3rd Quarter Groundwater Monitoring Report

Former Fairacres Post Office
3940 West Picacho Avenue
Fairacres, New Mexico

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PETROLEUM STORAGE TANK BUREAU

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Prepared for submittal to the
New Mexico Environment Department
Petroleum Storage Tank Bureau

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COVER PAGE
FORM 1216
QUARTERLY MONITORING REPORT

Please include the following information:

1. **Site name:** Former Fairacres Post Office

2. **Responsible party:** Ms. Nita Imel

3. **Responsible party mailing address** (list contact person if different):

   P.O. Box 419

   Fairacres, New Mexico 88033-0419

4. **Facility number:** 27959

5. **Address/legal description:** 3940 West Picacho Ave.

   Fairacres, New Mexico 88033

6. **Author/consulting company:** Souder, Miller & Associates

7. **Date of report:** 06/14/11

8. **Date of confirmation of release or date PSTB was notified of the release:**

   12/01/01

The following sections are to be addressed in narrative format. Please be as complete and concise as possible! If more space is needed, please insert additional pages as needed.

I. INTRODUCTION:

A. Scope of work: make reference to workplan.

On behalf of Ms. Nita Imel, Souder, Miller & Associates (SMA) has prepared this report summarizing the results of groundwater monitoring at the former Fairacres Post Office site located at 3940 West Picacho Avenue in Fairacres, New Mexico. Groundwater monitoring activities conducted on April 26, 2011 included measurement of depth to water and non-aqueous phase petroleum hydrocarbon liquid (NAPL), if any, in nineteen (19) monitoring wells. Groundwater samples for laboratory analysis were also collected from seven (7) monitoring wells and from two (2) water supply wells.

All activities were performed pursuant to the workplan dated August 16, 2010 and approved in the New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) letter dated October 20, 2010. This report is intended to meet the third of four deliverables (#15735-3) of the aforementioned workplan.

B. This quarter's highlights, *if any.*

- Measurable NAPL was present in monitoring wells MW-23, MW-24, MW-25 and MW-28 and NAPL sheen was visible on purge water from monitoring well MW-29 during this event.
- Monitoring well MW-27 contained no measurable fluids during this event. However a strong hydrocarbon odor was present in this well.
- Hydrocarbon odor was also noted in monitoring wells MW-20, MW-30 and MW-33 during this sampling event.
- Groundwater samples were collected from monitoring wells MW-14A, MW-20, MW-29, MW-30, MW-32, MW-33 and MW-34 and from private wells D-1 and G-1 during this event.
- Monitoring wells MW-29 and MW-32 were sampled in place of wells MW-24 an MW-28 due to the presence of NAPL in those wells.
- Monitoring wells MW-14A, MW-20, MW-29, MW-30 and MW-33 contained dissolved phase contaminant concentrations in excess of the New Mexico Water Quality Control Commission (NMWQCC) standards.
- There were no contaminant concentrations above the laboratory PQL in monitoring well MW-34 and water supply well D-1 during this event.
- The average potentiometric surface elevation decreased since the previous sampling event in February 2011.

II. ACTIVITIES PERFORMED DURING THIS QUARTER:

A. Brief description of remediation system and date installed. *(Figure 1)*

No active remediation system is in place at this time. The intent of the groundwater sampling is to delineate the dissolved phase contamination, gather additional information regarding the site-specific potentiometric flow direction and assess the contaminant levels present. Figure 1 shows the former Fairacres Post Office site with locations of structures, monitoring wells and known utilities.

B. Description of activities performed to keep system operating properly including:

N/A

C. Monitoring activities performed. *(Figures 2 & 3)*

Quarterly groundwater monitoring activities, conducted on April 26, 2011, included measurement of depth to water and NAPL thickness in nineteen (19) monitoring wells. Groundwater samples were collected from seven (7) monitoring wells (MW-14A, MW-20, MW-29, MW-30, MW-32, MW-33 and MW-34) and from two (2) private use water wells (D-1 and G-1) for laboratory analysis of volatile and semi-volatile organic compounds using EPA test method 8260B. Groundwater samples were collected after purging a minimum of three (3) well volumes from each monitoring well or until a well was purged dry. Groundwater samples from the domestic use wells were collected from a spigot located at the nearest access point for each well after purging 50 gallons from domestic well D-1 and 50 gallons from domestic well G-1. The samples were decanted into 40-mL vials preserved with mercuric chloride using a new disposable bailer for each sample, labeled and placed on ice for shipment to Hall Environmental Analysis Laboratory under standard chain of custody procedures.

Figure 2A illustrates the dissolved phase benzene contaminant concentrations observed in the groundwater during this monitoring event. Figure 2B illustrates the dissolved phase total naphthalenes contaminant concentrations identified during this sampling event. Figure 3 illustrates the potentiometric surface measured during this monitoring event. Elevations shown are based on monitoring well MW-9, located on the nearby Lovelace Property UST site, which has been surveyed to 0.01 feet relative to USGS Bench Mark 413. The hydrograph in Figure 4 illustrates potentiometric surface elevations fluctuations over time in monitoring wells MW-20, MW-24, MW-26 and MW-28. The contaminant graphs for monitoring wells MW-25, MW-28 and MW-20, in Figures 5, 6 and 7, respectively, show contaminant trends for benzene, toluene, ethylbenzene, total xylenes and total naphthalenes over time.

Table 1 contains all data used to construct Figures 2A, 2B, 5, 6, and 7 as well as all historical analytical laboratory data at this site. Table 4 contains all data used to construct Figure 3 and Figure 4 as well as all historical data for water levels at the site. Table 5 summarizes the amount of NAPL recovered from the site, to date. Appendix 1 contains information regarding the sampling protocol used by SMA at the former Fairacres Post Office site during the monitoring event. Field notes from the monitoring event are contained in Appendix 3. Appendix 6 contains copies of the analytical laboratory data sheets.

D. System performance and effectiveness--include discussion on estimated amount of hydrocarbon removed in preceding quarter and amount removed to date and provide confidence of the determination.

Although there is no remediation system at the site, hydrocarbons removed by hand-bailing and the use of passive NAPL recovery canisters have been calculated to equal approximately 1,025.06 liters (270.82 gallons).

E. Statement verifying containment of release.

Based on the analytical laboratory results of groundwater sampling conducted during this sampling event and analytical laboratory results from previous sampling events, the dissolved phase plume for total naphthalenes was undefined horizontally to the north and northwest. Additionally, no vertical extent monitoring well has been installed at this site; therefore, the vertical extent of dissolved phase contamination has not been defined at this site.

III. SUMMARY AND CONCLUSIONS:

A. Discussion of any trends or changes noted in analytical results or site conditions.

Dissolved Phase Contamination

Dissolved phase volatile and/or semi-volatile contaminant concentrations were above the laboratory PQL in monitoring wells MW-14A, MW-20, MW-29, MW-30, MW-32 and MW-33 and water supply well G-1. Volatile contaminants of concern identified for this site include benzene, toluene, ethylbenzene and total xylenes and semi-volatile contaminants include total naphthalenes (sum of naphthalene, 1-methyl naphthalene and 2-methyl naphthalene).

Dissolved phase contaminant concentrations present in monitoring wells MW-30, MW-33 and water supply well G-1 revealed significant fluctuations since these wells were previously sampled in February 2011. Dissolved phase concentrations in MW-33 increased significantly since the previous sampling event and the benzene concentration now exceeds the applicable NMWQCC standard. The dissolved phase concentrations in monitoring well MW-30 and water supply well G-1 have decreased since the previous sampling event however the dissolved phase concentrations of benzene, toluene, ethybenzene, total xylenes and/or total naphthalenes remain above regulatory limits. Dissolved phase contaminant concentrations in monitoring wells MW-14A, MW-20 and MW-34 and water supply well D-1 remained relatively unchanged since the previous sampling event. However, monitoring well MW-14A exceeded regulatory standards for total naphthalenes and monitoring well MW-20 exceeded regulatory standards for benzene during this sampling event. Dissolved phase concentrations in monitoring well MW-34 and water supply well D-1 were below laboratory PQL during this sampling event. Monitoring well MW-29, previously sampled in December, 2009 showed a significant increase in dissolved phase contaminant concentrations and exceeded regulatory limits for ethylbenzene, total xylenes and total naphthalenes. Monitoring well MW-32, previously sampled in July 2008 showed relatively no change since previously sampled. The contaminant concentrations in monitoring wells MW-25, MW-28 and MW-20, as shown in Figures 5, 6 and 7, respectively, reveal significant fluctuations and increasing contaminant concentrations in MW-20 and MW-28 over time.

NAPL Information

NAPL thicknesses were observed in monitoring wells MW-23, MW-24, MW-25 and MW-28 during this sampling event. The initial measured NAPL thickness in monitoring wells MW-23, MW-24, MW-25 and MW-28 during this event was 1.87 feet, 0.50 feet, 1.40 feet and 0.40 feet, respectively. NAPL was hand bailed to an apparent minimum thickness of 0.00 feet in each well. Approximately 2.00-liters, 0.45-liters, 0.70-liters and 0.40-liters of NAPL was removed from monitoring wells MW-23, MW-24, MW-25 and MW-28, respectively, during this sampling event To date, a total of 1,025.06 liters (270.82 gallons) of NAPL have been removed from the site through hand-bailing and the use of passive NAPL recovery canisters.

The number of monitoring wells containing NAPL has varied over time. In general, the number of monitoring wells with NAPL corresponds to the fluctuation of the potentiometric surface elevations at the site. A comparison of the potentiometric elevations over time in Figure 4 to the NAPL data presented in Table 5 shows that the increase of monitoring wells containing NAPL corresponds to decreasing potentiometric surface elevations at this site and is likely the primary cause for the historical appearance of NAPL in the monitoring wells.

The average groundwater elevation at the site decreased since the previous sampling event in February 2011 and measurable NAPL was not present in any well during that monitoring event. However, the historical presence of NAPL and persistent hydrocarbon odor/sheen present in several wells suggests the presence of substantial contamination at this site.

Potentiometric Surface Information

The average groundwater elevation decreased approximately 0.98 feet since the previous sampling event in February 2011. Potentiometric elevations have continued to decrease and are at or near historic low levels in several wells. The potentiometric surface gradient direction calculated during this sampling event was oriented to the east-northeast with a slope of 0.038 feet/foot. The potentiometric depression located near monitoring wells MW-23 and MW-24 during the previous sampling event appears to have shifted and is centered on monitoring well MW-14A during this sampling event. The varying locations of the potentiometric depression may be related to the fluctuations of the groundwater levels in conjunction with subsurface lithologic controls, such as clay lenses, aquitards, etc., present at this site. Additionally, during periods of decreasing groundwater levels, the potentiometric depression may be acting as a collection area, or "trap" for NAPL which further depresses groundwater elevations in this area.

B. Ongoing assessment of remediation system.

N/A

C. Recommendations.

This report completes the 3rd quarterly groundwater monitoring event as outlined in the workplan dated August 16, 2010 and approved in the NMED PSTB letter dated October 20, 2010. After review of all available data for the former Fairacres Post Office site, SMA recommends that groundwater and NAPL monitoring continue at this site as outlined in the aforementioned workplan.

FIGURES

1. Site map
2. Groundwater concentration map
3. Water level map
4. Potentiometric elevations vs. time in MW-20, MW-24, MW-26 & MW-28
5. Contaminant concentrations vs. time in MW-25
6. Contaminant concentrations vs. time in MW-28
7. Contaminant concentrations vs. time in MW-20

TABLES

1. Laboratory results of groundwater sample analyses
2. ~~Vapor monitoring results~~ N/A
3. ~~Laboratory results of soil sample analyses~~ N/A
4. Water level measurements
5. Hydrocarbon removed as free product
6. ~~Summary of free product levels~~ See Table 5
7. ~~Summary of information pertaining to system as applicable e.g.,~~
   a. ~~Flow meter readings~~ N/A
   b. ~~Air emissions~~ N/A
   c. ~~Pumping rates of recovery wells~~ N/A
8. ~~Summary of maintenance procedures including:~~ N/A
   a. ~~names of individuals performing the maintenance~~ N/A
   b. ~~tasks performed~~ N/A
   c. ~~periods of when system was inoperative~~ N/A

APPENDICES

1. Sampling protocol
2. ~~Calculations with explanations for hydrocarbon removal~~ N/A
3. Field notes/telemetry logs
4. ~~Soil boring logs~~ N/A
5. ~~Monitoring well completion diagrams~~ N/A
6. Laboratory reports
7. Health and safety plan
8. Summary of nutrient data

Figure 4. Potentiometric Elevations vs. Time in MW-20, MW-24, MW-26 & MW-28

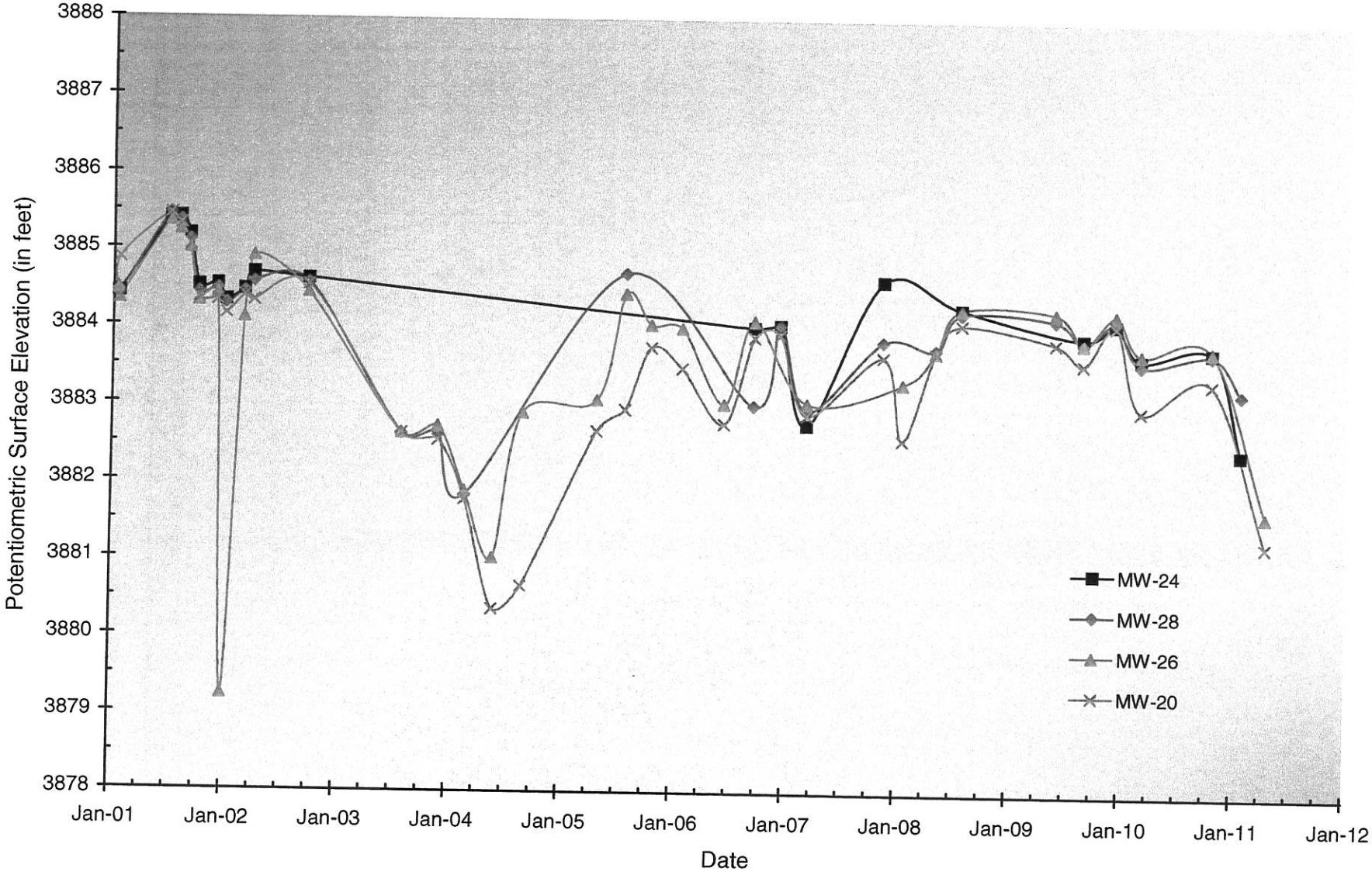

Figure 5. Contaminant Concentrations vs. Time in MW-25

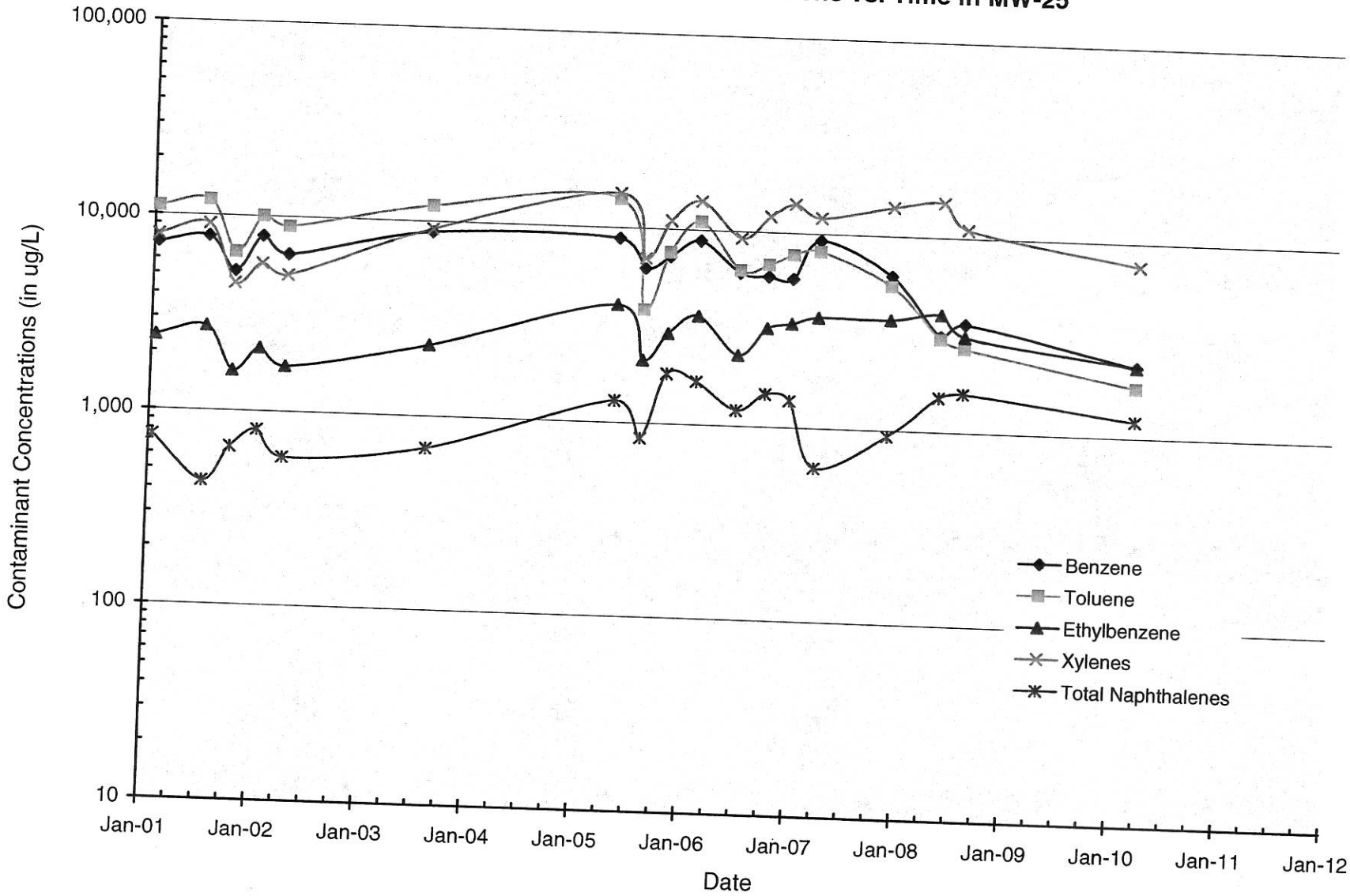

Figure 7. Contaminant Concentrations vs. Time in MW-20

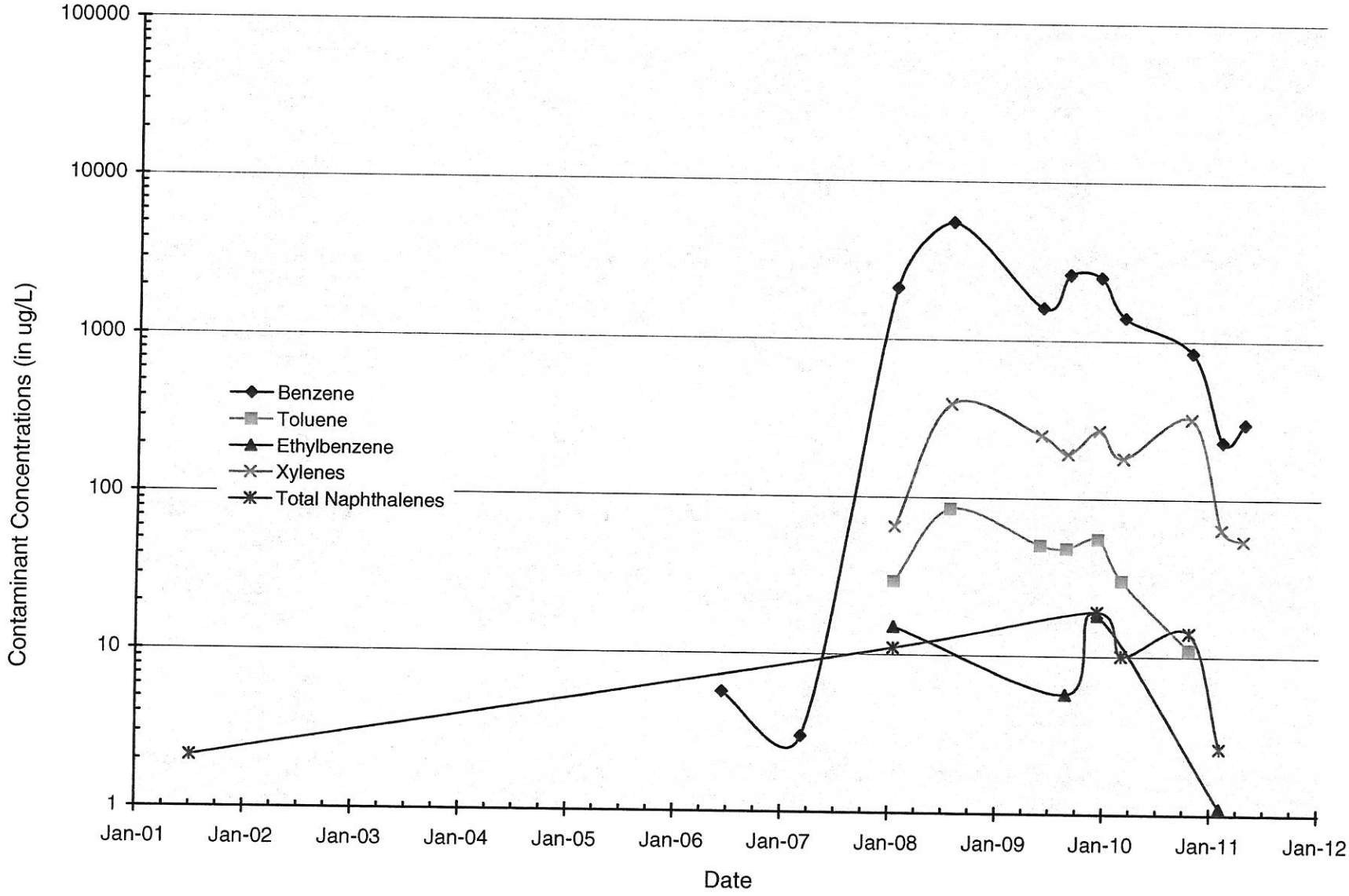

Table 1a: Summary of Laboratory Groundwater Results - Monitoring Wells (ug/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-13																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
23-Mar-00	8021/504.1/8310	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.2	<2.5	<2.5	<2.5	<2.5	<2.5	<0.20	<0.60
12-Jul-00	8260/504.1/8310	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.2	<1.0	<2.5	<2.5	<2.5	<2.5	<0.20	<0.60
24-Aug-00	8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.20	<0.60
15-Nov-00	8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
12-Jul-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
10-Apr-02	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
07-Aug-03	504.1/8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.010	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
08-Sep-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
31-Jul-08	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-14																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
22-Mar-00	8021/504.1/8310	28	4.5	4.4	4.3	9.5	5.7	<0.01	<1.0	<13	<2.5	8.9	2.9	<2.5	0.4	0.92
12-Jul-00	8260/504.1/8310	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.01	<0.4	<2.0	<2.5	<2.5	<2.5	<2.5	<0.20	<0.60
24-Aug-00	8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.20	<0.60
19-Oct-00	*NM*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<2.0*		*<1.0*	*<1.0*	*<1.0*	*nm*	*nm*	*nm*	*nm*	*nm*	*nm*
15-Nov-00	8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
13-Jul-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
10-Apr-02	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
07-Aug-03	504.1/8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.010	<1.0	<1.0	<13	<13	<13	<13	<4.0	<3.0
03-Dec-03	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
02-Mar-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
04-Jun-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
08-Sep-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
04-May-05	8260	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
02-Aug-05	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
Abandoned																

MW-14A																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
26-Sep-06	8260	<10	<10	<10	80	170	450	<10	<10	<15	28	<40	<40	nm	nm	nm
19-Dec-06	8260	<10	<10	40	200	150	270	<10	<10	<15	22	<40	<40	nm	nm	nm
19-Mar-07	8260	<5.0	<5.0	<5.0	50	41	<5.0	<5.0	<5.0	<5.0	<10	<20	<20	nm	nm	nm
19-Nov-07	8260	<1.0	2.3	35	62	18	53	<1.0	<1.0	<1.0	9.4	11	6.3	nm	nm	nm
24-Jan-08	8260	<1.0	<1.0	14	23	7.8	18	<1.0	<1.0	<1.0	4.9	9.8	7.2	nm	nm	nm
09-May-08	8260	<1.0	2.0	43	40	11	12	<1.0	<1.0	<1.0	12	43	42	nm	nm	nm
31-Jul-08	8260	<2.0	2.3	32	29	8.1	14	<2.0	<2.0	<2.0	24	73	51	nm	nm	nm
03-Jun-09	8260	<1.0	1.5	28	25	1.6	1.7	<1.0	<1.0	<1.0	9.7	22	12	nm	nm	nm
02-Sep-09	8260	<1.0	2.8	38	31	1.3	<1.0	<1.0	<1.0	<1.0	12	22	13	nm	nm	nm
09-Mar-10	8260	<1.0	3.2	27	18	<1.0	<1.0	<1.0	<1.0	<1.0	4.4	18	8.9	nm	nm	nm
26-Oct-10	8260	<1.0	1.9	30	22	<1.0	<1.0	<1.0	<1.0	<1.0	9.7	16	12	nm	nm	nm
07-Feb-11	8260	<50	<50	57	<75	<50	<50	<50	<50	<50	<100	<200	<200	nm	nm	nm
26-Apr-11	8260	<10	<10	46	23	<10	<10	<10	<10	<10	<20	46	<40	nm	nm	nm

Notes:
nm = not measured
Analyses in italics represent samples collected by Faith Engineering, Inc.

Table 1a: Summary of Laboratory Groundwater Results - Monitoring Wells (ug/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-20																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
24-Jan-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	nm	nm	nm
13-Jul-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<4.0	<4.0	nm	nm	nm
10-Apr-02	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
07-Aug-03	504.1/8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.010	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
08-Sep-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
25-Oct-05	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
03-Feb-06	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
22-Jun-06	8260	5.7	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.5	<2.0	<4.0	<4.0	nm	nm	nm
19-Mar-07	8260	3.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
24-Jan-08	8260	2,100	29	15	65	2.3	3.3	<1.0	<1.0	<1.0	11	<4.0	<4.0	nm	nm	nm
31-Jul-08	8260	5,500	85	<50	390	<50	<50	<50	<50	<50	<100	<200	<200	nm	nm	nm
03-Jun-09	8260	1,600	50	<20	250	<20	<20	<20	<20	<20	<40	<80	<80	nm	nm	nm
02-Sep-09	8260	2,600	48	5.7	190	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<20	nm	nm	nm
16-Dec-09	8260	2,500	55	18	270	<5.0	<5.0	<5.0	<5.0	<5.0	19	<20	<20	nm	nm	nm
09-Mar-10	8260	1,400	30	<5.0	180	<5.0	<5.0	<5.0	<5.0	<5.0	10	<20	<20	nm	nm	nm
26-Oct-10	8260	840	48	<5.0	320	14	<5.0	<5.0	<5.0	<5.0	14	<20	<20	nm	nm	nm
10-Feb-11	8260	230	12	1.1	64	21	60	<1.0	<1.0	<1.0	2.6	<4.0	<4.0	nm	nm	nm
26-Apr-11	8260	300	11	<1.0	54	3.3	1.2	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-21																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
24-Jan-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	nm	nm	nm
13-Jul-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
Destroyed																

MW-22																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
24-Jan-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	nm	nm	nm
13-Jul-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
04-Jun-02	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
07-Aug-03	504.1/8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.010	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
08-Sep-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
03-Feb-06	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
19-Mar-07	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
31-Jul-08	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

Notes:
nm = not measured
Analyses in italics represent samples collected by Faith Engineering, Inc.

Table 1a: Summary of Laboratory Groundwater Results - Monitoring Wells (ug/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-23

Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
24-Jan-01	8260	8,400	9,900	2,100	8,100	460	1,700	<100	<100	<100	370	260	290	nm	nm	nm
13-Jul-01	8260	19,000	17,000	2,600	11,000	670	2,800	<100	1,000	<100	730	<400	410	nm	nm	nm
13-Oct-01	8260	14,000	13,000	2,300	9,200	670	2,200	<500	600	<500	1,400	<2,000	<2,000	nm	nm	nm
11-Jan-02	8260	12,000	12,000	2,200	9,900	2,400	3,900	<500	<500	<500	2,500	<2,000	<2,000	nm	nm	nm
10-Apr-02	8260	13,000	14,000	2,400	9,500	<500	2,400	<500	<500	<500	1,800	<2,000	<2,000	nm	nm	nm
31-Jul-08	8260	9,900	12,000	2,200	12,000	580	2,400	<100	250	<100	850	<400	<400	nm	nm	nm
10-Mar-10	8260	9,300	13,000	2,300	12,000	650	2,600	<200	<200	<200	720	<800	<800	nm	nm	nm

MW-24

Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
24-Jan-01	8260	11,000	11,000	1,900	7,100	300	1,800	<100	<100	<100	210	<200	<200	nm	nm	nm
13-Jul-01	8260	24,000	23,000	3,000	11,000	410	1,900	<100	<100	<100	640	<400	<400	nm	nm	nm
31-Jul-08	8260	18,000	23,000	3,600	16,000	620	2,800	<100	<100	<100	1,100	<400	420	nm	nm	nm
10-Mar-10	8260	1,600	22,000	3,500	15,000	1,100	4,900	<400	<400	<400	2,200	<1,600	2,400	nm	nm	nm
26-Oct-10	8260	7,500	8,400	1,300	5,700	<400	1,100	<400	<400	<400	<800	<1600	<1600	nm	nm	nm
07-Feb-11	8260	1,700	1,100	2,000	4,800	340	1,300	<50	<50	<50	380	<200	<200	nm	nm	nm

MW-25

Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
24-Jan-01	8260	7,200	11,000	2,400	7,900	400	1,400	<100	<100	<100	270	220	250	nm	nm	nm
13-Jul-01	8260	7,800	12,000	2,700	9,000	440	1,800	<100	240	<100	430	<400	<400	nm	nm	nm
13-Oct-01	8260	5,200	6,500	1,600	4,500	250	1,100	<50	170	<50	650	<200	<200	nm	nm	nm
11-Jan-02	8260	7,900	10,000	2,100	5,700	320	1,300	<250	<250	<250	800	<1,000	<1,000	nm	nm	nm
10-Apr-02	8260	6,400	8,900	1,700	5,000	250	1,100	<250	<250	<250	580	<1,000	<1,000	nm	nm	nm
07-Aug-03	504.1/8260/8310	8,800	12,000	2,300	9,100	370	1,600	<0.010	70	<50	380	79	220	<2.5	<0.80	2.9
04-May-05	8260	8,800	14,000	4,000	15,000	610	2,900	<100	<100	<100	850	<400	440	nm	nm	nm
02-Aug-05	8260	6,200	6,800	2,100	7,000	300	1,500	<250	<250	<250	830	<1,000	<1,000	nm	nm	nm
25-Oct-05	8260	7,200	7,600	2,900	11,000	590	2,500	<250	<250	<250	1,800	<1,000	<1,000	nm	nm	nm
03-Feb-06	8260	8,800	11,000	3,600	14,000	770	2,800	<100	<100	<100	1,100	<400	560	nm	nm	nm
22-Jun-06	8260	6,100	6,300	2,300	9,200	450	1,800	<250	<250	<380	1,200	<1,000	<1,000	nm	nm	nm
26-Sep-06	8260	5,900	6,800	3,200	12,000	710	2,600	<100	<100	<150	990	<400	480	nm	nm	nm
19-Dec-06	8260	5,800	7,700	3,400	14,000	600	2,400	<100	<100	<150	930	<400	440	nm	nm	nm
19-Mar-07	8260	9,200	8,100	3,700	12,000	510	1,900	<100	<100	<100	620	<400	<400	nm	nm	nm
19-Nov-07	8260	6,200	5,500	3,700	14,000	510	2,900	<20	<20	<20	560	130	240	nm	nm	nm
24-Jan-08	8260	4,600	4,300	2,600	9,900	530	2,200	<100	<100	<100	630	<400	<400	nm	nm	nm
09-May-08	8260	3,100	3,000	4,000	15,000	780	5,400	<20	<20	<20	690	270	540	nm	nm	nm
31-Jul-08	8260	3,600	2,700	3,100	11,000	780	3,100	<100	<100	<100	920	<400	660	nm	nm	nm
10-Mar-10	8260	2,300	1,800	2,300	7,600	410	1,700	<100	<100	<100	550	<400	<400	nm	nm	nm

Notes:
nm = not measured
Analyses in italics represent samples collected by Faith Engineering, Inc.

Table 1a: Summary of Laboratory Groundwater Results - Monitoring Wells (ug/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-26																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
27-Oct-00	*8260*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*5.1*		*<1.0*	*<1.0*	*<1.0*	*1.1*	*nm*	*nm*	*nm*	*nm*	*nm*
24-Jan-01	8260	<1.0	5.4	1.4	7.5	<1.0	1.9	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	nm	nm	nm
14-Jul-01	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
10-Apr-02	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
07-Aug-03	504.1/8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.010	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
04-Jun-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<2.0	<4.0	5.1	nm	nm	nm
08-Sep-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
03-Feb-06	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
22-Jun-06	8260	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.5	<2.0	<4.0	<4.0	nm	nm	nm
19-Mar-07	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
31-Jul-08	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-27																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
27-Oct-00	*8260*	*970*	*4,900*	*1,200*	*5,000*	*1,210*		*<20*	*<20*	*<20*	*490*	*nm*	*nm*	*nm*	*nm*	*nm*
24-Jan-01	8260	230	1,200	1,000	4,100	390	1,400	<20	<20	<20	440	180	200	nm	nm	nm
14-Jul-01	8260	150	1,200	1,400	5,900	640	2,600	<100	<100	<100	730	<400	410	nm	nm	nm
13-Oct-01	8260	94	550	730	3,200	290	1,300	<50	<50	<50	410	<200	<200	nm	nm	nm
11-Jan-02	8260	120	620	800	3,800	400	1,500	<50	<50	<50	460	<200	<200	nm	nm	nm
10-Apr-02	8260	110	700	870	4,400	370	1,500	<50	<50	<50	450	<200	230	nm	nm	nm
31-Jul-08	8260	41	26	53	1,400	370	910	<20	<20	<20	220	210	270	nm	nm	nm
09-Mar-10	8260	270	190	540	3,100	540	1,500	<20	<20	<20	290	170	240	nm	nm	nm

Notes:
nm = not measured
Analyses in italics represent samples collected by Faith Engineering, Inc.

Table 1a: Summary of Laboratory Groundwater Results - Monitoring Wells (ug/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-28																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
27-Oct-00	*8260*	*5,600*	*3,100*	*1,200*	*4,800*	*920*		*<0.01*	*nm*	*nm*	*230*	*nm*	*nm*	*nm*	*nm*	*nm*
24-Jan-01	8260	5,600	3,000	1,800	2,900	460	1,400	<100	<100	<100	<200	<200	<200	nm	nm	nm
14-Jul-01	8260	5,200	2,500	1,800	2,800	390	1,300	<100	<100	<100	250	<400	<400	nm	nm	nm
10-Apr-02	8260	7,100	2,100	1,800	2,600	270	1,100	<100	<100	<100	310	<400	<400	nm	nm	nm
07-Aug-03	504.1/8260/8310	4,600	2,200	1,900	2,800	310	2,000	<0.010	<100	<100	350	98	280	<2.5	<0.80	3.5
03-Dec-03	8260	5,400	2,200	1,400	2,100	320	2,000	<100	<100	<100	480	<400	<400	nm	nm	nm
02-Mar-04	8260	5,800	2,600	1,600	2,200	310	1,300	<100	<100	<100	380	<400	<400	nm	nm	nm
02-Aug-05	8260	10,000	6,800	1,800	5,500	390	1,700	<100	<100	<100	550	<400	<400	nm	nm	nm
25-Oct-05	8260	10,000	8,100	3,300	12,000	730	2,900	<250	<250	<250	1,800	<1,000	<1,000	nm	nm	nm
03-Feb-06	8260	9,500	9,400	3,300	11,000	800	3,000	<250	<250	<250	1,800	<1,000	<1,000	nm	nm	nm
26-Sep-06	8260	8,500	9,800	3,000	9,700	700	2,900	<250	<250	<380	1,800	<1,000	<1,000	nm	nm	nm
19-Dec-06	8260	8,400	8,900	2,500	8,200	460	1,900	<250	<250	<380	570	<1,000	<1,000	nm	nm	nm
19-Mar-07	8260	10,000	8,800	4,500	14,000	950	3,600	<100	<100	<100	1,100	<400	<400	nm	nm	nm
19-Nov-07	8260	11,000	8,600	3,900	12,000	560	9,900	<20	<20	<20	730	150	290	nm	nm	nm
09-May-08	8260	9,400	8,400	3,300	10,000	800	3,300	<50	<50	<50	820	240	460	nm	nm	nm
31-Jul-08	8260	9,700	7,600	2,400	6,700	490	2,000	<100	<100	<100	680	<400	<400	nm	nm	nm
03-Jun-09	8260	6,900	4,600	2,100	4,900	450	1,900	<100	<100	<100	560	<400	<400	nm	nm	nm
10-Mar-10	8260	9,000	7,100	2,500	5,800	630	2,600	<100	<100	<100	640	<400	<400	nm	nm	nm
26-Oct-10	8260	9,300	5,000	1,700	3,900	290	1,300	<100	<100	<100	370	540	450	nm	nm	nm
07-Feb-11	8260	8,900	5,500	3,700	8,600	1,700	6,500	<100	<100	<100	1,200	470	1100	nm	nm	nm

MW-29																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
07-Aug-03	504.1/8260/8310	<10	140	2,700	9,900	470	2400	<0.010	<10	<10	900	320	710	<2.5	<0.80	8.9
03-Dec-03	8260	<10	220	2,500	9,100	710	1900	<10	<10	<10	810	170	330	nm	nm	nm
02-Mar-04	8260	<10	81	2,500	9,000	410	1,800	<10	<10	<10	660	130	250	nm	nm	nm
04-May-05	8260	<500	720	6,500	26,000	36,000	10,000	<500	<500	<500	36,000	28,000	43,000	nm	nm	nm
03-Feb-06	8260	<10	120	2,300	9,600	510	2,500	<10	<10	<10	790	220	390	nm	nm	nm
19-Mar-07	8260	<10	180	2,200	9,000	670	2,800	<10	<10	<10	780	210	390	nm	nm	nm
31-Jul-08	8260	<10	22	400	1,500	160	790	<10	<10	<10	170	77	120	nm	nm	nm
03-Jun-09	8260	<10	38	950	2,900	330	1,500	<10	<10	<10	320	120	200	nm	nm	nm
16-Dec-09	8260	<5.0	25	710	2,100	340	1,500	<5.0	<5.0	<5.0	310	150	220	nm	nm	nm
26-Apr-11	8260	<50	130	3,300	13,000	1,300	6,200	<50	<50	<50	1,100	510	1,100	nm	nm	nm

Notes:
nm = not measured
Analyses in italics represent samples collected by Faith Engineering, Inc.

Table 1a: Summary of Laboratory Groundwater Results - Monitoring Wells (ug/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-30

Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
07-Aug-03	504.1/8260/8310	1,600	5,400	3,100	6,200	310	1,200	<0.010	<100	<100	100	18	36	<2.5	<0.80	0.64
08-Sep-04	8260	7,400	15,000	3,600	13,000	500	2,700	<250	<250	<250	1,600	<1,000	1,200	nm	nm	nm
04-May-05	8260	3,400	14,000	990	9,100	600	2,200	<250	<250	<250	1,300	<1,000	<1,000	nm	nm	nm
02-Aug-05	8260	2,000	8,700	1,600	4,600	210	890	<100	<100	<100	280	<400	<400	nm	nm	nm
25-Oct-05	8260	7,000	13,000	3,100	9,700	440	1,800	<250	<250	<250	1,200	<1,000	<1,000	nm	nm	nm
03-Feb-06	8260	5,700	15,000	1,200	8,800	500	1,800	<250	<250	<250	1,200	<1,000	<1,000	nm	nm	nm
22-Jun-06	8260	6,300	18,000	2,900	9,900	540	2,300	<250	<250	<380	1,400	<1,000	<1,000	nm	nm	nm
26-Sep-06	8260	4,500	13,000	2,500	6,700	490	1,900	<250	<250	<380	1,100	<1,000	<1,000	nm	nm	nm
19-Dec-06	8260	6,400	14,000	2,700	8,400	380	1,600	<250	<250	<380	520	<1,000	<1,000	nm	nm	nm
19-Mar-07	8260	7,400	14,000	2,500	8,200	360	1,400	<250	<250	<250	<500	<1,000	<1,000	nm	nm	nm
19-Nov-07	8260	5,800	9,600	2,800	8,800	480	1,900	<20	<20	<20	570	120	240	nm	nm	nm
24-Jan-08	8260	7,800	10,000	2,700	9,800	410	1,800	<100	<100	<100	580	<400	<400	nm	nm	nm
09-May-08	8260	4,200	10,000	720	27,000	770	14,000	<20	<20	<20	720	280	570	nm	nm	nm
31-Jul-08	8260	5,300	9,400	2,400	9,700	450	1,900	<100	<100	<100	710	<400	<400	nm	nm	nm
03-Jun-09	8260	3,800	5,700	2,100	8,000	430	1,900	<100	<100	<100	690	<400	<400	nm	nm	nm
02-Sep-09	8260	6,100	6,400	2,700	9,800	640	2,500	<100	<100	<100	930	<400	<400	nm	nm	nm
16-Dec-09	8260	7,100	5,500	2,700	9,900	560	2,100	<100	<100	<100	730	<400	<400	nm	nm	nm
10-Mar-10	8260	6,200	5,600	2,600	9,600	410	1,800	<200	<200	<200	730	<800	<800	nm	nm	nm
26-Oct-10	8260	2,700	2,100	2,100	5,800	220	990	<200	<200	<200	480	<800	<800	nm	nm	nm
07-Feb-11	8260	4,200	3,300	2,600	8,000	390	1,500	<50	<50	<50	560	<200	220	nm	nm	nm
26-Apr-11	8260	3,400	3,000	2,500	7,600	310	1,200	<50	<50	<50	570	<200	220	nm	nm	nm

MW-31

Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
07-Aug-03	504.1/8260/8310	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<0.010	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
08-Sep-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
19-Mar-07	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
31-Jul-08	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-32

Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
07-Aug-03	504.1/8260/8310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.010	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<0.80	<0.60
03-Dec-03	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
02-Mar-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
04-Jun-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
08-Sep-04	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
03-Feb-06	8260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
19-Mar-07	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
31-Jul-08	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
26-Apr-11	8260	<1.0	<1.0	4.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

Notes:
nm = not measured
Analyses in italics represent samples collected by Faith Engineering, Inc.

Table 1a: Summary of Laboratory Groundwater Results - Monitoring Wells (ug/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-33																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
01-Jun-09	8260	610	16	13	21	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
02-Sep-09	8260	26	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
16-Dec-09	8260	13	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
09-Mar-10	8260	190	1.5	1.6	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
26-Oct-10	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
01-Feb-11	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
26-Apr-11	8260	1,300	19	15	26	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-34																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
01-Jun-09	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
02-Sep-09	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
16-Dec-09	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
09-Mar-10	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
26-Oct-10	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
01-Feb-11	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
26-Apr-11	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-35																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
01-Jun-09	8260	<10	<10	<10	<15	<10	<10	<10	<10	<10	<20	<40	<40	nm	nm	nm
09-Mar-10	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-36																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
01-Jun-09	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm
09-Mar-10	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

MW-37																
Date	EPA Method	B	T	E	X	1,3,5-TMB	1,2,4-TMB	EDB	EDC	MTBE	Naph	1-M Naph	2-M Naph	Acenaphthene	Fluorene	Phenanthene
01-Jun-09	8260	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	nm	nm	nm

Notes:
nm = not measured
Analyses in italics represent samples collected by Faith Engineering, Inc.

Table 1b: Summary of Dissolved Metals Analysis in Monitoring Wells (in mg/L)
Former Fairacres Post Office
Fairacres, New Mexico

MW-13				
Date	EPA Method	Fe	Mn	Pb
12-Jul-01	200.7	<0.02	1.41	<0.005
10-Apr-02	6010	0.39	0.770	<0.005

MW-14				
Date	EPA Method	Fe	Mn	Pb
13-Jul-01	200.7	0.230	0.220	<0.005
10-Apr-02	6010	0.067	0.240	<0.005

MW-20				
Date	EPA Method	Fe	Mn	Pb
13-Jul-01	200.7	<0.02	1.91	<0.005
10-Apr-02	6010	0.037	0.037	<0.005

MW-21				
Date	EPA Method	Fe	Mn	Pb
13-Jul-01	200.7	0.450	1.93	<0.005

MW-22				
Date	EPA Method	Fe	Mn	Pb
13-Jul-01	200.7	<0.02	1.28	<0.005

MW-23				
Date	EPA Method	Fe	Mn	Pb
13-Jul-01	200.7	0.050	0.598	0.015
10-Apr-02	6010	2.3	1.10	<0.005

MW-24				
Date	EPA Method	Fe	Mn	Pb
13-Jul-01	200.7	0.260	0.795	<0.005

MW-25				
Date	EPA Method	Fe	Mn	Pb
13-Jul-01	200.7	0.590	0.794	<0.005
10-Apr-02	6010	11	2.20	0.051

MW-26				
Date	EPA Method	Fe	Mn	Pb
14-Jul-01	200.7	0.050	1.45	<0.005
10-Apr-02	6010	0.033	0.021	<0.005

MW-27				
Date	EPA Method	Fe	Mn	Pb
14-Jul-01	200.7	0.140	0.524	0.016
10-Apr-02	6010	1.30	0.590	<0.005

MW-28				
Date	EPA Method	Fe	Mn	Pb
14-Jul-01	200.7	0.080	0.531	<0.005
10-Apr-02	6010	0.053	0.460	0.042