

AP - 116

05 / 21 / 2014

Q1 2014 GWMR

RECEIVED OGD
2014 MAY 30 P 2:05



Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche
Farmington, NM 87401
505-664-2281

Durango, Colorado
970-403-3084

May 21, 2014

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

**RE: 1st Quarter 2014 Remedial Progress Report
Thriftway Refinery (NMOCD AP-116)
626 County Road 5500, Bloomfield, New Mexico**

Dear Mr. von Gonten and Mr. Hansen:

Animas Environmental Services, LLC (AES) has prepared this 1st Quarter 2014 Remedial Progress Report detailing site activities during the first quarter of 2014 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 1st Quarter 2014 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 2014. A General Site Plan is included as Figure 1.

1.0 Groundwater Monitoring and Gauging in Monitor Wells

BioTech Remediation (BioTech) conducted groundwater monitoring and gauging of the monitor wells at the site on February 14 and 19, 2014. Based on the most recent sampling plan, monitoring and gauging events are scheduled during the first and third quarters, with groundwater sampling scheduled during the second and fourth quarters. The most recent sampling plan outlined sampling procedures through the end of 2013, and preparation of an updated sampling plan is currently in progress.

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 2014 in 18 wells, including TW-7, TW-12, TW-13, TW-14, TW-19 through TW-22, TW-25, TW-26, TW-28, TW-32, TW-33, TW-35, TW-38, TW-40, TW-44, and TW-50.

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)

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

ρ_w is the water density, assumed to be 1.0 (g/mL)

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 2014 ranged from 5,424.60 feet above mean sea level (AMSL) in MW-20 to 5,440.53 feet AMSL in TW-19. Groundwater elevations increased across the site by an average of 0.3 feet since the last sampling event in November and December 2013. Groundwater gradient was calculated between TW-1 and TW-42 with a magnitude of 0.006 ft/ft to the northwest for February 2014. 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 water table elevations adjusted to mean sea level. Groundwater elevation contours for February 2014 are included on Figure 2.

2.2 Free Product

Free product was measured in 18 monitor wells, and measured LNAPL thicknesses ranged from 0.02 feet in TW-38 to 1.41 feet in TW-20. Overall, free product thicknesses decreased in most of the wells by an average of about 0.3 feet since the November and December 2013 sampling event, with significant decreases noted in TW-13 and TW-29. Note that changes in measured free product thicknesses may be correlated with seasonal groundwater elevation increases across the site. Note that free product was observed for the first time in TW-7 (0.23 feet). Free product thickness contours for February 2014 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).

3.0 Measurement of Groundwater and Free Product in MPE Wells

BioTech personnel measured depth to groundwater in the MPE wells on February 21, 2014, and free product was noted in 45 MPE wells. Depth to water ranged from 8.78 feet below TOC in MPE-80 to 24.07 feet below TOC in MPE-1. During the February 2014 event, free product thickness ranged from 0.01 feet in MPE-51 up to 0.98 feet in MPE-37. Overall, free product thicknesses in MPE wells generally decreased an average of approximately 0.2 feet from the November and December 2013 sampling event. Note that free product was observed for the first time in MPE-58 (0.02 feet). MPE well data is included in Table 2.

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; however, only Engine #1 was initially utilized. The MPE remediation system (Engine #2) was brought online on May 11, 2012, and was in operation from May through November 2012, when it

was taken off-line for the winter season. During the week of March 6, 2013, Engine #2 was re-installed at the site. A total of approximately **30,054** 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 2014, therefore, no air samples were collected during that reporting period.

5.0 Phytoremediation Project

During March 2014, BioTech personnel and New Mexico State University (NMSU) Farmington Agricultural Science Center personnel prepared the site for additional poplar planting. Site preparation included:

- Submission of a New Mexico One Call request for the upcoming tree boring installation at the site.
- Installation of 100 soil borings.
- At the NMSU nursery, BioTech personnel pruned approximately 100 poplar trees in preparation for the early April 2014 planting.
- An extension of the irrigation system was also laid out and installed.

On April 1, 2014, BioTech and NMSU planted 100 poplar trees at the site. Following tree planting, BioTech turned on the irrigation system, which is operating at an approximate rate of 4 gallons per minute. Photos of the tree planting are included in the Appendix.

6.0 Summary and Conclusions

BioTech Remediation completed groundwater monitoring and gauging at the site in February 2014. Groundwater elevations in February 2014 increased by an average of 0.3 feet since November and December 2013 and are consistent with historical seasonal fluctuations. The groundwater gradient was calculated to be approximately 0.006 ft/ft in a northwest direction across the site, which is also consistent with historical site data.

In February 2014, free product was observed and measured in 18 monitor wells, including TW-7, TW-12, TW-13, TW-14, TW-19 through TW-22, TW-25, TW-26, TW-28, TW-32, TW-

33, TW-35, TW-38, TW-40, TW-44, and TW-50. Measured thicknesses ranged from 0.02 feet (TW-38) to 1.41 feet (TW-20). In February 2014, free product was also observed in 45 MPE remediation wells, with the greatest thickness measured in MPE-37 (0.98 feet). Note that overall, measured free product thicknesses in site monitor wells decreased by an average of about 0.3 feet in most wells and may be correlated with seasonal increases in groundwater elevations across the site. Free product thickness in remediation wells decreased an average of about 0.2 feet.

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 in April 2014. It is estimated that a total of **30,054** lbs of petroleum hydrocarbons have been mechanically removed from the site since system startup on March 10, 2010.

7.0 Recommendations and Scheduled Site Activities

The following items are scheduled during the 2nd Quarter of 2014:

1. Update the Interim Groundwater Sampling Plan.
2. Complete phytoremediation monitoring activities, which are scheduled for Spring 2014.
3. Conduct routine operations and maintenance on the MPE remediation system.

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

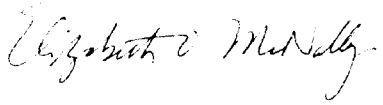
Sincerely,



David J. Reese
Environmental Scientist



Deborah Watson, P.G.
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 2014
- Figure 3. Free Product Thickness Contours, February 2014

Graphs

- Graph 1. Selected Wells with Free Product Over Time

Appendix

- Depth to Groundwater Measurement Forms
- Poplar Phytoremediation Project Photo Log, April 2014

cc:

Robert Moss
via email at robertgmoss@me.com
Thriftway Company
501 Airport Drive
Farmington, NM 87401

R:\Animas 2000\Dropbox\0000 Animas Server Dropbox EM\2014 Projects\Thriftway\810 Thriftway Refinery, Bloomfield NM\Reports\2014 Q1\Thriftway Refinery 1st Qtr 2014 Remedial Progress Rpt 052114.docx

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-1	15-Dec-08	5471.58		27.95		5443.63	6.24	2.772	7.51*	14.64	113.8	0.25
TW-1	26-Jan-09	5471.58		30.53		5441.05	NM	NM	NM	NM	NM	NM
TW-1	19-Aug-09	5471.58		30.73		5440.85	7.09	1.795	8.08	16.17	289.1	1.00
TW-1	19-Feb-10	5471.58		30.68		5440.90	NM	NM	NM	NM	NM	NM
TW-1	07-May-10	5471.58		30.43		5441.15	NM	NM	NM	NM	NM	NM
TW-1	18-Aug-10	5471.58		30.64		5440.94	NM	NM	NM	NM	NM	NM
TW-1	15-Nov-10	5471.58		30.88		5440.70	NM	NM	NM	NM	NM	NM
TW-1	17-Feb-11	5471.58		30.74		5440.84	NM	NM	NM	NM	NM	NM
TW-1	17-May-11	5471.58		30.62		5440.96	NM	NM	NM	NM	NM	NM
TW-1	22-Aug-11	5471.58		31.14		5440.44	NM	NM	NM	NM	NM	NM
TW-1	15-Nov-11	5471.58		31.11		5440.47	NM	NM	NM	NM	NM	NM
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-1	07-May-13	5471.58		31.00		5440.58	NM	NM	NM	NM	NM	NM
TW-1	05-Aug-13	5471.58		31.48		5440.10	NM	NM	NM	NM	NM	NM
TW-1	21-Nov-13	5471.58		31.38		5440.20	NM	NM	NM	NM	NM	NM
TW-1	14-Feb-14	5471.58		31.27		5440.31	NM	NM	NM	NM	NM	NM
TW-2	15-Dec-08	5469.31		28.91		5440.40	6.63	4.421	3.60	13.08	125.5	1.25
TW-2	26-Jan-09	5469.31		28.80		5440.51	NM	NM	NM	NM	NM	NM
TW-2	19-Aug-09	5469.31		28.97		5440.34	7.03	2.948	2.68	16.85	291.3	2.00
TW-2	19-Feb-10	5469.31		28.93		5440.38	NM	NM	NM	NM	NM	NM
TW-2	07-May-10	5469.31		28.71		5440.60	NM	NM	NM	NM	NM	NM
TW-2	18-Aug-10	5469.31		28.88		5440.43	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-2	15-Nov-10	5469.31		29.11		5440.20	NM	NM	NM	NM	NM	NM
TW-2	17-Feb-11	5469.31		28.97		5440.34	NM	NM	NM	NM	NM	NM
TW-2	17-May-11	5469.31		28.85		5440.46	NM	NM	NM	NM	NM	NM
TW-2	22-Aug-11	5469.31		29.34		5439.97	NM	NM	NM	NM	NM	NM
TW-2	15-Nov-11	5469.31		29.33		5439.98	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-2	07-May-13	5469.31		29.22		5440.09	NM	NM	NM	NM	NM	NM
TW-2	05-Aug-13	5469.31		29.68		5439.63	NM	NM	NM	NM	NM	NM
TW-2	21-Nov-13	5469.31		29.60		5439.71	NM	NM	NM	NM	NM	NM
TW-2	14-Feb-14	5469.31		29.49		5439.82	NM	NM	NM	NM	NM	NM
TW-3	15-Dec-08	5468.14		27.99		5440.15	6.63	4.249	2.01	14.44	-1.6	1.25
TW-3	26-Jan-09	5468.14		27.87		5440.27	NM	NM	NM	NM	NM	NM
TW-3	19-Aug-09	5468.14		28.05		5440.09	6.95	4.16	2.120	16.34	289.5	2.50
TW-3	19-Feb-10	5468.14		27.96		5440.18	NM	NM	NM	NM	NM	NM
TW-3	10-May-10	5468.14		27.73		5440.41	NM	NM	NM	NM	NM	NM
TW-3	18-Aug-10	5468.14		27.95		5440.19	NM	NM	NM	NM	NM	NM
TW-3	15-Nov-10	5468.14		28.16		5439.98	NM	NM	NM	NM	NM	NM
TW-3	17-Feb-11	5468.14		28.01		5440.13	NM	NM	NM	NM	NM	NM
TW-3	17-May-11	5468.14		27.88		5440.26	NM	NM	NM	NM	NM	NM
TW-3	22-Aug-11	5468.14		28.41		5439.73	NM	NM	NM	NM	NM	NM
TW-3	15-Nov-11	5468.14		28.67		5439.47	NM	NM	NM	NM	NM	NM
TW-3	29-Feb-12	5468.14		28.2		5439.94	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
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-3	07-May-13	5468.14		28.23		5439.91	NM	NM	NM	NM	NM	NM
TW-3	05-Aug-13	5468.14		28.23			NOT MEASURED - ROOT GROWTH AT 28'					
TW-3	21-Nov-13	5468.14		NM			NOT MEASURED - ROOT GROWTH AT 28'					
TW-3	14-Feb-14	5468.14		NM			NOT MEASURED - ROOT GROWTH AT 28'					
TW-4	16-Dec-08	5458.72		19.16		5439.56	6.67	7.258	4.09	13.40	170.6	1.25
TW-4	26-Jan-09	5458.72		NM			NM	NM	NM	NM	NM	NM
TW-4	19-Aug-09	5458.72		19.22		5439.50	7.08	6.739	4.19	16.19	289.9	4.30
TW-4	19-Feb-10	5458.72		19.09		5439.63	NM	NM	NM	NM	NM	NM
TW-4	10-May-10	5458.72		18.86		5439.86	NM	NM	NM	NM	NM	NM
TW-4	18-Aug-10	5458.72		19.12		5439.60	NM	NM	NM	NM	NM	NM
TW-4	15-Nov-10	5458.72		19.31		5439.41	NM	NM	NM	NM	NM	NM
TW-4	17-Feb-11	5458.72		19.12		5439.60	NM	NM	NM	NM	NM	NM
TW-4	17-May-11	5458.72		19.01		5439.71	NM	NM	NM	NM	NM	NM
TW-4	22-Aug-11	5458.72		19.53		5439.19	NM	NM	NM	NM	NM	NM
TW-4	15-Nov-11	5458.72		19.50		5439.22	NM	NM	NM	NM	NM	NM
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-4	07-May-13	5458.72		19.33		5439.39	NM	NM	NM	NM	NM	NM
TW-4	05-Aug-13	5458.72		19.84		5438.88	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-4	21-Nov-13	5458.72		19.77		5438.95	NM	NM	NM	NM	NM	NM
TW-4	14-Feb-14	5458.72		19.60		5439.12	NM	NM	NM	NM	NM	NM
TW-5	15-Dec-08	5465.18		25.54		5439.64	6.56	3.704	3.26	14.25	16.0	1.25
TW-5	26-Jan-09	5465.18		25.44		5439.74	NM	NM	NM	NM	NM	NM
TW-5	19-Aug-09	5465.18		25.58		5439.60	6.96	3.636	5.53	16.55	298.9	3.60
TW-5	19-Feb-10	5465.18		25.53		5439.65	NM	NM	NM	NM	NM	NM
TW-5	10-May-10	5465.18		25.31		5439.87	NM	NM	NM	NM	NM	NM
TW-5	18-Aug-10	5465.18		25.49		5439.69	NM	NM	NM	NM	NM	NM
TW-5	15-Nov-10	5465.18		25.70		5439.48	NM	NM	NM	NM	NM	NM
TW-5	17-Feb-11	5465.18		25.55		5439.63	NM	NM	NM	NM	NM	NM
TW-5	17-May-11	5465.18		25.42		5439.76	NM	NM	NM	NM	NM	NM
TW-5	22-Aug-11	5465.18		25.89		5439.29	NM	NM	NM	NM	NM	NM
TW-5	15-Nov-11	5465.18		25.93		5439.25	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
TW-5	02-Nov-12	5465.18		26.17		5439.01	NM	NM	NM	NM	NM	NM
TW-5	05-Feb-13	5465.18		26.00		5439.18	NM	NM	NM	NM	NM	NM
TW-5	05-Aug-13	5465.18		26.23		5438.95	NM	NM	NM	NM	NM	NM
TW-5	21-Nov-13	5465.18		26.18		5439.00	NM	NM	NM	NM	NM	NM
TW-5	14-Feb-14	5465.18		26.04		5439.14	NM	NM	NM	NM	NM	NM
TW-6	15-Dec-08	5463.57		24.78		5438.79	6.50	4.719	0.99	14.50	9.0	1.25
TW-6	26-Jan-09	5463.57		24.67		5438.90	NM	NM	NM	NM	NM	NM
TW-6	19-Aug-09	5463.57		24.82		5438.75	6.95	4.535	1.81	16.24	295.6	4.00
TW-6	19-Feb-10	5463.57		24.74		5438.83	NM	NM	NM	NM	NM	NM

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-6	10-May-10	5463.57		24.54		5439.03	NM	NM	NM	NM	NM	NM
TW-6	18-Aug-10	5463.57		24.73		5438.84	NM	NM	NM	NM	NM	NM
TW-6	15-Nov-10	5463.57		24.90		5438.67	NM	NM	NM	NM	NM	NM
TW-6	17-Feb-11	5463.57		24.57		5439.00	NM	NM	NM	NM	NM	NM
TW-6	17-May-11	5463.57		24.64		5438.93	NM	NM	NM	NM	NM	NM
TW-6	22-Aug-11	5463.57		25.10		5438.47	NM	NM	NM	NM	NM	NM
TW-6	15-Nov-11	5463.57		25.11		5438.46	NM	NM	NM	NM	NM	NM
TW-6	29-Feb-12	5463.57		24.94		5438.63	NM	NM	NM	NM	NM	NM
TW-6	11-May-12	5463.57		24.81		5438.76	NM	NM	NM	NM	NM	NM
TW-6	08-Aug-12	5463.57		25.23		5438.34	NM	NM	NM	NM	NM	NM
TW-6	02-Nov-12	5463.57		25.35		5438.22	NM	NM	NM	NM	NM	NM
TW-6	05-Feb-13	5463.57		25.19		5438.38	NM	NM	NM	NM	NM	NM
TW-6	07-May-13	5463.57		24.98		5438.59	NM	NM	NM	NM	NM	NM
TW-6	05-Aug-13	5463.57		29.42		5434.15	NM	NM	NM	NM	NM	NM
TW-6	21-Nov-13	5463.57		25.37		5438.20	NM	NM	NM	NM	NM	NM
TW-6	14-Feb-14	5463.57		25.22		5438.35	NM	NM	NM	NM	NM	NM
TW-7	15-Dec-08	5461.17		22.25		5438.92	6.47	5.302	0.82	14.88	0.8	1.25
TW-7	26-Jan-09	5461.17		22.14		5439.03	NM	NM	NM	NM	NM	NM
TW-7	19-Aug-09	5461.17		22.25		5438.92	6.92	4.780	1.67	16.37	290.3	3.00
TW-7	19-Feb-10	5461.17		22.17		5439.00	NM	NM	NM	NM	NM	NM
TW-7	10-May-10	5461.17		21.97		5439.20	NM	NM	NM	NM	NM	NM
TW-7	18-Aug-10	5461.17		22.17		5439.00	NM	NM	NM	NM	NM	NM
TW-7	15-Nov-10	5461.17		22.37		5438.80	NM	NM	NM	NM	NM	NM
TW-7	17-Feb-11	5461.17		22.78		5438.39	NM	NM	NM	NM	NM	NM
TW-7	18-May-11	5461.17		22.10		5439.07	7.19	3.455	0.49	14.65	-21.8	2
TW-7	22-Aug-11	5461.17		22.55		5438.62	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-7	17-Nov-11	5461.17		22.59		5438.58	7.25	3.321	1.66	11.31	-25.1	1.00
TW-7	29-Feb-12	5461.17		22.41		5438.76	NM	NM	NM	NM	NM	NM
TW-7	17-May-12	5461.17		22.28		5438.89	7.23	2.517	0.44	17.05	-24.5	NM
TW-7	08-Aug-12	5461.17		22.69		5438.48	NM	NM	NM	NM	NM	NM
TW-7	02-Nov-12	5461.17		22.83		5438.34	7.74	2.811	0.57	14.31	-53.2	2.0
TW-7	05-Feb-13	5461.17		22.64		5438.53	NM	NM	NM	NM	NM	NM
TW-7	09-May-13	5461.17		22.46		5438.71	7.31	1.860	0.54	16.12	-28.4	3.0
TW-7	05-Aug-13	5461.17		22.88		5438.29	NM	NM	NM	NM	NM	NM
TW-7	02-Dec-13	5461.17		22.90		5438.27	NM	NM	NM	NM	NM	NM
TW-7	14-Feb-14	5461.17	22.62	22.85	0.23	5438.51	NM	NM	NM	NM	NM	NM
TW-8	16-Dec-08	5458.29		19.76		5438.53	6.42	5.575	0.51	12.78	-258.2	1.25
TW-8	26-Jan-09	5458.29		19.62		5438.67	NM	NM	NM	NM	NM	NM
TW-8	20-Aug-09	5458.29		19.88		5438.41	7.12	4.523	1.40	14.52	264.7	4.00
TW-8	19-Feb-10	5458.29		19.59		5438.70	NM	NM	NM	NM	NM	NM
TW-8	10-May-10	5458.29		19.73		5438.56	NM	NM	NM	NM	NM	NM
TW-8	18-Aug-10	5458.29		19.72		5438.57	NM	NM	NM	NM	NM	NM
TW-8	15-Nov-10	5458.29		19.87		5438.42	NM	NM	NM	NM	NM	NM
TW-8	17-Feb-11	5458.29		20.21		5438.08	NM	NM	NM	NM	NM	NM
TW-8	18-May-11	5458.29		19.59		5438.70	7.13	4.364	0.25	13.05	-18.3	2
TW-8	22-Aug-11	5458.29		20.12		5438.17	NM	NM	NM	NM	NM	NM
TW-8	15-Nov-11	5458.29		20.03		5438.26	NM	NM	NM	NM	NM	NM
TW-8	19-Feb-12	5458.29		19.83		5438.46	NM	NM	NM	NM	NM	NM
TW-8	17-May-12	5458.29		19.75		5438.54	7.19	2.791	0.09	14.53	-21.6	NM
TW-8	08-Aug-12	5458.29		20.23		5438.06	NM	NM	NM	NM	NM	NM
TW-8	02-Nov-12	5458.29		20.30		5437.99	7.83	3.298	1.00	14.47	-58.9	3.6
TW-8	05-Feb-13	5458.29		20.02		5438.27	NM	NM	NM	NM	NM	NM

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-8	09-May-13	5458.29		19.84		5438.45	7.13	1.633	0.31	14.07	-18.6	3.0
TW-8	05-Aug-13	5458.29		20.42		5437.87	NM	NM	NM	NM	NM	NM
TW-8	02-Dec-13	5458.29		20.27		5438.02	7.86	1.219	0.44	10.98	-216.1	NM
TW-8	14-Feb-14	5458.29		20.04		5438.25	NM	NM	NM	NM	NM	NM
TW-9	16-Dec-08	5450.61		12.20		5438.41	6.90	3.473	2.27	14.53	15.6	1.25
TW-9	26-Jan-09	5450.61		12.05		5438.56	NM	NM	NM	NM	NM	NM
TW-9	20-Aug-09	5450.61		12.49		5438.12	7.57	2.397	1.33	16.93	269.2	2.50
TW-9	19-Feb-10	5450.61		11.99		5438.62	NM	NM	NM	NM	NM	NM
TW-9	10-May-10	5450.61		11.89		5438.72	NM	NM	NM	NM	NM	NM
TW-9	18-Aug-10	5450.61		12.30		5438.31	NM	NM	NM	NM	NM	NM
TW-9	15-Nov-10	5450.61		12.36		5438.25	NM	NM	NM	NM	NM	NM
TW-9	17-Feb-11	5450.61		12.09		5438.52	NM	NM	NM	NM	NM	NM
TW-9	17-May-11	5450.61		12.13		5438.48	NM	NM	NM	NM	NM	NM
TW-9	22-Aug-11	5450.61		12.77		5437.84	NM	NM	NM	NM	NM	NM
TW-9	15-Nov-11	5450.61		12.54		5438.07	NM	NM	NM	NM	NM	NM
TW-9	29-Feb-12	5450.61		12.28		5438.33	NM	NM	NM	NM	NM	NM
TW-9	11-May-12	5450.61		12.27		5438.34	NM	NM	NM	NM	NM	NM
TW-9	08-Aug-12	5450.61		12.85		5437.76	NM	NM	NM	NM	NM	NM
TW-9	02-Nov-12	5450.61		12.82		5437.79	NM	NM	NM	NM	NM	NM
TW-9	05-Feb-13	5450.61		12.43		5438.18	NM	NM	NM	NM	NM	NM
TW-9	07-May-13	5450.61		12.33		5438.28	NM	NM	NM	NM	NM	NM
TW-9	05-Aug-13	5450.61		13.04		5437.57	NM	NM	NM	NM	NM	NM
TW-9	21-Nov-13	5450.61		12.74		5437.87	NM	NM	NM	NM	NM	NM
TW-9	14-Feb-14	5450.61		12.46		5438.15	NM	NM	NM	NM	NM	NM
TW-10	16-Dec-08	5450.16		12.42		5437.74	6.49	3.876	0.98	11.97	-189.3	1.25

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-10	26-Jan-09	5450.16		12.25		5437.91	NM	NM	NM	NM	NM	NM
TW-10	20-Aug-09	5450.16		12.70		5437.46	7.37	4.019	1.42	16.75	254.7	4.00
TW-10	19-Feb-10	5450.16		12.19		5437.97	NM	NM	NM	NM	NM	NM
TW-10	10-May-10	5450.16		12.15		5438.01	NM	NM	NM	NM	NM	NM
TW-10	18-Aug-10	5450.16		12.52		5437.64	NM	NM	NM	NM	NM	NM
TW-10	15-Nov-10	5450.16		12.54		5437.62	NM	NM	NM	NM	NM	NM
TW-10	17-Feb-11	5450.16		12.87		5437.29	NM	NM	NM	NM	NM	NM
TW-10	17-May-11	5450.16		12.36		5437.80	NM	NM	NM	NM	NM	NM
TW-10	22-Aug-11	5450.16		12.94		5437.22	NM	NM	NM	NM	NM	NM
TW-10	15-Nov-11	5450.16		12.73		5437.43	NM	NM	NM	NM	NM	NM
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-10	07-May-13	5450.16		12.53		5437.63	NM	NM	NM	NM	NM	NM
TW-10	05-Aug-13	5450.16		13.20		5436.96	NM	NM	NM	NM	NM	NM
TW-10	21-Nov-13	5450.16		13.20		5436.96	NM	NM	NM	NM	NM	NM
TW-10	14-Feb-14	5450.16		12.62		5437.54	NM	NM	NM	NM	NM	NM
TW-11	16-Dec-08	5456.31		18.12		5438.19	6.75	6.941	1.41	14.32	72.0	1.25
TW-11	26-Jan-09	5456.31		18.02		5438.29	NM	NM	NM	NM	NM	NM
TW-11	20-Aug-09	5456.31		18.22		5438.09	7.43	6.704	2.52	15.35	261.4	4.00
TW-11	17-Feb-10	5456.31		18.04		5438.27	7.14	10.42	3.98	12.88	49.7	4.20
TW-11	11-May-10	5456.31		17.89		5438.42	7.22	6.44	2.32	13.25	232.1	3.75
TW-11	18-Aug-10	5456.31		18.04		5438.27	NM	NM	NM	NM	NM	NM
TW-11	15-Nov-10	5456.31		18.24		5438.07	NM	NM	NM	NM	NM	NM

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-11	17-Feb-11	5456.31		18.15		5438.16	NM	NM	NM	NM	NM	NM
TW-11	17-May-11	5456.31		18.01		5438.30	NM	NM	NM	NM	NM	NM
TW-11	23-Aug-11	5456.31		18.43		5437.88	NM	NM	NM	NM	NM	NM
TW-11	17-Nov-11	5456.31		18.44		5437.87	7.36	5.238	2.92	13.92	-31.4	1.00
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-11	07-May-13	5456.31		18.32		5437.99	NM	NM	NM	NM	NM	NM
TW-11	05-Aug-13	5456.31		18.75		5437.56	NM	NM	NM	NM	NM	NM
TW-11	21-Nov-13	5456.31		18.68		5437.63	NM	NM	NM	NM	NM	NM
TW-11	14-Feb-14	5456.31		18.48		5437.83	NM	NM	NM	NM	NM	NM
TW-12	15-Dec-08	5460.44		22.44		5438.00	6.49	4.247	0.95	16.15	-97.3	1.25
TW-12	26-Jan-09	5460.44	22.34	22.44	0.10	5438.08	NM	NM	NM	NM	NM	NM
TW-12	20-Aug-09	5460.44		22.50		5437.94	7.02	3.881	2.34	17.09	266.5	2.50
TW-12	17-Feb-10	5460.44		22.39		5438.05	6.94	5.727	1.46	15.59	206.2	3.00
TW-12	11-May-10	5460.44		22.21		5438.23	7.05	3.295	0.76	15.56	217.9	3.75
TW-12	19-Aug-10	5460.44		22.39		5438.05	6.93	3.343	0.55	16.74	399.3	2.50
TW-12	15-Nov-10	5460.44		22.54		5437.90	6.93	3.343	0.55	16.74	399.3	2.50
TW-12	17-Feb-11	5460.44		22.39		5438.05	NM	NM	NM	NM	NM	NM
TW-12	17-May-11	5460.44		22.30		5438.14	NM	NM	NM	NM	NM	NM
TW-12	22-Aug-11	5460.44		22.73		5437.71	NM	NM	NM	NM	NM	NM
TW-12	16-Nov-11	5460.44		22.74		5437.70	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

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
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-12	07-May-13	5460.44	22.61	22.75	0.14	5437.81	NM	NM	NM	NM	NM	NM
TW-12	05-Aug-13	5460.44	22.96	23.33	0.37	5437.42	NM	NM	NM	NM	NM	NM
TW-12	21-Nov-13	5460.44	22.92	23.21	0.29	5437.47	NM	NM	NM	NM	NM	NM
TW-12	14-Feb-14	5460.44	22.78	22.94	0.16	5437.63	NM	NM	NM	NM	NM	NM
TW-13	16-Dec-08	5458.17	20.64	21.48	0.84	5437.38	Not Sampled - NAPL Present					
TW-13	26-Jan-09	5458.17	20.52	21.46	0.94	5437.49	NM	NM	NM	NM	NM	NM
TW-13	12-Aug-09	5458.17	20.75	21.77	1.02	5437.24	NM	NM	NM	NM	NM	NM
TW-13	11-Nov-09	5458.17	20.76	21.86	1.10	5437.22	NM	NM	NM	NM	NM	NM
TW-13	15-Feb-10	5458.17	20.59	21.48	0.89	5437.43	NM	NM	NM	NM	NM	NM
TW-13	07-May-10	5458.17	20.44	21.03	0.59	5437.63	NM	NM	NM	NM	NM	NM
TW-13	21-Jun-10	5458.17	20.48	21.15	0.67	5437.57	NM	NM	NM	NM	NM	NM
TW-13	18-Aug-10	5458.17	20.77	21.15	0.38	5437.33	NM	NM	NM	NM	NM	NM
TW-13	15-Nov-10	5458.17	20.79	21.39	0.60	5437.28	NM	NM	NM	NM	NM	NM
TW-13	23-Feb-11	5458.17	20.58	21.50	0.92	5437.43	NM	NM	NM	NM	NM	NM
TW-13	18-May-11	5458.17		20.66		5437.51	Not Sampled - Sheen of NAPL Present					
TW-13	23-Aug-11	5458.17	21.08	21.57	0.49	5437.01	Not Sampled - NAPL Present					
TW-13	16-Nov-11	5458.17	20.90	22.04	1.14	5437.07	Not Sampled - NAPL Present					
TW-13	29-Feb-12	5458.17	20.79	21.70	0.91	5437.22	Not Sampled - NAPL Present					
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

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-13	07-May-13	5458.17	20.80	21.75	0.95	5437.21	NM	NM	NM	NM	NM	NM
TW-13	05-Aug-13	5458.17	21.20	22.43	1.23	5436.76	NM	NM	NM	NM	NM	NM
TW-13	03-Dec-13	5458.17	21.10	22.21	1.11	5436.88	NM	NM	NM	NM	NM	NM
TW-13	14-Feb-14	5458.17	20.85	20.95	0.10	5437.30	NM	NM	NM	NM	NM	NM
TW-14	16-Dec-08	5454.24		16.82		5437.42	Not Sampled - Sheen of NAPL present					
TW-14	26-Jan-09	5454.24	16.71	17.02	0.31	5437.48	NM	NM	NM	NM	NM	NM
TW-14	20-Aug-09	5454.24	16.89	17.02	0.13	5437.33	Not Sampled - NAPL present					
TW-14	11-Nov-09	5454.24	17.20	17.67	0.47	5436.96	NM	NM	NM	NM	NM	NM
TW-14	15-Feb-10	5454.24	16.98	17.22	0.24	5437.22	NM	NM	NM	NM	NM	NM
TW-14	11-May-10	5454.24		16.85	sheen	5437.39	7.25	3.49	0.11	16.95	214.6	NM
TW-14	18-Aug-10	5454.24	17.01	17.03	0.02	5437.23	NM	NM	NM	NM	NM	NM
TW-14	15-Nov-10	5454.24		17.17		5437.07	NM	NM	NM	NM	NM	NM
TW-14	17-Feb-11	5454.24	17.04	17.05	0.01	5437.20	NM	NM	NM	NM	NM	NM
TW-14	18-May-11	5454.24		16.99		5437.25	Not Sampled - Sheen of NAPL present					
TW-14	23-Aug-11	5454.24		17.48		5436.76	NM	NM	NM	NM	NM	NM
TW-14	16-Nov-11	5454.24	17.34	17.99	0.65	5436.79	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
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-14	07-May-13	5454.24	17.22	17.70	0.48	5436.94	NM	NM	NM	NM	NM	NM
TW-14	05-Aug-13	5454.24	17.42	18.85	1.43	5436.57	NM	NM	NM	NM	NM	NM
TW-14	03-Dec-13	5454.24	17.4	18.64	1.24	5436.63	NM	NM	NM	NM	NM	NM
TW-14	19-Feb-14	5454.24	17.33	17.94	0.61	5436.80	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-15	16-Dec-08	5450.44		13.15		5437.29	6.69	6.647	1.25	13.17	-176.5	1.25
TW-15	26-Jan-09	5450.44		12.99		5437.45	NM	NM	NM	NM	NM	NM
TW-15	20-Aug-09	5450.44		13.35		5437.09	7.26	6.056	3.64	16.49	320.0	4.30
TW-15	17-Feb-10	5450.44		12.93		5437.51	NM	NM	NM	NM	NM	NM
TW-15	10-May-10	5450.44		12.86		5437.58	NM	NM	NM	NM	NM	NM
TW-15	18-Aug-10	5450.44		13.21		5437.23	NM	NM	NM	NM	NM	NM
TW-15	15-Nov-10	5450.44		13.24		5437.20	NM	NM	NM	NM	NM	NM
TW-15	17-Feb-11	5450.44		13.05		5437.39	NM	NM	NM	NM	NM	NM
TW-15	17-May-11	5450.44		13.09		5437.35	NM	NM	NM	NM	NM	NM
TW-15	23-Aug-11	5450.44		13.58		5436.86	NM	NM	NM	NM	NM	NM
TW-15	16-Nov-11	5450.44		13.42		5437.02	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-15	09-May-13	5450.44		13.28		5437.16	7.34	1.938	0.49	13.31	-30.3	3.0
TW-15	05-Aug-13	5450.44		13.86		5436.58	NM	NM	NM	NM	NM	NM
TW-15	21-Nov-13	5450.44		13.60		5436.84	NM	NM	NM	NM	NM	NM
TW-15	19-Feb-14	5450.44		13.37		5437.07	NM	NM	NM	NM	NM	NM
TW-16	16-Dec-08	5448.45		8.76		5439.69	6.71	6.593	1.64	14.90	7.3	1.25
TW-16	26-Jan-09	5448.45		11.11		5437.34	NM	NM	NM	NM	NM	NM
TW-16	20-Aug-09	5448.45		11.85		5436.60	7.40	6.025	3.66	16.57	285.2	1.00
TW-16	17-Feb-10	5448.45		11.10		5437.35	NM	NM	NM	NM	NM	NM
TW-16	17-May-10	5448.45		11.25		5437.2	7.33	3.684	2.19	13.64	227.1	3.75
TW-16	18-Aug-10	5448.45		11.45		5437.00	NM	NM	NM	NM	NM	NM

TABLE 1

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

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-16	15-Nov-10	5448.45		11.52		5436.93	NM	NM	NM	NM	NM	NM
TW-16	17-Feb-11	5448.45		11.21		5437.24	NM	NM	NM	NM	NM	NM
TW-16	17-May-11	5448.45		11.32		5437.13	NM	NM	NM	NM	NM	NM
TW-16	22-Aug-11	5448.45		11.23		5437.22	NM	NM	NM	NM	NM	NM
TW-16	16-Nov-11	5448.45		11.67		5436.78	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-16	07-May-13	5448.45	Not Measured - Root Growth at 11.0'									
TW-16	07-May-13	5448.45	Not Measured - Root Growth at 11.0'									
TW-16	05-Aug-13	5448.45	Not Measured - Root Growth at 11.0'									
TW-16	21-Nov-13	5448.45	Not Measured - Root Growth at 11.0'									
TW-16	19-Feb-14	5448.45	Not Measured - Root Growth at 11.0'									
TW-17	16-Dec-08	5446.24		9.99		5436.25	6.68	6.643	1.26	14.10	-31.3	1.25
TW-17	26-Jan-09	5446.24		9.82		5436.42	NM	NM	NM	NM	NM	NM
TW-17	21-Aug-09	5446.24		10.31		5435.93	7.13	6.100	8.37	17.86	289.9	3.00
TW-17	17-Feb-10	5446.24		9.75		5436.49	NM	NM	NM	NM	NM	NM
TW-17	10-May-10	5446.24		9.83		5436.41	NM	NM	NM	NM	NM	NM
TW-17	18-Aug-10	5446.24		10.21		5436.03	NM	NM	NM	NM	NM	NM
TW-17	15-Nov-10	5446.24		10.18		5436.06	NM	NM	NM	NM	NM	NM
TW-17	17-Feb-11	5446.24		9.92		5436.32	NM	NM	NM	NM	NM	NM
TW-17	17-May-11	5446.24		10.03		5436.21	NM	NM	NM	NM	NM	NM
TW-17	22-Aug-11	5446.24		10.51		5435.73	NM	NM	NM	NM	NM	NM
TW-17	16-Nov-11	5446.24		10.29		5435.95	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
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-17	07-May-13	5446.24		10.15		5436.09	NM	NM	NM	NM	NM	NM
TW-17	05-Aug-13	5446.24		10.71		5435.53	NM	NM	NM	NM	NM	NM
TW-17	21-Nov-13	5446.24		10.12		5436.12	NM	NM	NM	NM	NM	NM
TW-17	19-Feb-14	5446.24		10.07		5436.17	NM	NM	NM	NM	NM	NM
TW-18	16-Dec-08	5452.73		16.40		5436.33	6.65	5.094	0.88	16.42	-170.9	1.25
TW-18	26-Jan-09	5452.73		16.29		5436.44	NM	NM	NM	NM	NM	NM
TW-18	21-Aug-09	5452.73		16.48		5436.25	6.94	5.273	7.64	17.32	285.8	4.00
TW-18	17-Feb-10	5452.73		16.21		5436.52	6.8	7.990	2.04	15.58	210	3.30
TW-18	10-May-10	5452.73		16.11		5436.62	7.1	4.830	0.75	15.40	222	3.75
TW-18	18-Aug-10	5452.73		16.31		5436.42	NM	NM	NM	NM	NM	NM
TW-18	16-Nov-10	5452.73		16.50		5436.23	7.1	4.730	0.82	16.85	-19	3.00
TW-18	17-Feb-11	5452.73		16.33		5436.40	NM	NM	NM	NM	NM	NM
TW-18	18-May-11	5452.73		16.30		5436.43	NM	NM	NM	NM	NM	NM
TW-18	23-Aug-11	5452.73		16.64		5436.09	NM	NM	NM	NM	NM	NM
TW-18	17-Nov-11	5452.73		16.66		5436.07	7.25	4.639	0.64	15.59	-25.1	1.00
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
TW-18	07-May-13	5452.73		16.58		5436.15	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-18	05-Aug-13	5452.73		16.95		5435.78	NM	NM	NM	NM	NM	NM
TW-18	03-Dec-13	5452.73		16.83		5435.90	8.00	2.448	0.23	14.33	84.8	NM
TW-18	19-Feb-14	5452.73		16.62		5436.11	NM	NM	NM	NM	NM	NM
TW-19	16-Dec-08	5458.49	22.15	22.62	0.47	5436.26			Not Sampled - NAPL Present			
TW-19	26-Jan-09	5458.49	22.01	22.57	0.56	5436.38	NM	NM	NM	NM	NM	NM
TW-19	13-Aug-09	5458.49	22.13	22.86	0.73	5436.23			Not Sampled - NAPL present			
TW-19	11-Nov-09	5458.49							TW damaged by demolition work			
TW-19	15-Feb-10	5458.49							TW damaged by demolition work			
TW-19	07-May-10	5458.49	17.45	17.52	0.07	5441.03	NM	NM	NM	NM	NM	NM
TW-19	18-Aug-10	5458.49		17.66	Sheen	5440.83	NM	NM	NM	NM	NM	NM
TW-19	15-Nov-10	5458.49	17.79	18.02	0.23	5440.66	NM	NM	NM	NM	NM	NM
TW-19	17-Feb-11	5458.49							Attached to RSI Unit			
TW-19	18-May-11	5458.49		17.63		5440.86			Not Sampled - Sheen of NAPL Present			
TW-19	23-Aug-11	5458.49	17.84	18.34	0.50	5440.56			Not Sampled - NAPL Present			
TW-19	16-Nov-11	5458.49	17.90	18.60	0.70	5440.47			Not Sampled - NAPL Present			
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-19	07-May-13	5458.49	17.85	18.34	0.49	5440.56	NM	NM	NM	NM	NM	NM
TW-19	05-Aug-13	5458.49	18.03	18.96	0.93	5440.30	NM	NM	NM	NM	NM	NM
TW-19	03-Dec-13	5458.49	18.01	18.79	0.78	5440.35	NM	NM	NM	NM	NM	NM
TW-19	19-Feb-14	5458.49	17.90	18.22	0.32	5440.53	NM	NM	NM	NM	NM	NM
TW-20	17-Dec-08	5453.74	15.14	15.86	0.72	5438.48			Not Sampled - NAPL Present			

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-20	26-Jan-09	5453.74	17.36	18.62	1.26	5436.16	NM	NM	NM	NM	NM	NM
TW-20	13-Aug-09	5453.74	17.64	19.17	1.53	5435.84	Not Sampled - NAPL present					
TW-20	11-Nov-09	5453.74	17.52	19.45	1.93	5435.89	NM	NM	NM	NM	NM	NM
TW-20	15-Feb-10	5453.74	17.4	18.73	1.33	5436.11	NM	NM	NM	NM	NM	NM
TW-20	07-May-10	5453.74	17.28	18.25	0.97	5436.29	NM	NM	NM	NM	NM	NM
TW-20	07-May-10	5453.74	17.28	18.25	0.97	5436.29	NM	NM	NM	NM	NM	NM
TW-20	18-Aug-10	5453.74	Attached to RSI Unit									
TW-20	15-Nov-10	5453.74	17.56	18.88	1.32	5435.95	NM	NM	NM	NM	NM	NM
TW-20	17-Feb-11	5453.74	Attached to RSI Unit									
TW-20	17-May-11	5453.74	17.40	17.45	0.05	5436.33	Not Sampled - NAPL Present					
TW-20	23-Aug-11	5453.74	17.87	19.40	1.53	5435.61	Not Sampled - NAPL Present					
TW-20	16-Nov-11	5453.74	17.64	19.60	1.96	5435.76	Not Sampled - NAPL Present					
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-20	07-May-13	5453.74	17.57	19.12	1.55	5435.90	NM	NM	NM	NM	NM	NM
TW-20	05-Aug-13	5453.74	17.91	20.46	2.55	5435.39	NM	NM	NM	NM	NM	NM
TW-20	03-Dec-13	5453.74	17.80	19.91	2.11	5435.57	NM	NM	NM	NM	NM	NM
TW-20	19-Feb-14	5453.74	17.70	19.11	1.41	5435.80	NM	NM	NM	NM	NM	NM
TW-21	17-Dec-08	5451.85	15.42	17.19	1.77	5436.12	Not Sampled - NAPL Present					
TW-21	26-Jan-09	5451.85	16.35	16.94	0.59	5435.40	NM	NM	NM	NM	NM	NM
TW-21	13-Aug-09	5451.85	16.50	16.94	0.44	5435.27	Not Sampled - NAPL present					
TW-21	12-Nov-09	5451.85	TW damaged by demolition work									
TW-21	15-Feb-10	5451.85	TW damaged by demolition work									

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-21	07-May-10	5451.85										
TW-21	18-Aug-10	5451.85										
TW-21	15-Nov-10	5451.85										
TW-21	23-Feb-11	5451.85										
TW-21	17-May-11	5451.85										
TW-21	23-Aug-11	5451.85										
TW-21	16-Nov-11	5451.85										
TW-21	29-Feb-12	5451.85										
TW-21	14-May-12	5451.85										
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-21	14-May-13	5451.85	16.71	17.05	0.34	5435.08	NM	NM	NM	NM	NM	NM
TW-21	12-Aug-13	5451.85	16.90	18.00	1.10	5434.76	NM	NM	NM	NM	NM	NM
TW-21	21-Nov-13	5451.85	16.86	17.73	0.87	5434.84	NM	NM	NM	NM	NM	NM
TW-21	19-Feb-14	5451.85	16.74	17.03	0.29	5435.06	NM	NM	NM	NM	NM	NM
TW-22	17-Dec-08	5450.19	14.75	14.76	0.01	5435.44						
TW-22	26-Jan-09	5450.19	14.69	15.26	0.57	5435.40	NM	NM	NM	NM	NM	NM
TW-22	13-Aug-09	5450.19	14.79	15.39	0.60	5435.30						
TW-22	12-Nov-09	5450.19	14.88	15.58	0.70	5435.19	NM	NM	NM	NM	NM	NM
TW-22	15-Feb-10	5450.19	14.72	15.03	0.31	5435.42	NM	NM	NM	NM	NM	NM
TW-22	07-May-10	5450.19	14.63	14.73	0.10	5435.54	NM	NM	NM	NM	NM	NM
TW-22	18-Aug-10	5450.19	14.74	15.01	0.27	5435.40	NM	NM	NM	NM	NM	NM
TW-22	15-Nov-10	5450.19	14.94	15.14	0.20	5435.22	NM	NM	NM	NM	NM	NM
TW-22	23-Feb-11	5450.19	14.80	15.14	0.34	5435.33	NM	NM	NM	NM	NM	NM
TW-22	17-May-11	5450.19	14.79	15.02	0.23	5435.36						

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
 Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-22	23-Aug-11	5450.19	15.13	15.16	0.03	5435.05	Not Sampled - NAPL Present					
TW-22	16-Nov-11	5450.19	15.10	15.62	0.52	5435.00	Not Sampled - NAPL Present					
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-22	14-May-13	5450.19	15.12	15.35	0.23	5435.03	NM	NM	NM	NM	NM	NM
TW-22	12-Aug-13	5450.19	15.30	16.15	0.85	5434.74	NM	NM	NM	NM	NM	NM
TW-22	03-Dec-13	5450.19	15.23	15.58	0.35	5434.90	NM	NM	NM	NM	NM	NM
TW-22	19-Feb-14	5450.19	15.11	15.14	0.03	5435.07	NM	NM	NM	NM	NM	NM
TW-23	18-Dec-08	5443.64		6.60		5437.04	7.09	6.727	3.77	13.65	-138.4	1.25
TW-23	26-Jan-08	5443.64		8.73		5434.91	NM	NM	NM	NM	NM	NM
TW-23	21-Aug-09	5443.64		9.07		5434.57	7.17	7.95	5.40	18.47	286.8	3.00
TW-23	17-Feb-10	5443.64		8.61		5435.03	NM	NM	NM	NM	NM	NM
TW-23	10-May-10	5443.64		8.64		5435.00	NM	NM	NM	NM	NM	NM
TW-23	18-Aug-10	5443.64		8.94		5434.70	NM	NM	NM	NM	NM	NM
TW-23	15-Nov-10	5443.64		9.10		5434.54	NM	NM	NM	NM	NM	NM
TW-23	17-Feb-11	5443.64		9.51		5434.13	NM	NM	NM	NM	NM	NM
TW-23	17-May-11	5443.64		8.99		5434.65	NM	NM	NM	NM	NM	NM
TW-23	22-Aug-11	5443.64		9.05		5434.59	NM	NM	NM	NM	NM	NM
TW-23	16-Nov-11	5443.64		9.05		5434.59	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'									
TW-23	14-Nov-12	5443.64	Not Measured - Root Growth at 9.0'									

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
 Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-23	06-Feb-13	5443.64										
TW-23	14-May-13	5443.64										
TW-23	12-Aug-13	5443.64										
TW-23	03-Dec-13	5443.64										
TW-23	19-Feb-14	5443.64										
TW-24	17-Dec-08	5444.79		10.97		5433.82	6.21	5.942	4.88	15.60	-64.3	1.25
TW-24	26-Jan-09	5444.79	11.84	11.85	0.01	5432.95	NM	NM	NM	NM	NM	NM
TW-24	21-Aug-09	5444.79	11.10	11.22	0.12	5433.67						
TW-24	13-Nov-09	5444.79	11.07	11.15	0.08	5433.71	NM	NM	NM	NM	NM	NM
TW-24	17-Feb-10	5444.79		10.78		5434.01	6.62	7.86	0.74	13.77	436.8	3.00
TW-24	11-May-10	5444.79		10.63		5434.16	7.05	4.70	0.33	14.39	229	3.75
TW-24	18-Aug-10	5444.79		11.09	Sheen	5433.70	NM	NM	NM	NM	NM	NM
TW-24	15-Nov-10	5444.79	11.17	11.30	0.13	5433.60	NM	NM	NM	NM	NM	NM
TW-24	23-Feb-11	5444.79	11.09	11.15	0.06	5433.69	NM	NM	NM	NM	NM	NM
TW-24	17-May-11	5444.79	11.09	11.15	0.06	5433.69						
TW-24	23-Aug-11	5444.79	11.34	11.47	0.13	5433.43						
TW-24	16-Nov-11	5444.79	11.26	11.37	0.11	5433.51						
TW-24	29-Feb-12	5444.79	11.08	11.10	0.02	5433.71						
TW-24	14-May-12	5444.79		11.07		5433.72	NM	NM	NM	NM	NM	NM
TW-24	08-Aug-12	5444.79	11.34	11.44	0.10	5433.43	NM	NM	NM	NM	NM	NM
TW-24	14-Nov-12	5444.79	11.37	11.47	0.10	5433.40	NM	NM	NM	NM	NM	NM
TW-24	06-Feb-13	5444.79		11.15		5433.64	NM	NM	NM	NM	NM	NM
TW-24	14-May-13	5444.79	11.23	11.25	0.02	5433.56	NM	NM	NM	NM	NM	NM
TW-24	12-Aug-13	5444.79	13.51	13.56	0.05	5431.27	NM	NM	NM	NM	NM	NM
TW-24	03-Dec-13	5444.79		16.16		5428.63	NM	NM	NM	NM	NM	NM
TW-24	19-Feb-14	5444.79		11.03		5433.76	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
 Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-25	17-Dec-08	5448.80	14.13	14.62	0.49	5434.59			Not Sampled - NAPL Present			
TW-25	26-Jan-09	5448.80	14.05	14.41	0.36	5434.69	NM	NM	NM	NM	NM	NM
TW-25	13-Aug-09	5448.80	14.14	14.63	0.49	5434.58			Not Sampled - NAPL present			
TW-25	12-Nov-09	5448.80	14.24	14.91	0.67	5434.44	NM	NM	NM	NM	NM	NM
TW-25	15-Feb-10	5448.80	14.03	14.41	0.38	5434.70	NM	NM	NM	NM	NM	NM
TW-25	07-May-10	5448.80	13.88	14.18	0.30	5434.87	NM	NM	NM	NM	NM	NM
TW-25	18-Aug-10	5448.80	14.00	14.39	0.39	5434.73	NM	NM	NM	NM	NM	NM
TW-25	15-Nov-10	5448.80	14.40	14.71	0.31	5434.35	NM	NM	NM	NM	NM	NM
TW-25	23-Feb-11	5448.80	14.21	14.45	0.24	5434.55	NM	NM	NM	NM	NM	NM
TW-25	17-May-11	5448.80	14.09	14.29	0.20	5434.68			Not Sampled - NAPL Present			
TW-25	23-Aug-11	5448.80	14.35	14.85	0.50	5434.36			Not Sampled - NAPL Present			
TW-25	16-Nov-11	5448.80	14.30	15.12	0.82	5434.36			Not Sampled - NAPL Present			
TW-25	29-Feb-12	5448.80	14.25	14.71	0.46	5434.47			Not Sampled - NAPL Present			
TW-25	14-May-12	5448.80	14.16	14.45	0.29	5434.59			Not Sampled - NAPL Present			
TW-25	08-Aug-12	5448.80	14.35	15.15	0.80	5434.31	NM	NM	NM	NM	NM	NM
TW-25	14-Nov-12	5448.80	14.43	15.31	0.88	5434.22	NM	NM	NM	NM	NM	NM
TW-25	06-Feb-13	5448.80	14.36	14.87	0.51	5434.35	NM	NM	NM	NM	NM	NM
TW-25	14-May-13	5448.80	14.36	14.77	0.41	5434.37	NM	NM	NM	NM	NM	NM
TW-25	12-Aug-13	5448.80	14.58	15.57	0.99	5434.05	NM	NM	NM	NM	NM	NM
TW-25	21-Nov-13	5448.80	14.50	15.00	0.50	5434.21	NM	NM	NM	NM	NM	NM
TW-25	19-Feb-14	5448.80	14.37	14.51	0.14	5434.41	NM	NM	NM	NM	NM	NM
TW-26	17-Dec-08	5450.34	13.49	14.47	0.98	5436.68			Not Sampled - NAPL Present			
TW-26	26-Jan-09	5450.34	15.80	16.76	0.96	5434.37	NM	NM	NM	NM	NM	NM
TW-26	13-Aug-09	5450.34	15.83	17.29	1.46	5434.26			Not Sampled - NAPL present			
TW-26	12-Nov-09	5450.34	15.91	17.47	1.56	5434.16	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-26	15-Feb-10	5450.34	15.81	16.86	1.05	5434.35	NM	NM	NM	NM	NM	NM
TW-26	07-May-10	5450.34	15.68	16.22	0.54	5434.57	NM	NM	NM	NM	NM	NM
TW-26	18-Aug-10	5450.34	15.75	16.75	1.00	5434.42	NM	NM	NM	NM	NM	NM
TW-26	15-Nov-10	5450.34	15.85	17.06	1.21	5434.28	NM	NM	NM	NM	NM	NM
TW-26	23-Feb-11	5450.34	15.81	16.75	0.94	5434.37	NM	NM	NM	NM	NM	NM
TW-26	17-May-11	5450.34	15.74	16.50	0.76	5434.47	Not Sampled - NAPL Present					
TW-26	24-Aug-11	5450.34	16.02	17.44	1.42	5434.07	Not Sampled - NAPL Present					
TW-26	16-Nov-11	5450.34	15.98	17.40	1.42	5434.11	Not Sampled - NAPL Present					
TW-26	29-Feb-12	5450.34	15.94	16.85	0.91	5434.24	Not Sampled - NAPL Present					
TW-26	14-May-12	5450.34	15.86	16.64	0.78	5434.35	Not Sampled - NAPL Present					
TW-26	08-Aug-12	5450.34	16.02	17.42	1.40	5434.08	NM	NM	NM	NM	NM	NM
TW-26	14-Nov-12	5450.34	16.12	17.62	1.50	5433.96	NM	NM	NM	NM	NM	NM
TW-26	06-Feb-13	5450.34	16.07	17.18	1.11	5434.08	NM	NM	NM	NM	NM	NM
TW-26	14-May-13	5450.34	16.01	16.93	0.92	5434.17	NM	NM	NM	NM	NM	NM
TW-26	12-Aug-13	5450.34	16.21	17.75	1.54	5433.86	NM	NM	NM	NM	NM	NM
TW-26	03-Dec-13	5450.34	16.19	17.56	1.37	5433.91	NM	NM	NM	NM	NM	NM
TW-26	19-Feb-14	5450.34	16.09	16.84	0.75	5434.12	NM	NM	NM	NM	NM	NM
TW-28	17-Dec-08	5449.24	15.37	15.96	0.59	5433.77	Not Sampled - NAPL Present					
TW-28	26-Jan-09	5449.24	15.28	15.79	0.51	5433.87	NM	NM	NM	NM	NM	NM
TW-28	13-Aug-09	5449.24	15.27	16.31	1.04	5433.79	Not Sampled - NAPL present					
TW-28	12-Nov-09	5449.24	15.35	16.74	1.39	5433.65	NM	NM	NM	NM	NM	NM
TW-28	15-Feb-10	5449.24	15.22	16.10	0.88	5433.87	NM	NM	NM	NM	NM	NM
TW-28	07-May-10	5449.24	15.08	15.47	0.39	5434.09	NM	NM	NM	NM	NM	NM
TW-28	18-Aug-10	5449.24	15.12	16.09	0.97	5433.95	NM	NM	NM	NM	NM	NM
TW-28	15-Nov-10	5449.24	15.49	16.67	1.18	5433.55	NM	NM	NM	NM	NM	NM
TW-28	23-Feb-11	5449.24	15.24	16.39	1.15	5433.80	NM	NM	NM	NM	NM	NM

TABLE 1

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

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-28	17-May-11	5449.24	15.19	16.09	0.90	5433.89	Not Sampled - NAPL Present					
TW-28	24-Aug-11	5449.24	15.33	16.87	1.54	5433.64	Not Sampled - NAPL Present					
TW-28	16-Nov-11	5449.24	15.40	16.94	1.54	5433.57	Not Sampled - NAPL Present					
TW-28	29-Feb-12	5449.24	15.33	16.46	1.13	5433.71	Not Sampled - NAPL Present					
TW-28	14-May-12	5449.24	15.26	16.19	0.93	5433.82	Not Sampled - NAPL Present					
TW-28	08-Aug-12	5449.24	15.39	16.81	1.42	5433.60	NM	NM	NM	NM	NM	NM
TW-28	14-Nov-12	5449.24	15.50	17.06	1.56	5433.47	NM	NM	NM	NM	NM	NM
TW-28	06-Feb-13	5449.24	15.45	16.74	1.29	5433.57	NM	NM	NM	NM	NM	NM
TW-28	14-May-13	5449.24	15.40	16.53	1.13	5433.64	NM	NM	NM	NM	NM	NM
TW-28	12-Aug-13	5449.24	15.56	17.16	1.60	5433.40	NM	NM	NM	NM	NM	NM
TW-28	03-Dec-13	5449.24	15.55	16.92	1.37	5433.45	NM	NM	NM	NM	NM	NM
TW-28	19-Feb-14	5449.24	15.45	16.38	0.93	5433.63	NM	NM	NM	NM	NM	NM
TW-29	17-Dec-08	5441.87	9.19	9.20	0.01	5432.68	Not Sampled - NAPL Present					
TW-29	26-Jan-09	5441.87	9.12	9.14	0.02	5432.75	NM	NM	NM	NM	NM	NM
TW-29	13-Aug-09	5441.87	9.22	10.06	0.84	5432.50	Not Sampled - NAPL present					
TW-29	13-Nov-09	5441.87	9.25	9.91	0.66	5432.51	NM	NM	NM	NM	NM	NM
TW-29	17-Feb-10	5441.87		8.96		5432.91	6.00	8.583	0.60	13.79	357.9	3.60
TW-29	07-May-10	5441.87	8.91	8.96	0.05	5432.95	NM	NM	NM	NM	NM	NM
TW-29	18-Aug-10	5441.87	9.14	9.69	0.55	5432.63	NM	NM	NM	NM	NM	NM
TW-29	15-Nov-10	5441.87	9.43	10.23	0.80	5432.30	NM	NM	NM	NM	NM	NM
TW-29	23-Feb-11	5441.87	10.31	10.90	0.59	5431.46	NM	NM	NM	NM	NM	NM
TW-29	17-May-11	5441.87	9.35	9.83	0.48	5432.44	Not Sampled - NAPL Present					
TW-29	24-Aug-11	5441.87	9.43	10.38	0.95	5432.28	Not Sampled - NAPL Present					
TW-29	16-Nov-11	5441.87	9.46	10.16	0.70	5432.29	Not Sampled - NAPL Present					
TW-29	29-Feb-12	5441.87	9.37	9.78	0.41	5432.43	Not Sampled - NAPL Present					
TW-29	14-May-12	5441.87	9.23	9.42	0.19	5432.61	Not Sampled - NAPL Present					

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-29	08-Aug-12	5441.87	9.40	10.30	0.90	5432.31	NM	NM	NM	NM	NM	NM
TW-29	14-Nov-12	5441.87	9.51	10.50	0.99	5432.19	NM	NM	NM	NM	NM	NM
TW-29	06-Feb-13	5441.87	9.38	9.71	0.33	5432.43	NM	NM	NM	NM	NM	NM
TW-29	14-May-13	5441.87	9.44	9.90	0.46	5432.35	NM	NM	NM	NM	NM	NM
TW-29	12-Aug-13	5441.87	9.61	10.64	1.03	5432.08	NM	NM	NM	NM	NM	NM
TW-29	03-Dec-13	5441.87	9.41	9.64	0.23	5432.42	NM	NM	NM	NM	NM	NM
TW-29	19-Feb-14	5441.87		9.30		5432.57	NM	NM	NM	NM	NM	NM
TW-30	18-Dec-08	5437.93		5.90		5432.03	6.46	6.328	6.25*	12.89	-66.2	1.25
TW-30	26-Jan-09	5437.93		5.69		5432.24	NM	NM	NM	NM	NM	NM
TW-30	21-Aug-09	5437.93		6.07		5431.86	6.61	7.238	5.52	18.52	304.0	5.50
TW-30	17-Feb-10	5437.93		5.65		5432.28	6.26	8.169	1.47	11.21	476.9	5.60
TW-30	11-May-10	5437.93		5.67		5432.26	6.77	5.188	0.76	12.56	238.8	3.75
TW-30	18-Aug-10	5437.93		5.99		5431.94	NM	NM	NM	NM	NM	NM
TW-30	16-Nov-10	5437.93		6.34		5431.59	6.96	6.832	0.61	15.28	-8.8	3.00
TW-30	17-Feb-11	5437.93		6.24		5431.69	NM	NM	NM	NM	NM	NM
TW-30	17-May-11	5437.93		6.22		5431.71	NM	NM	NM	NM	NM	NM
TW-30	24-Aug-11	5437.93		6.47		5431.46	NM	NM	NM	NM	NM	NM
TW-30	17-Nov-11	5437.93		6.25		5431.68	7.21	6.482	0.54	12.97	-23.1	1.00
TW-30	28-Feb-12	5437.93		6.18		5431.75	NM	NM	NM	NM	NM	NM
TW-30	14-May-12	5437.93		5.96		5431.97	NM	NM	NM	NM	NM	NM
TW-30	08-Aug-12	5437.93		6.40		5431.53	NM	NM	NM	NM	NM	NM
TW-30	09-Nov-12	5437.93		6.48		5431.45	7.70	5.352	0.48	11.64	-50.5	5.5
TW-30	06-Feb-13	5437.93		6.23		5431.70	NM	NM	NM	NM	NM	NM
TW-30	14-May-13	5437.93		6.35		5431.58	NM	NM	NM	NM	NM	NM
TW-30	12-Aug-13	5437.93		6.64		5431.29	NM	NM	NM	NM	NM	NM
TW-30	03-Dec-13	5437.93		5.96		5431.97	8.03	2.996	0.20	12.71	17.2	NM

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-30	19-Feb-14	5437.93		5.96		5431.97	NM	NM	NM	NM	NM	NM
TW-31	16-Dec-08	5438.54		7.03		5431.51	6.37	7.298	2.97	14.00	12.8	1.25
TW-31	26-Jan-09	5438.54		6.94		5431.60	NM	NM	NM	NM	NM	NM
TW-31	21-Aug-09	5438.54		7.18		5431.36	6.84	10.35	6.90	21.75	319.9	3.00
TW-31	17-Feb-10	5438.54		6.82		5431.72	6.63	9.906	3.95	9.75	358.8	3.00
TW-31	11-May-10	5438.54		6.78		5431.76	6.96	7.523	1.31	13.25	228.9	4.00
TW-31	18-Aug-10	5438.54		6.98		5431.56	NM	NM	NM	NM	NM	NM
TW-31	16-Nov-10	5438.54		7.24		5431.30	6.98	5.526	0.99	15.87	-10.0	3.00
TW-31	17-Feb-11	5438.54		7.16		5431.38	NM	NM	NM	NM	NM	NM
TW-31	17-May-11	5438.54		7.07		5431.47	NM	NM	NM	NM	NM	NM
TW-31	24-Aug-11	5438.54		7.30		5431.24	NM	NM	NM	NM	NM	NM
TW-31	17-Nov-11	5438.54		7.18		5431.36	7.24	5.432	1.94	14.67	-24.7	1.00
TW-31	28-Feb-12	5438.54		7.11		5431.43	NM	NM	NM	NM	NM	NM
TW-31	14-May-12	5438.54		6.76		5431.78	NM	NM	NM	NM	NM	NM
TW-31	08-Aug-12	5438.54		7.18		5431.36	NM	NM	NM	NM	NM	NM
TW-31	09-Nov-12	5438.54		7.36		5431.18	7.64	4.072	0.23	14.46	-47.7	3.0
TW-31	06-Feb-13	5438.54		7.17		5431.37	NM	NM	NM	NM	NM	NM
TW-31	14-May-13	5438.54		7.26		5431.28	NM	NM	NM	NM	NM	NM
TW-31	12-Aug-13	5438.54		7.50		5431.04	NM	NM	NM	NM	NM	NM
TW-31	03-Dec-13	5438.54		7.11		5431.43	8.02	3.110	0.24	13.53	113.7	NM
TW-31	19-Feb-14	5438.54		7.04		5431.50	NM	NM	NM	NM	NM	NM
TW-32	17-Dec-08	5441.61	7.22	8.79	1.57	5434.12		Not Sampled - NAPL Present				
TW-32	26-Jan-09	5441.61	9.02	10.31	1.29	5432.37	NM	NM	NM	NM	NM	NM
TW-32	13-Aug-09	5441.61	9.12	10.86	1.74	5432.19		Not Sampled - NAPL present				
TW-32	12-Nov-09	5441.61	9.26	10.88	1.62	5432.07	NM	NM	NM	NM	NM	NM
TW-32	16-Feb-10	5441.61	8.97	9.98	1.01	5432.47	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-32	07-May-10	5441.61	8.92	9.34	0.42	5432.62	NM	NM	NM	NM	NM	NM
TW-32	18-Aug-10	5441.61	9.00	10.18	1.18	5432.41	NM	NM	NM	NM	NM	NM
TW-32	15-Nov-10	5441.61	9.30	10.87	1.57	5432.04	NM	NM	NM	NM	NM	NM
TW-32	23-Feb-11	5441.61	9.23	10.79	1.56	5432.11	NM	NM	NM	NM	NM	NM
TW-32	17-May-11	5441.61	9.26	10.72	1.46	5432.10	Not Sampled - NAPL Present					
TW-32	24-Aug-11	5441.61	9.40	10.92	1.52	5431.95	Not Sampled - NAPL Present					
TW-32	16-Nov-11	5441.61	9.38	11.01	1.63	5431.95	Not Sampled - NAPL Present					
TW-32	29-Feb-12	5441.61	9.27	10.72	1.45	5432.09	Not Sampled - NAPL Present					
TW-32	14-May-12	5441.61	9.13	10.47	1.34	5432.25	Not Sampled - NAPL Present					
TW-32	10-Aug-12	5441.61	9.34	10.79	1.45	5432.02	NM	NM	NM	NM	NM	NM
TW-32	06-Feb-13	5441.61	9.36	10.72	1.36	5432.01	NM	NM	NM	NM	NM	NM
TW-32	14-May-13	5441.61	9.38	10.65	1.27	5432.01	NM	NM	NM	NM	NM	NM
TW-32	12-Aug-13	5441.61	9.59	10.56	0.97	5431.85	NM	NM	NM	NM	NM	NM
TW-32	21-Nov-13	5441.61	9.45	10.60	1.15	5431.96	NM	NM	NM	NM	NM	NM
TW-32	19-Feb-14	5441.61	9.30	10.32	1.02	5432.13	NM	NM	NM	NM	NM	NM
TW-33	17-Dec-08	5445.85	12.96	13.02	0.06	5432.88	Not Sampled - NAPL Present					
TW-33	26-Jan-09	5445.85	12.92	13.02	0.10	5432.91	NM	NM	NM	NM	NM	NM
TW-33	13-Aug-09	5445.85	12.96	13.10	0.14	5432.87	Not Sampled - NAPL present					
TW-33	12-Nov-09	5445.85	13.10	13.40	0.30	5432.70	NM	NM	NM	NM	NM	NM
TW-33	16-Feb-10	5445.85	12.89	12.93	0.04	5432.95	NM	NM	NM	NM	NM	NM
TW-33	07-May-10	5445.85	12.68	12.70	0.02	5433.17	NM	NM	NM	NM	NM	NM
TW-33	18-Aug-10	5445.85	12.81	12.99	0.18	5433.01	NM	NM	NM	NM	NM	NM
TW-33	15-Nov-10	5445.85	12.97	13.15	0.18	5432.85	NM	NM	NM	NM	NM	NM
TW-33	17-Feb-11	5445.85	12.98	13.05	0.07	5432.86	NM	NM	NM	NM	NM	NM
TW-33	17-May-11	5445.85	12.80	12.82	0.02	5433.05	Not Sampled - NAPL Present					
TW-33	24-Aug-11	5445.85	13.20	13.33	0.13	5432.63	Not Sampled - NAPL Present					

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GWL Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-33	16-Nov-11	5445.85	13.13	13.42	0.29	5432.67	Not Sampled - NAPL Present					
TW-33	29-Feb-12	5445.85	13.10	13.15	0.05	5432.74	Not Sampled - NAPL Present					
TW-33	14-May-12	5445.85	12.93	12.98	0.05	5432.91	Not Sampled - NAPL Present					
TW-33	08-Aug-12	5445.85	13.10	13.40	0.30	5432.70	NM	NM	NM	NM	NM	NM
TW-33	09-Nov-12	5445.85	13.22	13.50	0.28	5432.58	NM	NM	NM	NM	NM	NM
TW-33	06-Feb-13	5445.85	13.14	13.39	0.25	5432.67	NM	NM	NM	NM	NM	NM
TW-33	14-May-13	5445.85	13.00	13.52	0.52	5432.76	NM	NM	NM	NM	NM	NM
TW-33	12-Aug-13	5445.85	13.19	14.08	0.89	5432.51	NM	NM	NM	NM	NM	NM
TW-33	21-Nov-13	5445.85	13.11	14.08	0.97	5432.57	NM	NM	NM	NM	NM	NM
TW-33	19-Feb-14	5445.85	13.00	13.57	0.57	5432.75	NM	NM	NM	NM	NM	NM
TW-34	18-Dec-08	5455.80		19.82		5435.98	7.48	6.744	3.97	14.29	-183.8	1.25
TW-34	26-Jan-09	5455.80		19.74		5436.06	NM	NM	NM	NM	NM	NM
TW-34	19-Aug-09	5455.80		20.23		5435.57	7.06	10.07	6.19	15.43	303.7	3.00
TW-34	18-Feb-10	5455.80		19.79		5436.01	7.06	9.266	2.40	12.35	-55.0	3.00
TW-34	12-May-10	5455.80		19.6		5436.20	7.03	5.825	2.18	13.57	133.5	3.75
TW-34	18-Aug-10	5455.80		20.10		5435.70	NM	NM	NM	NM	NM	NM
TW-34	15-Nov-10	5455.80		19.93		5435.87	NM	NM	NM	NM	NM	NM
TW-34	23-Feb-11	5455.80		19.83		5435.97	NM	NM	NM	NM	NM	NM
TW-34	17-May-11	5455.80		19.73		5436.07	NM	NM	NM	NM	NM	NM
TW-34	24-Aug-11	5455.80		20.43		5435.37	NM	NM	NM	NM	NM	NM
TW-34	22-Nov-11	5455.80		20.14		5435.66	7.25	6.078	2.31	14.58	-25.4	1.00
TW-34	29-Feb-12	5455.80		19.91		5435.89	NM	NM	NM	NM	NM	NM
TW-34	22-May-12	5455.80		19.99		5435.81	NM	NM	NM	NM	NM	NM
TW-34	10-Aug-12	5455.80		20.55		5435.25	NM	NM	NM	NM	NM	NM
TW-34	09-Nov-12	5455.80		20.38		5435.42	NM	NM	NM	NM	NM	NM
TW-34	06-Feb-13	5455.80		20.18		5435.62	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-34	14-May-13	5455.80		20.09		5435.71	NM	NM	NM	NM	NM	NM
TW-34	12-Aug-13	5455.80		20.75		5435.05	NM	NM	NM	NM	NM	NM
TW-34	21-Nov-13	5455.80	20.4	20.41	0.01	5435.40	NM	NM	NM	NM	NM	NM
TW-34	19-Feb-14	5455.80		20.17		5435.63	NM	NM	NM	NM	NM	NM
TW-35	18-Dec-08	5449.14		15.21		5433.93	7.04	7.929	4.39	14.98	-189.4	1.25
TW-35	26-Jan-09	5449.14		15.12		5434.02	NM	NM	NM	NM	NM	NM
TW-35	24-Aug-09	5449.14		15.29		5433.85	7.02	11.80	6.40	16.41	295.1	3.30
TW-35	18-Feb-10	5449.14		15.15		5433.99	7.20	11.52	2.91	12.99	-283.0	3.60
TW-35	12-May-10	5449.14		14.91		5434.23	7.17	6.714	1.91	12.77	197.4	3.75
TW-35	18-Aug-10	5449.14		15.08		5434.06	NM	NM	NM	NM	NM	NM
TW-35	17-Nov-10	5449.14		15.23		5433.91	7.13	7.175	0.72	15.97	-18.3	3.00
TW-35	23-Feb-11	5449.14		15.17		5433.97	NM	NM	NM	NM	NM	NM
TW-35	17-May-11	5449.14		15.03		5434.11	NM	NM	NM	NM	NM	NM
TW-35	24-Aug-11	5449.14		15.35		5433.79	NM	NM	NM	NM	NM	NM
TW-35	22-Nov-11	5449.14		15.35		5433.79	7.38	6.901	1.21	15.24	-32.9	1.00
TW-35	29-Feb-12	5449.14		15.28		5433.86	NM	NM	NM	NM	NM	NM
TW-35	22-May-12	5449.14		15.51		5433.63	NM	NM	NM	NM	NM	NM
TW-35	10-Aug-12	5449.14	15.35	15.98	0.63	5433.68	NM	NM	NM	NM	NM	NM
TW-35	09-Nov-12	5449.14	15.45	16.01	0.56	5433.59	NM	NM	NM	NM	NM	NM
TW-35	06-Feb-13	5449.14	15.34	16.02	0.68	5433.68	NM	NM	NM	NM	NM	NM
TW-35	14-May-13	5449.14	15.20	16.10	0.90	5433.78	NM	NM	NM	NM	NM	NM
TW-35	12-Aug-13	5449.14	15.39	16.89	1.50	5433.49	NM	NM	NM	NM	NM	NM
TW-35	21-Nov-13	5449.14	15.37	16.63	1.26	5433.55	NM	NM	NM	NM	NM	NM
TW-35	19-Feb-14	5449.14	15.25	16.09	0.84	5433.74	NM	NM	NM	NM	NM	NM
TW-36	18-Dec-08	5441.91		13.03		5428.88	6.94	7.874	3.6	15.28	-270.7	1.25

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-36	26-Jan-09	5441.91	12.94	12.97	0.03	5428.96	NM	NM	NM	NM	NM	NM
TW-36	13-Aug-09	5441.91	13.17	13.35	0.18	5428.71	Not Sampled - NAPL present					
TW-36	13-Nov-09	5441.91	13.25	13.63	0.38	5428.59	NM	NM	NM	NM	NM	NM
TW-36	16-Feb-10	5441.91	12.96	12.98	0.02	5428.95	NM	NM	NM	NM	NM	NM
TW-36	12-May-10	5441.91		12.70		5429.21	7.08	6.193	1.42	12.75	388.4	3.75
TW-36	18-Aug-10	5441.91	13.10	13.18	0.08	5428.80	NM	NM	NM	NM	NM	NM
TW-36	15-Nov-10	5441.91	13.20	13.35	0.15	5428.68	NM	NM	NM	NM	NM	NM
TW-36	23-Feb-11	5441.91		13.03		5428.88	NM	NM	NM	NM	NM	NM
TW-36	17-May-11	5441.91	12.97	12.98	0.01	5428.94	Not Sampled - NAPL Present					
TW-36	24-Aug-11	5441.91	13.43	13.68	0.25	5428.44	Not Sampled - NAPL Present					
TW-36	15-Nov-11	5441.91	13.36	13.55	0.19	5428.52	Not Sampled - NAPL Present					
TW-36	29-Feb-12	5441.91	13.14	13.22	0.08	5428.76	Not Sampled - NAPL Present					
TW-36	22-May-12	5441.91	13.13	13.30	0.17	5428.75	Not Sampled - NAPL Present					
TW-36	10-Aug-12	5441.91	13.32	13.72	0.40	5428.52	NM	NM	NM	NM	NM	NM
TW-36	09-Nov-12	5441.91	13.34	13.74	0.40	5428.50	NM	NM	NM	NM	NM	NM
TW-36	06-Feb-13	5441.91	13.23	13.40	0.17	5428.65	NM	NM	NM	NM	NM	NM
TW-36	14-May-13	5441.91	13.12	13.25	0.13	5428.77	NM	NM	NM	NM	NM	NM
TW-36	12-Aug-13	5441.91	13.46	13.93	0.47	5428.37	NM	NM	NM	NM	NM	NM
TW-36	03-Dec-13	5441.91	13.16	13.19	0.03	5428.74	NM	NM	NM	NM	NM	NM
TW-36	19-Feb-14	5441.91		13.04		5428.87	NM	NM	NM	NM	NM	NM
TW-37	17-Dec-08	5439.59		10.57		5429.02	6.51	4.698	3.5	14.02	-221.3	1.25
TW-37	26-Jan-09	5439.59		10.47		5429.12	NM	NM	NM	NM	NM	NM
TW-37	21-Aug-09	5439.59		10.71		5428.88	7.22	6.162	4.35	18.77	296.1	3.00
TW-37	16-Feb-10	5439.59		10.44		5429.15	6.77	6.700	1.11	12.18	430.5	3.00
TW-37	11-May-10	5439.59		10.16		5429.43	6.98	4.092	1.27	12.84	224.6	3.75
TW-37	19-Aug-10	5439.59		10.53		5429.06	7.05	4.268	0.41	18.90	324.2	1.50

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-37	16-Nov-10	5439.59		10.68		5428.91	7.05	4.503	0.61	16.79	-13.6	3.00
TW-37	17-Feb-11	5439.59		10.58		5429.01	NM	NM	NM	NM	NM	NM
TW-37	18-May-11	5439.59		10.50		5429.09	7.05	4.162	0.77	13.42	-13.9	0.50
TW-37	24-Aug-11	5439.59		10.86		5428.73	NM	NM	NM	NM	NM	NM
TW-37	22-Nov-11	5439.59		10.83		5428.76	7.26	4.513	1.63	15.31	-25.8	1.00
TW-37	28-Feb-12	5439.59		10.67		5428.92	NM	NM	NM	NM	NM	NM
TW-37	17-May-12	5439.59		10.59		5429.00	7.26	3.124	0.95	16.40	-25.8	NM
TW-37	10-Aug-12	5439.59		10.80		5428.79	NM	NM	NM	NM	NM	NM
TW-37	09-Nov-12	5439.59		10.90		5428.69	7.60	3.374	0.13	16.17	-45.4	3.0
TW-37	06-Feb-13	5439.59		10.80		5428.79	NM	NM	NM	NM	NM	NM
TW-37	09-May-13	5439.59		10.66		5428.93	7.30	2.489	0.15	13.84	-28.3	3.0
TW-37	12-Aug-13	5439.59		11.00		5428.59	NM	NM	NM	NM	NM	NM
TW-37	03-Dec-13	5439.59		10.71		5428.88	8.23	2.447	0.21	14.61	-79.4	NM
TW-37	19-Feb-14	5439.59		10.58		5429.01	NM	NM	NM	NM	NM	NM
TW-38	17-Dec-08	5442.11		9.55		5432.56	6.95	5.466	4.06	12.82	-179.3	1.25
TW-38	26-Jan-09	5442.11		11.36		5430.75	NM	NM	NM	NM	NM	NM
TW-38	21-Aug-09	5442.11	11.57	11.58	0.01	5430.54		Not Sampled - NAPL Present				
TW-38	12-Nov-09	5442.11	11.64	11.70	0.06	5430.46	NM	NM	NM	NM	NM	NM
TW-38	18-Feb-10	5442.11		11.28		5430.83	6.73	7.314	0.57	12.54	549.0	2.10
TW-38	12-May-10	5442.11		11.09		5431.02	7.06	4.741	2.37	12.83	205.3	3.75
TW-38	19-Aug-10	5442.11		11.30		5430.81	6.99	4.573	0.48	18.42	353.8	2.50
TW-38	16-Nov-10	5442.11		11.54		5430.57	7.10	4.657	0.79	16.96	-16.7	3.00
TW-38	17-Feb-11	5442.11		11.49		5430.62	NM	NM	NM	NM	NM	NM
TW-38	18-May-11	5442.11		11.42		5430.69	7.06	3.756	0.97	13.91	-14.3	0.50
TW-38	24-Aug-11	5442.11		11.72		5430.39	NM	NM	NM	NM	NM	NM
TW-38	16-Nov-11	5442.11	11.68	11.83	0.15	5430.40	NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-38	29-Feb-12	5442.11	11.58	11.60	0.02	5430.53	NM	NM	NM	NM	NM	NM
TW-38	14-May-12	5442.11		11.56		5430.55	NM	NM	NM	NM	NM	NM
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-38	14-May-13	5442.11	11.61	11.65	0.04	5430.49	NM	NM	NM	NM	NM	NM
TW-38	12-Aug-13	5442.11	11.81	12.05	0.24	5430.26	NM	NM	NM	NM	NM	NM
TW-38	21-Nov-13	5442.11	11.68	11.73	0.05	5430.42	NM	NM	NM	NM	NM	NM
TW-38	19-Feb-14	5442.11	11.54	11.56	0.02	5430.57	NM	NM	NM	NM	NM	NM
Not Sampled - Sheen of NAPL Present												
TW-39	18-Dec-08	5438.43	7.7	7.71	0.01	5430.73						
TW-39	26-Jan-09	5438.43		7.44		5430.99	NM	NM	NM	NM	NM	NM
TW-39	21-Aug-09	5438.43		7.96		5430.47	6.93	8.946	4.48	23.34	328.1	3.00
TW-39	17-Feb-10	5438.43		7.11		5431.32	6.64	6.092	1.22	8.11	244.4	2.10
TW-39	12-May-10	5438.43		6.98		5431.45	6.93	6.104	1.91	12.70	214.3	3.75
TW-39	19-Aug-10	5438.43		7.42		5431.01	7.19	3.956	0.30	22.67	359.2	2.50
TW-39	16-Nov-10	5438.43		7.95		5430.48	7.17	4.224	0.85	15.29	-20.8	3.00
TW-39	17-Feb-11	5438.43		9.01		5429.42	NM	NM	NM	NM	NM	NM
TW-39	19-May-11	5438.43		7.73		5430.70	7.13	4.654	1.00	11.84	-18.2	0.50
TW-39	24-Aug-11	5438.43		7.97		5430.46	NM	NM	NM	NM	NM	NM
TW-39	17-Nov-11	5438.43		7.98		5430.45	7.18	4.189	0.63	14.26	-21.5	1.00
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-39	14-May-13	5438.43		8.24		5430.19	NM	NM	NM	NM	NM	NM

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-39	12-Aug-13	5438.43		8.15		5430.28	NM	NM	NM	NM	NM	NM
TW-39	03-Dec-13	5438.43		7.91		5430.52	8.07	2.843	0.09	13.58	116.5	NM
TW-39	19-Feb-14	5438.43		7.76		5430.67	NM	NM	NM	NM	NM	NM
TW-40	18-Dec-08	5437.50		5.30		5432.20	Not Sampled - Sheen of NAPL Present					
TW-40	26-Jan-09	5437.50		7.27		5430.23	NM	NM	NM	NM	NM	NM
TW-40	13-Aug-09	5437.50	7.90	8.53	0.63	5429.49	Not Sampled - NAPL present					
TW-40	13-Nov-09	5437.50	7.93	8.49	0.56	5429.47	NM	NM	NM	NM	NM	NM
TW-40	16-Feb-10	5437.50	6.84	7.76	0.92	5430.50	NM	NM	NM	NM	NM	NM
TW-40	07-May-10	5437.50	6.78	7.90	1.12	5430.53	NM	NM	NM	NM	NM	NM
TW-40	18-Aug-10	5437.50	7.50	7.88	0.38	5429.93	NM	NM	NM	NM	NM	NM
TW-40	15-Nov-10	5437.50	7.97	8.51	0.54	5429.44	NM	NM	NM	NM	NM	NM
TW-40	17-Feb-11	5437.50	7.94	8.38	0.44	5429.48	NM	NM	NM	NM	NM	NM
TW-40	17-May-11	5437.50	7.72	8.19	0.47	5429.70	Not Sampled - NAPL Present					
TW-40	24-Aug-11	5437.50	8.07	8.69	0.62	5429.32	Not Sampled - NAPL Present					
TW-40	16-Nov-11	5437.50	8.01	8.51	0.50	5429.40	Not Sampled - NAPL Present					
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-40	14-May-13	5437.50	7.83	7.85	0.02	5429.67	NM	NM	NM	NM	NM	NM
TW-40	12-Aug-13	5437.50	8.27	8.52	0.25	5429.19	NM	NM	NM	NM	NM	NM
TW-40	21-Nov-13	5437.50	7.90	7.92	0.02	5429.60	NM	NM	NM	NM	NM	NM
TW-40	19-Feb-14	5437.50	7.66	7.69	0.03	5429.83	NM	NM	NM	NM	NM	NM
TW-41	18-Dec-08	5434.77		5.85		5428.92	6.16	5.669	3.92	10.95	-339.4	1.25

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
 Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-41	26-Jan-09	5434.77		5.59		5429.18	NM	NM	NM	NM	NM	NM
TW-41	24-Aug-09	5434.77		6.27		5428.50	6.72	9.811	8.50	20.12	126.3	2.50
TW-41	16-Feb-10	5434.77		5.34		5429.43	6.06	8.192	0.46	8.01	461.4	3.00
TW-41	12-May-10	5434.77		5.17		5429.60	7.01	5.881	1.30	12.95	229.2	3.75
TW-41	20-Aug-10	5434.77		5.70		5429.07	7.07	5.434	0.52	20.38	197.0	2.50
TW-41	16-Nov-10	5434.77		6.12		5428.65	6.93	5.792	0.69	14.43	-6.7	3.00
TW-41	17-Feb-11	5434.77		6.06		5428.71	NM	NM	NM	NM	NM	NM
TW-41	18-May-11	5434.77		5.92		5428.85	7.05	5.675	0.78	13.17	-13.9	0.50
TW-41	24-Aug-11	5434.77		6.36		5428.41	NM	NM	NM	NM	NM	NM
TW-41	22-Nov-11	5434.77		6.27		5428.50	7.19	3.813	0.59	12.23	-21.6	1.00
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-41	10-May-13	5434.77		5.85		5428.92	7.10	3.648	0.72	13.78	-17.0	3.0
TW-41	12-Aug-13	5434.77		6.11		5428.66	NM	NM	NM	NM	NM	NM
TW-41	03-Dec-13	5434.77		6.18		5428.59	7.90	4.928	0.13	12.57	38.1	NM
TW-41	19-Feb-14	5434.77		5.91		5428.86	NM	NM	NM	NM	NM	NM
TW-42	16-Dec-08	5433.76		6.09		5427.67	6.48	6.036	1.07	12.04	23.5	1.25
TW-42	26-Jan-09	5433.76		5.97		5427.79	NM	NM	NM	NM	NM	NM
TW-42	24-Aug-09	5433.76		6.37		5427.39	7.23	10.81	6.43	19.48	219.0	2.50
TW-42	16-Feb-10	5433.76		5.84		5427.92	6.43	7.885	2.50	7.78	456.9	3.00
TW-42	12-May-10	5433.76		5.55		5428.21	7.27	5.816	2.60	12.54	233.5	3.75
TW-42	20-Aug-10	5433.76		6.05		5427.71	7.34	6.146	1.34	19.81	266.2	2.50
TW-42	16-Nov-10	5433.76		6.21		5427.55	7.26	6.589	1.84	14.17	-25.8	3.00

TABLE 1

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

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-42	17-Feb-11	5433.76		6.07		5427.69	NM	NM	NM	NM	NM	NM
TW-42	17-May-11	5433.76		6.02		5427.74	NM	NM	NM	NM	NM	NM
TW-42	24-Aug-11	5433.76		6.47		5427.29	NM	NM	NM	NM	NM	NM
TW-42	22-Nov-11	5433.76		6.43		5427.33	7.31	4.216	0.88	12.53	-28.4	1.00
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
TW-42	10-May-13	5433.76		5.76		5428.00	6.67	4.015	2.23	15.23	40.3	3.0
TW-42	12-Aug-13	5433.76		5.93		5427.83	NM	NM	NM	NM	NM	NM
TW-42	04-Dec-13	5433.76		6.05		5427.71	8.06	2.229	0.34	10.29	59.1	NM
TW-42	19-Feb-14	5433.76		6.00		5427.76	NM	NM	NM	NM	NM	NM
TW-43	16-Dec-08	5440.42		12.19		5428.23	6.35	6.716	1.01	14.39	7.0	1.25
TW-43	26-Jan-09	5440.42		12.10		5428.32	NM	NM	NM	NM	NM	NM
TW-43	24-Aug-09	5440.42		12.44		5427.98	6.94	8.834	6.92	17.73	204.1	3.00
TW-43	16-Feb-10	5440.42		12.11		5428.31	6.79	7.655	3.56	12.46	431.3	3.00
TW-43	12-May-10	5440.42		11.82		5428.60	7.01	4.736	1.60	12.89	225.4	3.75
TW-43	20-Aug-10	5440.42		12.29		5428.13	6.98	4.873	1.00	17.72	299.0	2.50
TW-43	16-Nov-10	5440.42		12.34		5428.08	6.94	5.273	0.84	16.58	-7.3	3.00
TW-43	17-Feb-11	5440.42		12.19		5428.23	NM	NM	NM	NM	NM	NM
TW-43	18-May-11	5440.42		12.15		5428.27	6.93	5.144	0.44	13.07	-7.1	0.50
TW-43	24-Aug-11	5440.42		12.58		5427.84	NM	NM	NM	NM	NM	NM
TW-43	22-Nov-11	5440.42		12.47		5427.95	7.21	3.383	1.52	13.06	-23.1	NM
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

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
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-43	13-May-13	5440.42		12.24		5428.18	6.86	5.920	1.69	14.88	33.5	3.0
TW-43	12-Aug-13	5440.42		12.66		5427.76	NM	NM	NM	NM	NM	NM
TW-43	04-Dec-13	5440.42		12.28		5428.14	7.92	3.034	0.41	12.69	96.1	NM
TW-43	19-Feb-14	5440.42		12.18		5428.24	NM	NM	NM	NM	NM	NM
TW-44	17-Dec-08	5444.08		12.66		5431.42	6.71	6.494	2.75	15.75	-43.4	1.25
TW-44	26-Jan-09	5444.08		14.93		5429.15	NM	NM	NM	NM	NM	NM
TW-44	24-Aug-09	5444.08		15.15		5428.93	6.74	9.788	6.47	16.80	248.3	1.50
TW-44	18-Feb-10	5444.08	15.02	15.04	0.02	5429.06	NM	NM	NM	NM	NM	NM
TW-44	07-May-10	5444.08	14.66	14.68	0.02	5429.42	NM	NM	NM	NM	NM	NM
TW-44	18-Aug-10	5444.08	14.98	15.00	0.02	5429.10	NM	NM	NM	NM	NM	NM
TW-44	15-Nov-10	5444.08	15.12	15.15	0.03	5428.95	NM	NM	NM	NM	NM	NM
TW-44	17-Feb-11	5444.08	15.02	15.03	0.01	5429.06	NM	NM	NM	NM	NM	NM
TW-44	17-May-11	5444.08	14.96	15.01	0.05	5429.11		Not Sampled - NAPL Present				
TW-44	23-Aug-11	5444.08	15.34	15.37	0.03	5428.73		Not Sampled - NAPL Present				
TW-44	16-Nov-11	5444.08	15.32	16.06	0.74	5428.63		Not Sampled - NAPL Present				
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-44	14-May-13	5444.08	14.96	16.04	1.08	5428.93	NM	NM	NM	NM	NM	NM
TW-44	12-Aug-13	5444.08	15.28	16.53	1.25	5428.58	NM	NM	NM	NM	NM	NM
TW-44	21-Nov-13	5444.08	15.02	16.11	1.09	5428.87	NM	NM	NM	NM	NM	NM

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-44	19-Feb-14	5444.08	14.90	15.95	1.05	5429.00	NM	NM	NM	NM	NM	NM
TW-45	13-May-10	TBS		6.58			7.01	5.204	4.93	11.52	179.0	3.75
TW-45	20-Aug-10	TBS		7.06			6.98	5.245	1.84	19.10	234.6	2.50
TW-45	17-Nov-10	TBS		7.09			6.93	5.564	0.97	14.24	-7.2	0.50
TW-45	23-Feb-11	TBS		7.01			NM	NM	NM	NM	NM	NM
TW-45	18-May-11	TBS		7.20			6.98	3.793	0.84	11.97	-9.7	2.00
TW-45	24-Aug-11	TBS		7.40			NM	NM	NM	NM	NM	NM
TW-45	15-Nov-11	TBS		7.23			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-45	13-May-13	TBS		6.95			7.08	6.765	1.13	15.23	17.6	3.0
TW-45	13-Aug-13	TBS		7.44			NM	NM	NM	NM	NM	NM
TW-45	04-Dec-13	TBS		6.99			8.03	3.089	0.38	9.92	-224.0	NM
TW-45	19-Feb-14	TBS		6.87			NM	NM	NM	NM	NM	NM
TW-46	13-May-10	TBS		6.86			7.15	4.889	4.72	12.28	206.5	3.75
TW-46	20-Aug-10	TBS		7.31			7.13	5.262	1.14	19.45	241.2	0.50
TW-46	15-Nov-10	TBS		7.41			NM	NM	NM	NM	NM	NM
TW-46	23-Feb-11	TBS		7.34			NM	NM	NM	NM	NM	NM
TW-46	18-May-11	TBS		6.89			7.12	2.778	0.72	12.26	-17.7	0.50
TW-46	24-Aug-11	TBS		7.71			NM	NM	NM	NM	NM	NM
TW-46	22-Nov-11	TBS		7.67			7.39	5.122	1.53	13.16	-33.2	NM
TW-46	29-Feb-12	TBS		7.36			NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
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-46	14-May-13	TBS		7.26			NM	NM	NM	NM	NM	NM
TW-46	13-Aug-13	TBS		7.68			NM	NM	NM	NM	NM	NM
TW-46	04-Dec-13	TBS		7.34			8.15	3.780	0.50	10.91	-0.2	NM
TW-46	19-Feb-14	TBS		7.21			NM	NM	NM	NM	NM	NM
TW-47	13-May-10	TBS		6.04			7.23	11.86	3.36	12.89	214.8	3.75
TW-47	20-Aug-10	TBS		6.67			7.20	11.46	1.16	20.71	241.0	0.50
TW-47	17-Nov-10	TBS		6.93			7.08	10.79	2.09	14.87	-15.4	0.50
TW-47	23-Feb-11	TBS		6.94			NM	NM	NM	NM	NM	NM
TW-47	17-May-11	TBS		6.79			NM	NM	NM	NM	NM	NM
TW-47	24-Aug-11	TBS		7.31			NM	NM	NM	NM	NM	NM
TW-47	22-Nov-11	TBS		6.79			7.22	12.17	1.55	12.67	-23.4	1.00
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
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-47	14-May-13	TBS		7.85			NM	NM	NM	NM	NM	NM
TW-47	13-Aug-13	TBS		7.23			NM	NM	NM	NM	NM	NM
TW-47	04-Dec-13	TBS		6.83			8.15	6.577	0.52	10.17	42.6	NM
TW-47	19-Feb-14	TBS		6.80			NM	NM	NM	NM	NM	NM
TW-48	12-May-10	TBS		6.90			6.95	5.924	3.43	13.25	231.8	3.75

TABLE 1

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

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-48	19-Aug-10	TBS		7.18			6.85	5.861	1.75	21.73	405.2	2.50
TW-48	15-Nov-10	TBS		7.39			NM	NM	NM	NM	NM	NM
TW-48	17-Feb-11	TBS		7.31			NM	NM	NM	NM	NM	NM
TW-48	17-May-11	TBS		7.30			NM	NM	NM	NM	NM	NM
TW-48	24-Aug-11	TBS		7.50			NM	NM	NM	NM	NM	NM
TW-48	16-Nov-11	TBS		7.39			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-48	14-May-13	TBS	Not Measured - Root Growth at 7.0'									
TW-48	13-Aug-13	TBS	Not Measured - Root Growth at 7.0'									
TW-48	03-Dec-03	TBS	Not Measured - Root Growth at 7.0'									
TW-48	19-Feb-14	TBS		7.18			NM	NM	NM	NM	NM	NM
TW-49	17-May-10	TBS		5.32			7.73	6.88	3.06	15.48	228.50	0.00
TW-49	20-Aug-10	TBS		5.84			NM	NM	NM	NM	NM	NM
TW-49	15-Nov-10	TBS		6.36			NM	NM	NM	NM	NM	NM
TW-49	23-Feb-11	TBS		6.27			NM	NM	NM	NM	NM	NM
TW-49	17-May-11	TBS		6.24			NM	NM	NM	NM	NM	NM
TW-49	24-Aug-11	TBS		6.61			NM	NM	NM	NM	NM	NM
TW-49	22-Nov-11	TBS		6.14			NM - Roots in well					
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

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-49	11-Feb-13	TBS		6.25			NM	NM	NM	NM	NM	NM
TW-49	14-May-13	TBS		6.33			NM	NM	NM	NM	NM	NM
TW-49	13-Aug-13	TBS		6.70			NM	NM	NM	NM	NM	NM
TW-49	04-Dec-13	TBS		5.98			8.07	5.430	0.68	7.39	80.8	NM
TW-49	19-Feb-14	TBS		5.89			NM	NM	NM	NM	NM	NM
TW-50	12-May-10	TBS		7.30			6.92	5.815	1.25	13.27	231.5	3.75
TW-50	19-Aug-10	TBS		7.67			6.96	5.946	0.45	22.26	334.4	2.50
TW-50	15-Nov-10	TBS		8.06			NM	NM	NM	NM	NM	NM
TW-50	17-Feb-11	TBS		7.99			NM	NM	NM	NM	NM	NM
TW-50	19-May-11	TBS		7.89			7.13	5.337	0.78	12.42	-18.3	0.50
TW-50	24-Aug-11	TBS		8.08			NM	NM	NM	NM	NM	NM
TW-50	17-Nov-11	TBS		8.08			7.19	4.889	0.35	16.56	-21.9	1.00
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-50	14-May-13	TBS		8.12			NM	NM	NM	NM	NM	NM
TW-50	13-Aug-13	TBS	8.28	8.42	0.14		NM	NM	NM	NM	NM	NM
TW-50	05-Dec-13	TBS	7.96	8.38	0.42		NM	NM	NM	NM	NM	NM
TW-50	19-Feb-14	TBS	7.82	8.21	0.42		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-51	14-May-13	TBS		6.92			NM	NM	NM	NM	NM	NM

TABLE 1

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

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
TW-51	13-Aug-13	TBS		7.37			NM	NM	NM	NM	NM	NM
TW-51	05-Dec-13	TBS		6.94			7.83	3.961	0.13	10.58	32.0	NM
TW-51	19-Feb-14	TBS		6.80			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
TW-52	11-Feb-13	TBS		7.52			NM	NM	NM	NM	NM	NM
TW-52	13-May-13	TBS		7.33			7.20	8.553	0.81	14.93	4.8	1.0
TW-52	13-Aug-13	TBS		7.93			NM	NM	NM	NM	NM	NM
TW-52	05-Dec-13	TBS		7.31			7.90	7.811	0.22	9.19	153.3	NM
TW-52	19-Feb-14	TBS		7.20			NM	NM	NM	NM	NM	NM
TW-53	11-Feb-13	TBS		7.24			NM	NM	NM	NM	NM	NM
TW-53	13-May-13	TBS		7.05			7.39	9.674	0.89	15.30	9.1	3.0
TW-53	13-Aug-13	TBS		7.64			NM	NM	NM	NM	NM	NM
TW-53	05-Dec-13	TBS		7.06			8.01	5.312	0.18	10.12	130.4	NM
TW-53	19-Feb-14	TBS		6.94			NM	NM	NM	NM	NM	NM
TW-54	11-Feb-13	TBS		7.66			NM	NM	NM	NM	NM	NM
TW-54	13-May-13	TBS		7.50			7.39	7.696	0.68	14.27	2.4	3.0
TW-54	13-Aug-13	TBS		8.88			NM	NM	NM	NM	NM	NM
TW-54	06-Dec-13	TBS		7.54			7.91	3.632	0.10	9.11	79.4	NM
TW-54	19-Feb-14	TBS		7.39			NM	NM	NM	NM	NM	NM
MW-5	30-Jan-02	5428.97		5.33								P
MW-5	25-Jul-02	5428.97		5.73			7.8	4.78	1.18	69		P
MW-5	21-Nov-02	5428.97		5.43								
MW-5	05-Jun-03	5428.97		5.02			8.0	3.07	1.44	59.4		B

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
MW-5	19-Jan-04	5428.97		5.25			7.7	1.14	2.61	47.6		P
MW-5	25-May-04	5428.97		5.04			7.5	3.21	0.45	60.4		3.00
MW-5	27-Jul-04	5428.97		5.43			8.1	4.07		75.5		B
MW-5	28-Dec-04	5428.97		5.26			8.0					MP
MW-5	31-Mar-05	5428.97		4.62			7.3	2.77	0.39	52.7		MP
MW-5	19-Sep-05	5428.97	DRY	DRY	DRY		NM	NM	NM	NM		
MW-5	5-Jan-06	5428.97	DRY	DRY	DRY		NM	NM	NM	NM		
MW-5	27-Jun-06	5428.97		5.43			7.2	4.197	0.37	16		3
MW-5	28-Dec-06	5428.97		4.88			7.3	7.927	0.54	10.4		3
MW-5	3-Jul-07	5428.97		5.07			7.86	4.478	2.93	16.4		1.7
Not Sampled - Filled with Roots												
MW-5	18-Dec-07	5428.97				5423.93	6.76	7.748	4.02	11.73		0.25
MW-5	19-Dec-08	5428.97		5.04		5423.93	6.76	7.748	4.02	11.73		0.25
MW-5	19-Dec-08	5428.97		5.04		5424.24	7.39	8.422	3.30	9.93	403.1	3.00
MW-5	18-Feb-10	5428.97		4.73		5424.65	7.35	6.146	2.68	11.52	225.3	3.75
MW-5	12-May-10	5428.97		4.32		5423.98	NM	NM	NM	NM	NM	NM
MW-5	18-Aug-10	5428.97		4.99		5423.80	7.62	6.121	1.36	14.15	-46.2	3.00
MW-5	17-Nov-10	5428.97		5.17		5423.89	NM	NM	NM	NM	NM	NM
MW-5	17-Feb-11	5428.97		5.08		5423.94	NM	NM	NM	NM	NM	NM
MW-5	17-May-11	5428.97		5.03		5423.28	NM	NM	NM	NM	NM	NM
MW-5	24-Aug-11	5428.97		5.69		5423.33	NM	NM	NM	NM	NM	NM
MW-5	16-Nov-11	5428.97		5.64		5423.88	NM	NM	NM	NM	NM	NM
MW-5	28-Feb-12	5428.97		5.09		5423.84	NM	NM	NM	NM	NM	NM
MW-5	22-May-12	5428.97		5.13		5423.73	NM	NM	NM	NM	NM	NM
MW-5	13-Aug-12	5428.97		5.24			NM	NM	NM	NM	NM	NM
MW-5	12-Nov-12	5428.97		DRY			NM	NM	NM	NM	NM	NM
MW-5	11-Feb-13	5428.97		5.19		5423.78	NM	NM	NM	NM	NM	NM
MW-5	14-May-13	5428.97		DRY			NM	NM	NM	NM	NM	NM

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
 Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
MW-5	13-Aug-13	5428.97		5.45		5423.52	NM	NM	NM	NM	NM	NM
MW-5	05-Dec-13	5428.97		DRY			NM	NM	NM	NM	NM	NM
MW-5	19-Feb-14	5428.97		DRY			NM	NM	NM	NM	NM	NM
MW-7	1-Feb-02	5435.28		5.32		37288.00						No Sample
MW-7	29-Jul-02	5435.28		6.11		37466.00						No Sample
MW-7	6-Jun-03	5435.28		9.06		37778.00						No Sample
MW-7	19-Jan-04	5435.28		9.06		38005.00	7.0	2.827	0.93	49.7		P
MW-7	25-May-04	5435.28		9.14		38132.00	6.8	3.76	0.27	63.2		3
MW-7	27-Jul-04	5435.28		9.08		38195.00	7.3	5.32		72.8		B
MW-7	28-Dec-04	5435.28		9.05		38349.00	7.8					MP
MW-7	31-Mar-05	5435.28		7.67		38442.00	6.5	3.011	0.5	52		MP
MW-7	19-Sep-05	5435.28		9.20		38614.00	7.0	4.802	0.41	70.8		
MW-7	4-Jan-06	5435.28		8.14		38721.00	7.0	3.625	0.48	14.5		3
MW-7	02-Jan-07	5435.28		8.75		39084.00	NM	NM	NM	NM		No Sample
MW-7	19-Dec-07	5435.28		8.43		39435.00	NM	NM	NM	NM		No Sample
MW-7	17-May-10	5435.28		8.50		5426.78	6.95	6.66	3.08	13.83	217.6	3.75
MW-7	19-Aug-10	5435.28		8.20		5427.08	7.07	5.994	1.33	20.45	325.3	2.50
MW-7	15-Nov-10	5435.28		8.83		5426.45	NM	NM	NM	NM	NM	No Sample
MW-7	17-Feb-11	5435.28		8.76		5426.52	NM	NM	NM	NM	NM	NM
MW-7	17-May-11	5435.28		8.58		5426.70	NM	NM	NM	NM	NM	NM
MW-7	24-Aug-11	5435.28		9.03		5426.25	NM	NM	NM	NM	NM	NM
MW-7	16-Nov-11	5435.28		8.86		5426.42	NM	NM	NM	NM	NM	NM
MW-7	28-Feb-12	5435.28		8.69		5426.59	NM	NM	NM	NM	NM	NM
MW-7	22-May-12	5435.28		8.08		5427.20	NM	NM	NM	NM	NM	NM
MW-7	13-Aug-12	5435.28		8.84		5426.44	NM	NM	NM	NM	NM	NM
MW-7	12-Nov-12	5435.28		9.09		5426.19	7.39	4.585	1.20	13.05	-33.4	3.0

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
MW-7	11-Feb-13	5435.28		8.88		5426.40	NM	NM	NM	NM	NM	NM
MW-7	13-May-13	5435.28		8.76		5426.52	6.92	6.802	0.90	15.50	7.2	3.0
MW-7	13-Aug-13	5435.28		9.24		5426.04	NM	NM	NM	NM	NM	NM
MW-7	06-Dec-13	5435.28		8.72		5426.56	8.12	8.218	0.18	10.75	-141.4	NM
MW-7	19-Feb-14	5435.28		8.42		5426.86	NM	NM	NM	NM	NM	NM
MW-20	31-Jan-02	5430.45		6.04								P
MW-20	26-Jul-02	5430.45		6.31			7.2	2.95	1.22	79.6		P
MW-20	20-Nov-02	5430.45		5.85			7.1	1.9	0.30	55.0		P
MW-20	5-Jun-03	5430.45		5.89			7.1	3.43	1.58	58.1		
MW-20	20-Jan-04	5430.45		6.08			7.5	0.35	3.23	51.8		P
MW-20	25-May-04	5430.45		5.90			7.1	4.01	1.2	72.3		1.5
MW-20	27-Jul-04	5430.45		6.29			7.0	5.12		66.1		B
MW-20	29-Dec-04	5430.45		6.07								MP
MW-20	1-Apr-05	5430.45		5.69			6.5	2.378	0.55	54.4		
MW-20	19-Sep-05	5430.45		6.02			7.0	3.466	0.37	66.1		
MW-20	4-Jan-06	5430.45		5.85			7.0	3.47	0.6	12.3		3
MW-20	28-Jun-06	5430.45		6.18			6.7	4.979	0.34	17.8		3
MW-20	28-Dec-06	5430.45		5.50			7.0	8.505	0.51	8.9		3
MW-20	2-Jul-07	5430.45		5.75			7.0	4.841	1.32	16.09		2.6
MW-20	18-Dec-07	5430.45		5.89			7.05	5.621	2.89	12.10		1.25
MW-20	21-Jan-09	5430.45		5.86			6.73	5.996	3.58	8.34		0.5
MW-20	18-Feb-10	5430.45		5.81		5424.64	6.67	7.249	3.67	8.20	395.0	2.50
MW-20	13-May-10	5430.45		5.52		5424.93	6.96	4.948	2.09	10.89	216.9	3.75
MW-20	20-Aug-10	5430.45		6.01		5424.44	7.12	4.836	1.09	18.44	236.4	2.50
MW-20	17-Nov-10	5430.45		6.05		5424.40	6.94	5.167	0.40	13.63	-7.7	0.50
MW-20	23-Feb-11	5430.45		5.92		5424.53	NM	NM	NM	NM	NM	NM

TABLE 1

SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA

Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
MW-20	18-May-11	5430.45		5.88		5424.57	6.99	3.637	0.69	11.33	-10.6	2.00
MW-20	24-Aug-11	5430.45		6.35		5424.10	NM	NM	NM	NM	NM	NM
MW-20	22-Nov-11	5430.45		6.22		5424.23	7.20	4.983	1.02	12.81	-22.1	1.00
MW-20	29-Feb-12	5430.45		5.99		5424.46	NM	NM	NM	NM	NM	NM
MW-20	21-May-12	5430.45		6.04		5424.41	7.09	4.748	0.38	14.15	-15.8	NM
MW-20	13-Aug-12	5430.45		6.13		5424.32	NM	NM	NM	NM	NM	NM
MW-20	12-Nov-12	5430.45		6.19		5424.26	7.33	4.164	0.39	12.81	-29.5	3.0
MW-20	11-Feb-13	5430.45		6.09		5424.36	NM	NM	NM	NM	NM	NM
MW-20	13-May-13	5430.45		5.90		5424.55	7.13	6.598	0.41	13.97	-14.4	3.0
MW-20	13-Aug-13	5430.45		6.31		5424.14	NM	NM	NM	NM	NM	NM
MW-20	06-Dec-13	5430.45		5.99		5424.46	8.01	4.657	0.10	9.49	54.1	NM
MW-20	19-Feb-14	5430.45		5.85		5424.60	NM	NM	NM	NM	NM	NM
MW-21	30-Jan-02	5428.62		3.41								P
MW-21	26-Jul-02	5428.62		4.15								
MW-21	22-Nov-02	5428.62		3.51			7.1	7.58	0.55	55.0		P
MW-21	5-Jun-03	5428.62		3.21			7.2	7.79	0.95	65.4		
MW-21	20-Jan-04	5428.62		3.57			7.4	0.31	3.40	46.7		P
MW-21	25-May-04	5428.62		3.49			7.2	7.56	0.49	64.5		2.5
MW-21	28-Jul-04	5428.62		4.12			7.3	11.42		67.1		B
MW-21	29-Dec-04	5428.62		3.36								MP
MW-21	1-Apr-05	5428.62		2.77			6.7	5.747	0.28	50.9		
MW-21	19-Sep-05	5428.62		3.84			7.2	8.598	0.39	67.8		
MW-21	4-Jan-06	5428.62		3.27			7.1	6.118	0.77	11.9		3
MW-21	28-Jun-06	5428.62		3.81			6.8	9.223	0.32	19.8		3
MW-21	02-Jan-07	5428.62		3.23			6.7	9.393	0.9	8.2		3
MW-21	02-Jul-07	5428.62		3.54			7.0	9.066	0.86	18.74		2.7

TABLE 1
SUMMARY OF GROUNDWATER MEASUREMENTS AND WATER QUALITY DATA
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Corrected GW Elev. (ft)	pH	Conductivity (mS)	Dissolved Oxygen (mg/L)	Temp. (°C)	ORP (mV)	Purge Volume (gallons)
MW-21	18-Dec-07	5428.62		3.54			7.12	8.043	0.62	12.90		3.25
MW-21	19-Dec-08	5428.62		3.43			6.79	7.562	9.78	11.04		1.25
MW-21	18-Feb-10	5428.62		2.86		5425.76	6.82	9.049	8.21	7.91	367.2	3.00
MW-21	13-May-10	5428.62		2.69		5425.93	7.06	7.075	1.74	12.41	224.9	3.75
MW-21	20-Aug-10	5428.62		3.31		5425.31	7.06	6.836	1.09	21.23	234.4	NM
MW-21	17-Nov-10	5428.62		3.68		5424.94	7.02	7.817	0.56	15.42	-12.0	0.50
MW-21	23-Feb-11	5428.62		3.65		5424.97	NM	NM	NM	NM	NM	NM
MW-21	18-May-11	5428.62		3.52		5425.10	7.07	5.026	1.05	13.05	-14.8	2.00
MW-21	24-Aug-11	5428.62		4.04		5424.58	NM	NM	NM	NM	NM	NM
MW-21	22-Nov-11	5428.62		3.64		5424.98	7.16	6.972	1.09	13.16	-20.1	1.00
MW-21	29-Feb-12	5428.62		3.52		5425.1	NM	NM	NM	NM	NM	NM
MW-21	21-May-12	5428.62		3.50		5425.12	7.21	6.073	0.99	15.48	-23.1	NM
MW-21	13-Aug-12	5428.62		3.88		5424.74	NM	NM	NM	NM	NM	NM
MW-21	12-Nov-12	5428.62		3.86		5424.76	7.27	4.794	1.02	12.85	-26.3	3.0
MW-21	11-Feb-13	5428.62		3.69		5424.93	NM	NM	NM	NM	NM	NM
MW-21	13-May-13	5428.62		3.62		5425.00	7.22	7.792	1.33	15.19	2.1	3.0
MW-21	13-Aug-13	5428.62		4.06		5424.56	NM	NM	NM	NM	NM	NM
MW-21	06-Dec-13	5428.62		3.65		5424.97	7.92	4.301	0.13	10.40	135.5	NM
MW-21	19-Feb-14	5428.62		3.53		5425.09	NM	NM	NM	NM	NM	NM

Notes: NM Not measured

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
Phase 1 Wells					
MPE-1	03-Mar-10			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-1	14-May-13	TBD		23.92	
MPE-1	14-Aug-13	TBD		24.34	
MPE-1	27-Dec-13	TBD		24.19	
MPE-1	21-Feb-14	TBD		24.07	
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-2	14-May-13	TBD	21.78	22.00	0.22
MPE-2	14-Aug-13	TBD	22.17	22.53	0.36
MPE-2	27-Dec-13	TBD	22.03	22.34	0.31
MPE-2	21-Feb-14	TBD	21.92	22.11	0.19
MPE-3	03-Mar-10	TBD		20.79	
MPE-3	10-May-10	TBD		20.63	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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	
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-3	14-May-13	TBD		21.10	
MPE-3	14-Aug-13	TBD		21.52	
MPE-3	27-Dec-13	TBD		21.36	
MPE-3	21-Feb-14	TBD		21.23	
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-4	14-May-13	TBD		20.28	
MPE-4	14-Aug-13	TBD		20.71	
MPE-4	27-Dec-13	TBD		20.54	
MPE-4	21-Feb-14	TBD		20.41	
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

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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-5	14-May-13	TBD	19.59	19.81	0.22
MPE-5	14-Aug-13	TBD	19.92	20.63	0.71
MPE-5	27-Dec-13	TBD	19.80	20.23	0.43
MPE-5	21-Feb-14	TBD	19.71	19.95	0.24
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	
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-6	14-May-13	TBD	19.94	20.08	0.14
MPE-6	14-Aug-13	TBD	20.34	20.60	0.26
MPE-6	27-Dec-13	TBD	20.18	20.42	0.24
MPE-6	21-Feb-14	TBD	20.07	20.23	0.16
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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-7	14-May-13	TBD		20.76	
MPE-7	14-Aug-13	TBD	21.18	21.20	0.02
MPE-7	27-Dec-13	TBD	21.02	21.04	0.02
MPE-7	21-Feb-14	TBD		20.9	
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-8	14-May-13	TBD		22.06	
MPE-8	14-Aug-13	TBD		22.48	
MPE-8	27-Dec-13	TBD		22.33	
MPE-8	21-Feb-14	TBD		22.19	
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	
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
MPE-9	19-Nov-12	TBD		24.06	
MPE-9	13-Feb-13	TBD		23.89	
MPE-9	14-May-13	TBD		23.76	
MPE-9	14-Aug-13	TBD		24.18	
MPE-9	27-Dec-13	TBD		24.03	
MPE-9	21-Feb-14	TBD		23.90	
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-10	14-May-13	TBD		23.55	
MPE-10	14-Aug-13	TBD		23.99	
MPE-10	27-Dec-13	TBD		23.82	
MPE-10	21-Feb-14	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-11	14-May-13	TBD	Dry		

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
MPE-11	14-Aug-13	TBD	NM-Root Growth at 21.6'		
MPE-11	27-Dec-13	TBD	Dry		
MPE-11	21-Feb-14	TBD	NM-Root Growth at 21.6'		
MPE-12	03-Mar-10	TBD		22.34	
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-12	14-May-13	TBD	Dry		
MPE-12	14-Aug-13	TBD	NM-Root Growth at 22.5'		
MPE-12	27-Dec-13	TBD	Dry		
MPE-12	21-Feb-14	TBD	NM-Root Growth at 22.6'		
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-13	14-May-13	TBD	23.00	23.03	0.03
MPE-13	14-Aug-13	TBD	23.33	23.93	0.60
MPE-13	27-Dec-13	TBD		23.22	
MPE-13	21-Feb-14	TBD	23.13	23.15	0.02

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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
MPE-14	13-Feb-13	TBD	22.22	22.26	0.04
MPE-14	14-May-13	TBD		22.14	
MPE-14	14-Aug-13	TBD	22.50	22.63	0.13
MPE-14	27-Dec-13	TBD	22.35	22.37	0.02
MPE-14	21-Feb-14	TBD		23.23	
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-16	14-May-13	TBD		20.24	
MPE-16	14-Aug-13	TBD		20.65	
MPE-16	27-Dec-13	TBD		20.49	
MPE-16	21-Feb-14	TBD		20.35	
MPE-17	03-Mar-10	TBD		20.11	
MPE-17	10-May-10	TBD		19.98	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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-17	14-May-13	TBD	20.44	20.46	0.02
MPE-17	14-Aug-13	TBD	20.82	20.86	0.04
MPE-17	27-Dec-13	TBD		20.68	
MPE-17	21-Feb-14	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	
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-18	14-May-13	TBD		19.56	
MPE-18	14-Aug-13	TBD		19.96	
MPE-18	27-Dec-13	TBD		19.80	
MPE-18	21-Feb-14	TBD		19.66	
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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	
MPE-19	14-May-13	TBD		19.31	
MPE-19	14-Aug-13	TBD		19.73	
MPE-19	27-Dec-13	TBD		19.53	
MPE-19	21-Feb-14	TBD		19.37	
Phase 2 Wells					
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-20	14-May-13	TBD		19.09	
MPE-20	14-Aug-13	TBD		19.45	
MPE-20	27-Dec-13	TBD		19.25	
MPE-20	21-Feb-14	TBD		19.13	
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
MPE-21	01-Mar-11	TBD		19.99	
MPE-21	20-May-11	TBD		19.93	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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-21	14-May-13	TBD	20.10	21.05	0.95
MPE-21	14-Aug-13	TBD	20.36	21.75	1.39
MPE-21	27-Dec-13	TBD	20.26	21.24	0.98
MPE-21	21-Feb-14	TBD	20.20	20.96	0.76
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-22	14-May-13	TBD	21.02	21.33	0.31
MPE-22	14-Aug-13	TBD	21.26	22.20	0.94
MPE-22	27-Dec-13	TBD	21.20	21.53	0.33
MPE-22	21-Feb-14	TBD	21.10	21.29	0.19
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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	
MPE-23	14-May-13	TBD		21.09	
MPE-23	14-Aug-13	TBD		21.46	
MPE-23	27-Dec-13	TBD	21.28	21.31	0.03
MPE-23	21-Feb-14	TBD	21.16	21.19	0.03
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-24	14-May-13	TBD		23.00	
MPE-24	14-Aug-13	TBD	23.36	23.51	0.15
MPE-24	27-Dec-13	TBD	23.18	23.39	0.21
MPE-24	21-Feb-14	TBD		23.10	
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
MPE-25	19-Nov-12	TBD		23.62	
MPE-25	13-Feb-13	TBD		23.45	
MPE-25	14-May-13	TBD		23.35	
MPE-25	14-Aug-13	TBD	23.75	23.77	0.02
MPE-25	27-Dec-13	TBD	23.55	23.57	0.02
MPE-25	21-Feb-14	TBD	23.43	23.45	0.02
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
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-26	14-May-13	TBD	23.02	23.86	0.84
MPE-26	14-Aug-13	TBD	23.42	24.45	1.03
MPE-26	27-Dec-13	TBD	23.22	24.14	0.92
MPE-26	21-Feb-14	TBD	23.12	23.89	0.77
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		

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
MPE-27	13-Feb-13	TBD	NM-Root Growth at 22'		
MPE-27	14-May-13	TBD	Dry		
MPE-27	14-Aug-13	TBD	NM-Root Growth at 22'		
MPE-27	27-Dec-13	TBD	Dry		
MPE-27	21-Feb-14	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-28	14-May-13	TBD	Dry		
MPE-28	14-Aug-13	TBD	NM-Root Growth at 22'		
MPE-28	27-Dec-13	TBD	Dry		
MPE-28	21-Feb-14	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	
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-29	14-May-13	TBD	Dry		
MPE-29	14-Aug-13	TBD	NM-Root Growth at 20.6'		

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
MPE-29	27-Dec-13	TBD	Dry		
MPE-29	21-Feb-14	TBD	NM-Root Growth at 21.5'		
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-30	14-May-13	TBD	Dry		
MPE-30	14-Aug-13	TBD	NM-Root Growth at 21.4'		
MPE-30	27-Dec-13	TBD	Dry		
MPE-30	21-Feb-14	TBD	NM-Root Growth at 21.3'		
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-31	14-May-13	TBD		22.80	
MPE-31	14-Aug-13	TBD	NM-Root Growth at 22.6'		
MPE-31	27-Dec-13	TBD	Dry		
MPE-31	21-Feb-14	TBD		22.81	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
MPE-33	03-Mar-10	TBD		22.34	
MPE-33	10-May-10	TBD		22.19	
MPE-33	17-Aug-10	TBD		22.39	
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-33	14-May-13	TBD	22.60	22.84	0.24
MPE-33	14-Aug-13	TBD	22.91	23.50	0.59
MPE-33	27-Dec-13	TBD	22.78	23.13	0.35
MPE-33	21-Feb-14	TBD	22.70	22.84	0.14
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-34	14-May-13	TBD	22.40	22.86	0.46
MPE-34	14-Aug-13	TBD	22.66	23.62	0.96
MPE-34	27-Dec-13	TBD	22.56	23.15	0.59
MPE-34	21-Feb-14	TBD	22.50	22.81	0.31
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

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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
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-35	14-May-13	TBD	21.02	21.28	0.26
MPE-35	14-Aug-13	TBD	21.22	22.19	0.97
MPE-35	27-Dec-13	TBD	21.15	21.53	0.38
MPE-35	21-Feb-14	TBD	21.08	21.16	0.08
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-36	14-May-13	TBD	20.22	20.40	0.18
MPE-36	14-Aug-13	TBD	20.44	21.15	0.71
MPE-36	27-Dec-13	TBD	20.33	20.68	0.35
MPE-36	21-Feb-14	TBD	20.26	20.34	0.08
MPE-37	03-Mar-10	TBD	20.11	20.67	0.56
MPE-37	18-May-10	TBD		19.98	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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-37	14-May-13	TBD		20.65	
MPE-37	14-Aug-13	TBD	20.85	21.42	0.57
MPE-37	27-Dec-13	TBD	20.52	21.75	1.23
MPE-37	21-Feb-14	TBD	20.45	21.43	0.98
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
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
MPE-38	14-May-13	TBD	20.13	20.15	0.02
MPE-38	14-Aug-13	TBD	20.45	20.52	0.07
MPE-38	27-Dec-13	TBD		20.26	
MPE-38	21-Feb-14	TBD		20.20	
Phase 3 Wells					
MPE-39	18-Jun-10	TBD		17.29	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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-39	14-May-13	TBD		17.81	
MPE-39	14-Aug-13	TBD		18.13	
MPE-39	27-Dec-13	TBD		17.88	
MPE-39	21-Feb-14	TBD		17.77	
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-40	14-May-13	TBD		18.01	
MPE-40	14-Aug-13	TBD		18.34	
MPE-40	27-Dec-13	TBD		18.10	
MPE-40	21-Feb-14	TBD		17.97	
MPE-41	18-Jun-10	TBD		18.14	
MPE-41	17-Aug-10	TBD	NM-Attached to RSI Unit		
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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-41	14-May-13	TBD		18.68	
MPE-41	14-Aug-13	TBD		19.00	
MPE-41	27-Dec-13	TBD		18.77	
MPE-41	21-Feb-14	TBD		18.65	
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-42	14-May-13	TBD	19.24	20.20	0.96
MPE-42	14-Aug-13	TBD	19.42	21.00	1.58
MPE-42	27-Dec-13	TBD	19.32	20.39	1.07
MPE-42	21-Feb-14	TBD	19.26	20.02	0.76
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
MPE-43	21-Feb-13	TBD		20.27	
MPE-43	14-May-13	TBD		20.28	
MPE-43	14-Aug-13	TBD		20.59	
MPE-43	27-Dec-13	TBD	20.35	20.55	0.20
MPE-43	21-Feb-14	TBD	20.24	20.29	0.05
MPE-44	18-Jun-10	TBD		19.95	
MPE-44	17-Aug-10	TBD	NM-Attached to RSI Unit		
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-44	14-May-13	TBD	20.30	20.95	0.65
MPE-44	14-Aug-13	TBD	20.53	21.59	1.06
MPE-44	27-Dec-13	TBD	20.44	21.05	0.61
MPE-44	21-Feb-14	TBD	20.36	20.75	0.39
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-45	14-May-13	TBD	20.52	20.62	0.10
MPE-45	14-Aug-13	TBD	20.70	21.80	1.10
MPE-45	27-Dec-13	TBD	20.61	21.11	0.50
MPE-45	21-Feb-14	TBD	20.53	20.75	0.22

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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-46	14-May-13	TBD		21.58	
MPE-46	14-Aug-13	TBD		21.98	
MPE-46	27-Dec-13	TBD		21.76	
MPE-46	21-Feb-14	TBD		21.65	
MPE-47	18-Jun-10	TBD		20.68	
MPE-47	17-Aug-10	TBD		20.92	
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-47	14-May-13	TBD	20.97	21.50	0.53
MPE-47	14-Aug-13	TBD	21.29	22.65	1.36
MPE-47	27-Dec-13	TBD	21.11	21.84	0.73
MPE-47	21-Feb-14	TBD	21.03	21.51	0.48
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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-48	14-May-13	TBD	Dry		
MPE-48	14-Aug-13	TBD	NM-Root Growth at 20'		
MPE-48	27-Dec-13	TBD	Dry		
MPE-48	21-Feb-14	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-49	14-May-13	TBD		19.45	
MPE-49	14-Aug-13	TBD	NM-Root Growth at 20'		
MPE-49	27-Dec-13	TBD		19.66	
MPE-49	21-Feb-14	TBD		19.50	
MPE-50	18-Jun-10	TBD		20.24	
MPE-50	17-Aug-10	TBD	NM-Attached to RSI Unit		
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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-50	14-May-13	TBD	20.63	21.08	0.45
MPE-50	14-Aug-13	TBD	21.04	21.60	0.56
MPE-50	06-Jan-14	TBD	20.77	21.17	0.40
MPE-50	21-Feb-14	TBD	20.64	21.07	0.43
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-51	14-May-13	TBD		21.16	
MPE-51	14-Aug-13	TBD		21.48	
MPE-51	06-Jan-14	TBD	21.27	21.34	0.07
MPE-51	21-Feb-14	TBD	21.15	21.16	0.01
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-52	14-May-13	TBD	20.97	21.06	0.09
MPE-52	14-Aug-13	TBD	21.15	21.91	0.76

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
MPE-52	06-Jan-14	TBD	21.04	21.30	0.26
MPE-52	21-Feb-14	TBD	20.94	21.11	0.17
MPE-53	18-Jun-10	TBD		19.23	
MPE-53	17-Aug-10	TBD		19.38	
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-53	14-May-13	TBD	19.68	20.06	0.38
MPE-53	14-Aug-13	TBD	19.85	20.95	1.10
MPE-53	06-Jan-14	TBD	19.71	20.35	0.64
MPE-53	21-Feb-14	TBD	19.65	20.03	0.38
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-54	14-May-13	TBD	19.42	19.69	0.27
MPE-54	14-Aug-13	TBD	19.58	20.64	1.06
MPE-54	06-Jan-14	TBD	19.45	19.80	0.35
MPE-54	21-Feb-14	TBD	19.37	19.59	0.22
MPE-55	18-Jun-10	TBD		18.36	
MPE-55	17-Aug-10	TBD		18.51	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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-55	14-May-13	TBD		18.93	
MPE-55	14-Aug-13	TBD		19.22	
MPE-55	06-Jan-14	TBD		18.96	
MPE-55	21-Feb-14	TBD		18.85	
MPE-56	18-Jun-10	TBD		13.80	
MPE-56	17-Aug-10	TBD		13.94	
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-56	14-May-13	TBD		14.35	
MPE-56	14-Aug-13	TBD		14.65	
MPE-56	06-Jan-14	TBD		14.37	
MPE-56	21-Feb-14	TBD		14.28	
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	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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	
MPE-57	14-May-13	TBD		15.02	
MPE-57	14-Aug-13	TBD		15.33	
MPE-57	06-Jan-14	TBD		15.08	
MPE-57	21-Feb-14	TBD		14.98	
Phase 4 Wells					
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-58	14-May-13	TBD		15.26	
MPE-58	14-Aug-13	TBD		15.56	
MPE-58	06-Jan-14	TBD		15.29	
MPE-58	21-Feb-14	TBD	15.18	15.20	0.02
MPE-59	25-May-12	TBD		14.08	
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-59	14-May-13	TBD		13.99	
MPE-59	14-Aug-13	TBD		14.28	
MPE-59	06-Jan-14	TBD		13.99	
MPE-59	21-Feb-14	TBD		13.90	
MPE-60	25-May-12	TBD		13.88	
MPE-60	14-Aug-12	TBD		14.34	
MPE-60	20-Nov-12	TBD		14.43	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
MPE-60	21-Feb-13	TBD		14.22	
MPE-60	14-May-13	TBD		14.30	
MPE-60	14-Aug-13	TBD		14.58	
MPE-60	06-Jan-14	TBD		14.30	
MPE-60	21-Feb-14	TBD		14.21	
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-61	14-May-13	TBD		14.14	
MPE-61	14-Aug-13	TBD		14.41	
MPE-61	06-Jan-14	TBD		14.13	
MPE-61	21-Feb-14	TBD		14.03	
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-62	14-May-13	TBD		14.20	
MPE-62	14-Aug-13	TBD		14.49	
MPE-62	06-Jan-14	TBD		14.20	
MPE-62	21-Feb-14	TBD		14.10	
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-63	14-May-13	TBD	15.12	15.74	0.62
MPE-63	14-Aug-13	TBD	15.33	16.42	1.09
MPE-63	06-Jan-14	TBD	15.10	15.79	0.69
MPE-63	21-Feb-14	TBD	15.04	15.43	0.39
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-64	14-May-13	TBD	15.46	15.66	0.20
MPE-64	14-Aug-13	TBD	15.60	16.64	1.04

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
MPE-64	06-Jan-14	TBD	15.45	15.91	0.46
MPE-64	21-Feb-14	TBD	15.37	15.56	0.19
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-65	14-May-13	TBD	16.19	16.25	0.06
MPE-65	14-Aug-13	TBD	16.42	16.75	0.33
MPE-65	06-Jan-14	TBD	16.21	16.55	0.34
MPE-65	21-Feb-14	TBD	16.15	16.22	0.07
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
MPE-66	14-May-13	TBD	16.35	16.40	0.05
MPE-66	14-Aug-13	TBD	16.51	17.40	0.89
MPE-66	06-Jan-14	TBD	16.43	16.62	0.19
MPE-66	21-Feb-14	TBD		16.35	
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-67	14-May-13	TBD	17.48	18.08	0.60
MPE-67	14-Aug-13	TBD	17.75	18.73	0.98
MPE-67	06-Jan-14	TBD	16.60	17.33	0.73
MPE-67	21-Feb-14	TBD	17.53	17.88	0.35
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-68	14-May-13	TBD	15.61	15.62	0.01
MPE-68	14-Aug-13	TBD		16.30	
MPE-68	06-Jan-14	TBD		15.85	
MPE-68	21-Feb-14	TBD		15.68	
MPE-69	14-Aug-12	TBD		15.50	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
MPE-69	20-Nov-12	TBD		15.45	
MPE-69	22-Feb-13	TBD		15.28	
MPE-69	14-May-13	TBD		15.25	
MPE-69	14-Aug-13	TBD		15.71	
MPE-69	06-Jan-14	TBD		15.40	
MPE-69	21-Feb-14	TBD		15.24	
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-70	14-May-13	TBD	15.60	16.15	0.55
MPE-70	14-Aug-13	TBD	15.80	16.68	0.88
MPE-70	06-Jan-14	TBD	15.67	16.12	0.45
MPE-70	21-Feb-14	TBD	15.61	15.71	0.10
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-71	14-May-13	TBD	15.73	16.40	0.67
MPE-71	14-Aug-13	TBD	15.85	16.85	1.00
MPE-71	06-Jan-14	TBD	15.77	16.12	0.35
MPE-71	21-Feb-14	TBD	15.71	15.73	0.02
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-72	14-May-13	TBD	16.25	16.68	0.43
MPE-72	14-Aug-13	TBD	16.50	16.89	0.39
MPE-72	06-Jan-14	TBD	16.26	16.40	0.14
MPE-72	21-Feb-14	TBD	16.15	16.28	0.13
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-73	14-May-13	TBD	16.06	16.12	0.06
MPE-73	14-Aug-13	TBD	16.21	18.09	1.88

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
MPE-73	06-Jan-14	TBD	15.98	17.04	1.06
MPE-73	21-Feb-14	TBD	15.92	16.69	0.77
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-74	14-May-13	TBD	14.88	15.48	0.60
MPE-74	14-Aug-13	TBD	15.27	16.28	1.01
MPE-74	06-Jan-14	TBD	14.91	15.73	0.82
MPE-74	21-Feb-14	TBD	14.83	15.47	0.64
MPE-75	22-Jun-12	TBD		12.91	
MPE-75	13-Aug-12	TBD	13.88	14.88	1.00
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-75	14-May-13	TBD	13.89	14.44	0.55
MPE-75	14-Aug-13	TBD	14.25	15.18	0.93
MPE-75	06-Jan-14	TBD	13.94	14.53	0.59
MPE-75	21-Feb-14	TBD	13.83	14.32	0.49
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-76	14-May-13	TBD	13.07	13.22	0.15
MPE-76	14-Aug-13	TBD	13.29	13.85	0.56
MPE-76	06-Jan-14	TBD	13.03	13.18	0.15
MPE-76	21-Feb-14	TBD	12.95	13.02	0.07
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-77	14-May-13	TBD	12.59	12.73	0.14
MPE-77	14-Aug-13	TBD	12.85	13.15	0.30
MPE-77	06-Jan-14	TBD	12.55	12.77	0.22
MPE-77	21-Feb-14	TBD	12.47	12.64	0.17

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
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
MPE-78	14-May-13	TBD	11.40	11.74	0.34
MPE-78	14-Aug-13	TBD	11.61	12.41	0.80
MPE-78	06-Jan-14	TBD	11.43	11.56	0.13
MPE-78	21-Feb-14	TBD	11.35	11.46	0.11
Phase 5 Wells					
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-79	14-May-13	TBD		11.35	
MPE-79	14-Aug-13	TBD		11.68	
MPE-79	06-Jan-14	TBD		11.25	
MPE-79	21-Feb-14	TBD		11.20	
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-80	14-May-13	TBD		9.00	
MPE-80	14-Aug-13	TBD		9.29	
MPE-80	06-Jan-14	TBD		8.84	
MPE-80	21-Feb-14	TBD		8.78	
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-81	14-May-13	TBD	10.61	11.27	0.66
MPE-81	14-Aug-13	TBD	10.79	12.08	1.29
MPE-81	06-Jan-14	TBD	10.58	11.00	0.42
MPE-81	21-Feb-14	TBD	10.51	10.86	0.35
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-82	14-May-13	TBD	10.88	11.40	0.52
MPE-82	14-Aug-13	TBD	11.15	11.66	0.51

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

<i>Well ID</i>	<i>Date</i>	<i>T.O.C. (ft amsl)</i>	<i>Depth to Product (ft)</i>	<i>Depth to Water (ft)</i>	<i>NAPL Thickness (ft)</i>
MPE-82	06-Jan-14	TBD		10.93	
MPE-82	21-Feb-14	TBD		10.79	
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
MPE-83	14-May-13	TBD	12.21	12.98	0.77
MPE-83	14-Aug-13	TBD	12.50	13.47	0.97
MPE-83	06-Jan-14	TBD	12.20	12.79	0.59
MPE-83	21-Feb-14	TBD	12.14	12.58	0.44
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-84	14-May-13	TBD	17.67	18.62	0.95
MPE-84	14-Aug-13	TBD	Active MPE--NM		
MPE-84	06-Jan-14	TBD	15.98	16.46	0.48
MPE-84	21-Feb-14	TBD	15.91	16.23	0.32
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-85	14-May-13	TBD	15.93	16.70	0.77
MPE-85	14-Aug-13	TBD	Active MPE--NM		
MPE-85	06-Jan-14	TBD	15.83	16.59	0.76
MPE-85	21-Feb-14	TBD	15.74	16.40	0.66
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-86	14-May-13	TBD	17.31	17.65	0.34
MPE-86	14-Aug-13	TBD	Active MPE--NM		
MPE-86	06-Jan-14	TBD		17.30	
MPE-86	21-Feb-14	TBD		17.17	
MPE-87	20-Nov-12	TBD		15.94	
MPE-87	22-Feb-13	TBD		15.79	
MPE-87	14-May-13	TBD		15.92	
MPE-87	14-Aug-13	TBD		16.20	
MPE-87	06-Jan-14	TBD		15.84	
MPE-87	21-Feb-14	TBD		15.74	

TABLE 2
SUMMARY OF GROUNDWATER AND FREE PRODUCT MEASUREMENTS OF
PHASES 1 through 5 MPE WELLS
Thriftway Refinery, 626 CR 5500, Bloomfield, New Mexico

Well ID	Date	T.O.C. (ft amsl)	Depth to Product (ft)	Depth to Water (ft)	NAPL Thickness (ft)
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-88	14-May-13	TBD	13.59	14.11	0.52
MPE-88	14-Aug-13	TBD	13.78	15.01	1.23
MPE-88	06-Jan-14	TBD	13.67	14.40	0.73
MPE-88	21-Feb-14	TBD	13.61	14.02	0.41
MPE-89	20-Nov-12	TBD		14.85	
MPE-89	22-Feb-13	TBD	14.62	14.86	0.24
MPE-89	14-May-13	TBD	14.70	15.45	0.75
MPE-89	14-Aug-13	TBD	14.78	16.00	1.22
MPE-89	06-Jan-14	TBD	14.69	15.26	0.57
MPE-89	21-Feb-14	TBD	14.63	14.83	0.20
MPE-90	20-Nov-12	TBD	14.81	15.49	0.68
MPE-90	22-Feb-13	TBD	14.62	15.52	0.90
MPE-90	14-May-13	TBD	14.63	15.58	0.95
MPE-90	14-Aug-13	TBD	14.88	16.23	1.35
MPE-90	06-Jan-14	TBD	14.79	15.37	0.58
MPE-90	21-Feb-14	TBD	14.70	15.01	0.31

FIGURE 1

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



Animas Environmental Services, LLC

DRAWN BY:	C. Lameman	DATE DRAWN:	May 14, 2013
REVISIONS BY:	C. Lameman	DATE REVISED:	March 11, 2014
CHECKED BY:	D. Watson	DATE CHECKED:	March 11, 2014
APPROVED BY:	E. McNally	DATE APPROVED:	March 11, 2014

LEGEND

 MONITOR WELL LOCATIONS



FIGURE 2

GROUNDWATER ELEVATION
CONTOURS
FEBRUARY 2014
THRIFTWAY REFINERY
626 ROAD 5500
BLOOMFIELD, NEW MEXICO



Animas Environmental Services, LLC

DRAWN BY:	C. Lameman	DATE DRAWN:	May 14, 2013
REVISIONS BY:	C. Lameman	DATE REVISED:	March 11, 2014
CHECKED BY:	D. Watson	DATE CHECKED:	March 11, 2014
APPROVED BY:	E. McNally	DATE APPROVED:	March 11, 2014

LEGEND

- MONITOR WELL LOCATIONS
- 5440.31 GROUNDWATER ELEVATION (AMSL)
- 5434 GROUNDWATER ELEVATION CONTOUR IN FEET (AMSL)

NOTE: GROUNDWATER MEASUREMENTS WERE MADE ON FEBRUARY 14, 19 AND 21, 2014. LOCATIONS OF TW-45 THROUGH TW-54 ARE APPROXIMATE.



FIGURE 3

FREE PRODUCT THICKNESS
CONTOURS
FEBRUARY 2014
THRIFTWAY REFINERY
626 ROAD 5500
BLOOMFIELD, NEW MEXICO



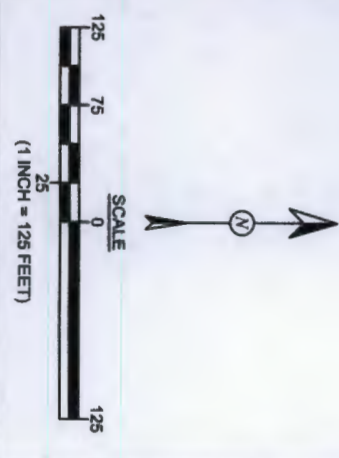
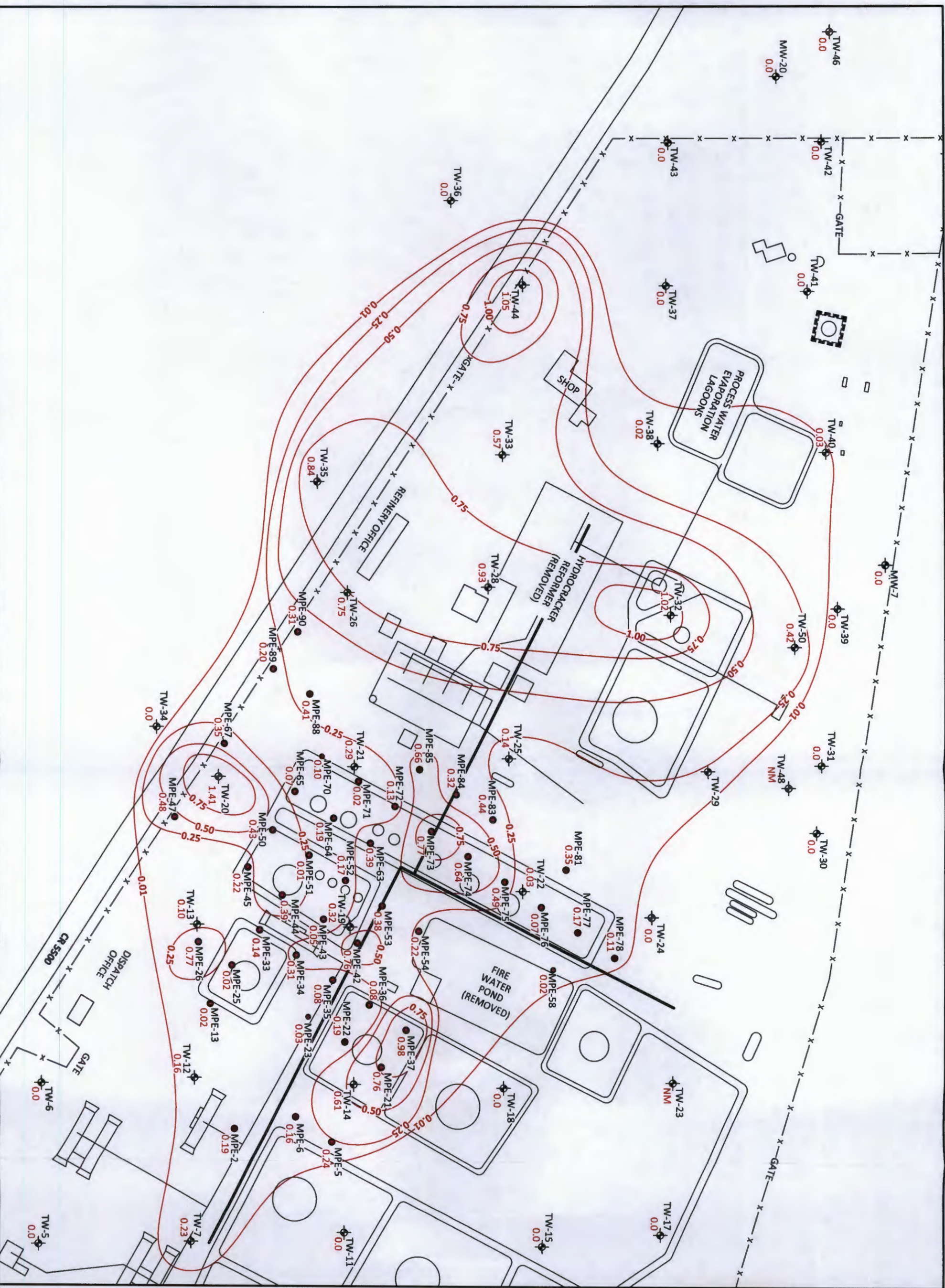
Animas Environmental Services, LLC

DRAWN BY:	C. Lameman	DATE DRAWN:	May 14, 2013
REVISIONS BY:	C. Lameman	DATE REVISED:	March 11, 2014
CHECKED BY:	D. Watson	DATE CHECKED:	March 11, 2014
APPROVED BY:	E. McNally	DATE APPROVED:	March 11, 2014

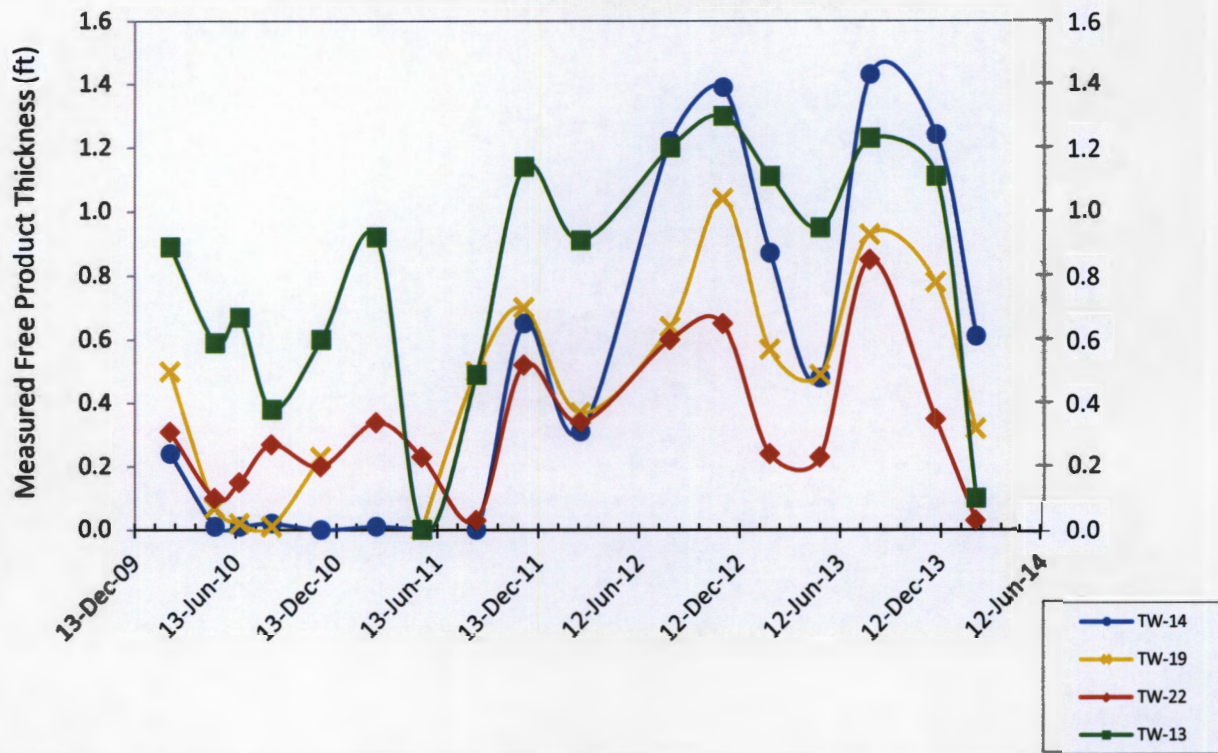
LEGEND

- MONITOR WELL LOCATIONS
- MPE REMEDIATION WELL
- 0.98 FREE PRODUCT THICKNESS IN FEET
- 0.50- CONTOUR IN FEET

NOTE: ALL MEASUREMENTS WERE MADE ON
FEBRUARY 14, 19, AND 21, 2014. LOCATIONS OF
TW-45 THROUGH TW-54 ARE APPROXIMATE.



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



DEPTH TO GROUNDWATER MEASUREMENT FORM

Animas Environmental Services

624 E. Comanche, Farmington NM 87401

Tel. (505) 564-2281 Fax (505) 324-2022

Project: Groundwater Monitoring

Site: Thriftway #810 Refinery

Location: Bloomfield, New Mexico

Tech: Mike Beuparlant

Project No.: AES 050204

Date: 2-14-14 (Sat)

Time: 13:00

Form: 1 of 5

Well I.D.	Time	Depth to NAPL (ft.)	Depth to Water (ft.)	NAPL Thickness (ft.)	Notes / Observations
TW-1	13:22		31.27'	-	
TW-2	13:26		29.49'		
TW-3	13:31		NM		Rooted in @ 28'
TW-4	13:38		19.60'		
TW-5	13:45		26.04'		
TW-6	13:49		25.22'		
TW-7	13:55	22.62'	22.85'		
TW-8	14:03		20.04'		
TW-9	14:14		12.46'		
TW-10	14:20		12.62'		
TW-11	14:30		18.48'		
TW-12	14:37	22.78	22.94'		
TW-13	15:00	20.85	20.95		
TW-14	08:55	17.33	17.94		
TW-15	09:07		13.37		
TW-16	09:10		NM		Rooted in @ 11'
TW-17	09:13		10.07'		
TW-18	09:20		16.62'		
TW-19	09:30	17.90	18.22		
TW-20	09:39	17.70	19.11		
TW-21	09:44	16.74	17.03		
TW-22	09:50	15.11	15.14		
TW-23	09:52		NM		Rooted in
TW-24	09:55		11.03'		
TW-25	09:58	14.37	14.51'		
TW-26	10:27	16.09	16.84'		
TW-28	10:33	15.45	16.38'		
TW-29	10:41		9.30'		
TW-30	10:46		5.96		
TW-31	10:50		7.04'		
TW-32	10:58	9.30'	10.32'		
TW-33	11:07	13.28'	13.57		
TW-34	11:20		20.17		

Wells measured with KECK water level or KECK interface tape, decontaminated between each well measurement.

DEPTH TO GROUNDWATER MEASUREMENT FORM

Animas Environmental Services

624 E. Comanche, Farmington NM 87401

Tel. (505) 564-2281 Fax (505) 324-2022

Project: Groundwater Monitoring

Site: Thriftway #810 Refinery

Location: Bloomfield, New Mexico

Tech: Mike Beauparlant

Project No.: AES 050204

Date: 2-21-14

Time: 09:00

Form: 3 of 5

Well I.D.	Time	Depth to NAPL (ft.)	Depth to Water (ft.)	NAPL Thickness (ft.)	Notes / Observations
MPE-1	09:04		24.07'		
MPE-2	09:06	21.92'	22.11'		
MPE-3	09:07		21.23'		
MPE-4	09:09		20.41'		
MPE-5	09:11	10.71'	19.95'		
MPE-6	09:12	20.07'	20.23'		
MPE-7	09:25		20.90'		
MPE-8	09:27		22.19'		
MPE-9	09:29		23.90'		
MPE-10	09:30		23.69'		
MPE-11	09:32		NM		ROUTED in @ 21.6'
MPE-12	09:34		NM		" 22.6'
MPE-13	09:35	23.13'	23.15'		
MPE-14	09:37		23.23'		
MPE-16	09:38		20.35'		
MPE-17	09:44		20.54'		
MPE-18	09:45		19.66'		
MPE-19	09:46		19.37'		
MPE-20	09:47		19.13'		
MPE-21	09:49	20.70'	20.96'		
MPE-22	09:51	21.10'	21.29'		
MPE-23	09:53	21.16'	21.19'		
MPE-24	09:55		23.10'		
MPE-25	09:56	23.43'	23.45'		
MPE-26	09:58	23.12'	23.89'		
MPE-27	09:59		NM		ROUTED in @ 22'
MPE-28	10:00		NM		" 22'
MPE-29	10:02		NM		21.6'
MPE-30	10:03		NM		21.3'
MPE-31	10:05		22.81'		
MPE-33	10:07	22.70'	22.84'		
MPE-34	10:08	22.50'	22.81'		
MPE-35	10:09	21.08'	21.16'		
MPE-36	10:11	20.26'	20.34'		

Wells measured with KECK water level or KECK interface tape, decontaminated between each well measurement.

DEPTH TO GROUNDWATER MEASUREMENT FORM

Animas Environmental Services

624 E. Comanche, Farmington NM 87401

Tel. (505) 564-2281 Fax (505) 324-2022

Project: Groundwater Monitoring

Site: Thriftway #810 Refinery

Location: Bloomfield, New Mexico

Tech: Mike Beauparlant

Project No.: AES 050204

Date:

Time:

Form: 4 of 5

Well I.D.	Time	Depth to NAPL (ft.)	Depth to Water (ft.)	NAPL Thickness (ft.)	Notes / Observations
MPE-37	10:13	20.45'	21.43'		
MPE-38	10:15		20.20'		
MPE-39	10:27		17.77'		
MPE-40	10:28		17.97'		
MPE-41	10:29		18.65'		
MPE-42	10:31	19.26'	20.02'		
MPE-43	10:32	20.24'	20.29'		
MPE-44	10:35	20.36'	20.75'		
MPE-45	10:36	20.53'	20.75'		
MPE-46	10:37		21.65'		
MPE-47	10:40	21.05'	21.51'		
MPE-48	10:41		NM		Routed in @ 20.01'
MPE-49	10:43		19.50'		
MPE-50	10:44	20.64'	21.07'		
MPE-51	10:46	21.15'	21.16'		
MPE-52	10:47	20.94'	21.11'		
MPE-53	10:49	19.65'	20.05'		
MPE-54	10:51	19.37'	19.59'		
MPE-55	11:00		18.85'		
MPE-56	11:02		14.28'		
MPE-57	11:04		14.98'		
MPE-58	11:05	15.18'	15.20'		
MPE-59	11:07		13.90'		
MPE-60	11:08		14.21'		
MPE-61	11:09		14.03'		
MPE-62	11:10		14.10'		
MPE-63	11:12	15.04'	15.43'		
MPE-64	11:14	15.37'	15.56'		
MPE-65	11:15	16.15'	16.22'		
MPE-66	11:17		16.35'		
MPE-67	11:18	17.53'	17.85'		
MPE-68	11:20		15.68'		
MPE-69	11:22		15.24'		
MPE-70	11:24	15.61'	15.71'		

Wells measured with KECK water level or KECK interface tape, decontaminated between each well measurement.

Animas Environmental Services

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Project:	Groundwater Monitoring
Site:	Thriftway #810 Refinery
Location:	Bloomfield, New Mexico
Tech:	Mike Beauparlant

Project No.: AES 050204

Date:

Time:

Form: 5 of 5

[illegible]

Wells measured with KECK water level or KECK interface tape, decontaminated between each well measurement.



April 1, 2014: Facing south, looking at several of the 100 recently planted poplar trees.



April 1, 2014: Facing north; looking at recently planted poplar trees.



April 1, 2014: Facing east, looking at recently planted trees and newly installed irrigation system.



April 1, 2014: Close-up of irrigation system in operation.