ...    | ...   |
| 87                   | ...      | ...      | ...    | ...    | ...   |
| 88                   | ...      | ...      | ...    | ...    | ...   |
| 89                   | ...      | ...      | ...    | ...    | ...   |
| 90                   | ...      | ...      | ...    | ...</  |       |

Preservative  
Type

HEAL No

1301720

3 VOAs

HCl

-ccol

3 VOA's

Hc 1

202

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901<sup>3</sup> Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

[illegible]

(1) - (N) - (1)

|         |       |                                                                                     |
|---------|-------|-------------------------------------------------------------------------------------|
| Date:   | Time: | Relinquished by:                                                                    |
| 1/22/13 | 1554  |  |

|         |       |                  |
|---------|-------|------------------|
| Date:   | Time: | Relinquished by: |
| 1/12/13 | 11:48 | Christie Waelen  |

|                   |         |      |
|-------------------|---------|------|
| Received by:      | Date    | Time |
| Alma Mater Doctor | 1/22/13 | 1554 |

|                                                                                     |          |       |
|-------------------------------------------------------------------------------------|----------|-------|
| Received by:                                                                        | Date     | Time  |
|  | 01/23/13 | 10:00 |

Remarks: per DLW invoice BioTech  
Change analysis to 8260-BTEX  
MTBE Total Naphthalenes 04/23/13

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.





*Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)*

January 30, 2013

Debbie Watson

Animas Environmental Services

624 East Comanche

Farmington, NM 87401

TEL: (505) 486-4071

FAX

RE: TW#810

OrderNo.: 1301797

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 1/24/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report**

Lab Order 1301797

Date Reported: 1/30/2013

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Animas Environmental Services**Client Sample ID:** TW-53**Project:** TW#810**Collection Date:** 1/23/2013 1:00:00 PM**Lab ID:** 1301797-001**Matrix:** AQUEOUS**Received Date:** 1/24/2013 10:00:00 AM

| Analyses                                   | Result | RL   | Qual | Units | DF  | Date Analyzed         |
|--------------------------------------------|--------|------|------|-------|-----|-----------------------|
| <b>EPA METHOD 300.0: ANIONS</b>            |        |      |      |       |     | Analyst: JRR          |
| Chloride                                   | 200    | 50   |      | mg/L  | 100 | 1/24/2013 8:51:13 PM  |
| Sulfate                                    | 3300   | 50   |      | mg/L  | 100 | 1/24/2013 8:51:13 PM  |
| <b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b> |        |      |      |       |     | Analyst: KS           |
| Total Dissolved Solids                     | 5730   | 40.0 | *    | mg/L  | 1   | 1/29/2013 12:15:00 PM |

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1301797

Date Reported: 1/30/2013

CLIENT: Animas Environmental Services

Client Sample ID: TW-54

Project: TW#810

Collection Date: 1/23/2013 12:50:00 PM

Lab ID: 1301797-002

Matrix: AQUEOUS

Received Date: 1/24/2013 10:00:00 AM

| Analyses                                   | Result | RL   | Qual | Units | DF  | Date Analyzed         |
|--------------------------------------------|--------|------|------|-------|-----|-----------------------|
| <b>EPA METHOD 300.0: ANIONS</b>            |        |      |      |       |     | Analyst: JRR          |
| Chloride                                   | 130    | 5.0  |      | mg/L  | 10  | 1/24/2013 9:03:38 PM  |
| Sulfate                                    | 2600   | 50   |      | mg/L  | 100 | 1/24/2013 9:16:03 PM  |
| <b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b> |        |      |      |       |     | Analyst: KS           |
| Total Dissolved Solids                     | 4500   | 40.0 | *    | mg/L  | 1   | 1/29/2013 12:15:00 PM |

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1301797

30-Jan-13

Client: Animas Environmental Services

Project: TW#810

|            |        |                |           |             |                          |          |           |      |          |      |
|------------|--------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID  | MB     | SampType:      | MBLK      | TestCode:   | EPA Method 300.0: Anions |          |           |      |          |      |
| Client ID: | PBW    | Batch ID:      | R8252     | RunNo:      | 8252                     |          |           |      |          |      |
| Prep Date: |        | Analysis Date: | 1/24/2013 | SeqNo:      | 238488                   | Units:   | mg/L      |      |          |      |
| Analyte    | Result | PQL            | SPK value | SPK Ref Val | %REC                     | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride   | ND     | 0.50           |           |             |                          |          |           |      |          |      |
| Sulfate    | ND     | 0.50           |           |             |                          |          |           |      |          |      |

|            |        |                |           |             |                          |          |           |      |          |      |
|------------|--------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID  | LCS    | SampType:      | LCS       | TestCode:   | EPA Method 300.0: Anions |          |           |      |          |      |
| Client ID: | LCSW   | Batch ID:      | R8252     | RunNo:      | 8252                     |          |           |      |          |      |
| Prep Date: |        | Analysis Date: | 1/24/2013 | SeqNo:      | 238489                   | Units:   | mg/L      |      |          |      |
| Analyte    | Result | PQL            | SPK value | SPK Ref Val | %REC                     | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride   | 4.7    | 0.50           | 5.000     | 0           | 94.4                     | 90       | 110       |      |          |      |
| Sulfate    | 9.5    | 0.50           | 10.00     | 0           | 94.9                     | 90       | 110       |      |          |      |

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1301797

30-Jan-13

Client: Animas Environmental Services

Project: TW#810

|                        |           |                |           |             |                                     |          |           |      |          |      |
|------------------------|-----------|----------------|-----------|-------------|-------------------------------------|----------|-----------|------|----------|------|
| Sample ID              | MB-5854   | SampType:      | MBLK      | TestCode:   | SM2540C MOD: Total Dissolved Solids |          |           |      |          |      |
| Client ID:             | PBW       | Batch ID:      | 5854      | RunNo:      | 8317                                |          |           |      |          |      |
| Prep Date:             | 1/27/2013 | Analysis Date: | 1/29/2013 | SeqNo:      | 240207                              | Units:   | mg/L      |      |          |      |
| Analyte                | Result    | PQL            | SPK value | SPK Ref Val | %REC                                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Solids | ND        | 20.0           |           |             |                                     |          |           |      |          |      |

|                        |           |                |           |             |                                     |          |           |      |          |      |
|------------------------|-----------|----------------|-----------|-------------|-------------------------------------|----------|-----------|------|----------|------|
| Sample ID              | LCS-5854  | SampType:      | LCS       | TestCode:   | SM2540C MOD: Total Dissolved Solids |          |           |      |          |      |
| Client ID:             | LCSW      | Batch ID:      | 5854      | RunNo:      | 8317                                |          |           |      |          |      |
| Prep Date:             | 1/27/2013 | Analysis Date: | 1/29/2013 | SeqNo:      | 240208                              | Units:   | mg/L      |      |          |      |
| Analyte                | Result    | PQL            | SPK value | SPK Ref Val | %REC                                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Solids | 1010      | 20.0           | 1000      | 0           | 101                                 | 80       | 120       |      |          |      |

|                        |                |                |           |             |                                     |          |           |      |          |      |
|------------------------|----------------|----------------|-----------|-------------|-------------------------------------|----------|-----------|------|----------|------|
| Sample ID              | 1301797-002AMS | SampType:      | MS        | TestCode:   | SM2540C MOD: Total Dissolved Solids |          |           |      |          |      |
| Client ID:             | TW-54          | Batch ID:      | 5854      | RunNo:      | 8317                                |          |           |      |          |      |
| Prep Date:             | 1/27/2013      | Analysis Date: | 1/29/2013 | SeqNo:      | 240212                              | Units:   | mg/L      |      |          |      |
| Analyte                | Result         | PQL            | SPK value | SPK Ref Val | %REC                                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Solids | 6530           | 40.0           | 2000      | 4496        | 102                                 | 80       | 120       |      |          |      |

|                        |                 |                |           |             |                                     |          |           |       |          |      |
|------------------------|-----------------|----------------|-----------|-------------|-------------------------------------|----------|-----------|-------|----------|------|
| Sample ID              | 1301797-002AMSD | SampType:      | MSD       | TestCode:   | SM2540C MOD: Total Dissolved Solids |          |           |       |          |      |
| Client ID:             | TW-54           | Batch ID:      | 5854      | RunNo:      | 8317                                |          |           |       |          |      |
| Prep Date:             | 1/27/2013       | Analysis Date: | 1/29/2013 | SeqNo:      | 240213                              | Units:   | mg/L      |       |          |      |
| Analyte                | Result          | PQL            | SPK value | SPK Ref Val | %REC                                | LowLimit | HighLimit | %RPD  | RPDLimit | Qual |
| Total Dissolved Solids | 6500            | 40.0           | 2000      | 4496        | 100                                 | 80       | 120       | 0.430 | 5        |      |

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

| Chain-of-Custody Record                                                                                           |                                                                                  | Turn-Around Time: |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------|
| Client: <u>Animas Environmental Services, LLC</u>                                                                 | <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush _____ |                   |
| Mailing Address: <u>624 E Comanche Farmington NM 87401</u>                                                        | Project Name: <u>TW#810</u>                                                      |                   |
| Phone #: <u>505 564 2281</u>                                                                                      | Project #:                                                                       |                   |
| email or Fax#:                                                                                                    | Project Manager: <u>D Watson</u>                                                 |                   |
| QA/QC Package:<br><input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation) | Sampler: <u>M. Beauparlant</u>                                                   |                   |
| Accreditation<br><input type="checkbox"/> NELAP <input type="checkbox"/> Other _____                              | On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      |                   |
| <input type="checkbox"/> EDD (Type) _____                                                                         | Sample Temperature: <u>1.8</u>                                                   |                   |

☒ **Standard**      ☐ **Rush**

⑧ TW#810

Project Manager:

D Watson

Sampler: M. Beauparlant

On Ice ☒ Yes ☐ No

Sample Temperature: 15

[illegible][illegible]

|         |       |                                                                                     |                                                                                     |          |      |
|---------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|------|
| Date:   | Time: | Relinquished by:                                                                    | Received by:                                                                        | Date     | Time |
| 1/23/13 | 1733  |  | Christopher Wallen                                                                  | 1/23/13  | 1733 |
| Date:   | Time: | Relinquished by:                                                                    | Received by:                                                                        | Date     | Time |
| 1/23/13 | 1748  | Christopher Wallen                                                                  |  | 01/24/13 | 1000 |

|          |                 |
|----------|-----------------|
| Remarks: | Ball to BroTech |
|----------|-----------------|

## HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975      Fax 505-345-4107

## Analysis Request