

**GW - 350**

**TECHNICAL  
INFEASIBILITY  
PROPOSAL**

**10/22/2012**



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October 22, 2012

Mr. Glenn Von Gonten  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Drive  
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**Re: Technical Infeasibility Proposal**

Shell Pipeline Company LP  
Jal Basin Station (GW-350)  
Jal, Lea County, New Mexico

Section 5, Township 26 South, Range 37 East  
Section 32, Township 25 South, Range 37 East

Dear Mr. Von Gonten:

H<sub>2</sub>A Environmental, Ltd. (H<sub>2</sub>A) is pleased to provide the enclosed Technical Infeasibility Proposal for the above reference site on behalf of Shell Pipeline Company LP, as discussed during our August 11, 2010 meeting at your offices in Santa Fe, New Mexico. The attached proposal presents a summary of historical remediation and monitoring activities, and a discussion outlining the technical infeasibility of reaching all applicable attainment standards at the subject site.

We trust that the enclosed information meets your needs at this time; however, should you have any questions or require any additional information, please do not hesitate to contact Kenneth Springer at 281.324.5921, or via electronic mail at [kenneth.springer@shell.com](mailto:kenneth.springer@shell.com).

Sincerely,

**H<sub>2</sub>A ENVIRONMENTAL, LTD.**

Shannon S. Walker, PE  
Senior Remediation Engineer

enclosure

cc: K. Springer, Shell Oil Products US  
I. Olness, URS Corporation

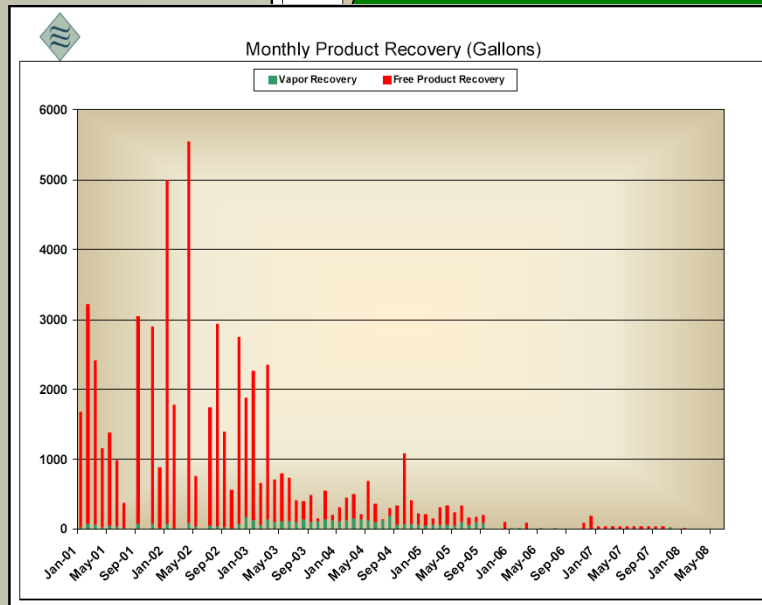
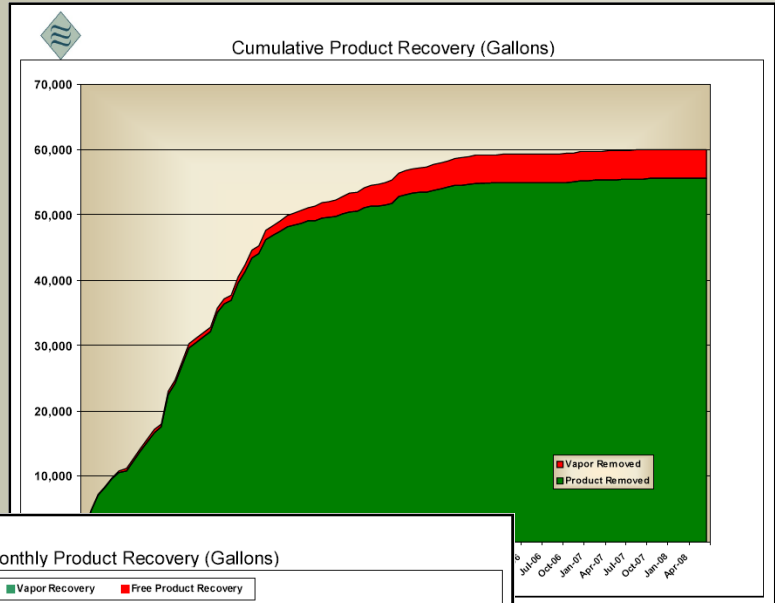
# Technical Infeasibility Proposal

## Jal Basin Station

### Jal, Lea County, New Mexico



H<sub>2</sub>A ENVIRONMENTAL, LTD.



**Prepared for:**

**Shell Oil Products US**  
 Post Office Box 1087  
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**Prepared by:**



TEXAS REGISTERED  
 ENGINEERING FIRM  
 F-005969

October 2012

**TABLE OF CONTENTS**

1.0 Purpose and Scope ..... 1

2.0 Site Description ..... 1

    2.1 Site History ..... 1

        2.1.1 Nature of Release ..... 1

        2.1.2 Description of Previous Investigations..... 1

    2.2 Site Geology, Hydrogeology, and Hydrology ..... 3

        2.2.1 Geology ..... 3

        2.2.2 Hydrogeology..... 3

        2.2.3 Surface Water Hydrology ..... 3

    2.3 Water Well Inventory ..... 4

    2.4 General Sensitive Receptor Survey ..... 4

3.0 Onsite Remediation Activities ..... 5

    3.1 Operations..... 5

    3.2 Results of Onsite Remediation ..... 5

4.0 LNAPL Fingerprinting and Analysis of Physical Properties ..... 6

5.0 Soil Sampling and Analytical Results..... 7

6.0 Groundwater Sampling and Analytical Results ..... 7

    6.1 Previous Groundwater Monitoring Schedule ..... 7

    6.2 Discussion of Onsite COC Concentrations ..... 8

    6.3 Discussion of Onsite Toxic Pollutants ..... 8

7.0 Technical Infeasibility of Site Closure Under Current Standards..... 9

    7.1 Conclusion Established by Onsite Investigation/Remediation ..... 9

    7.2 Alternative Remediation Technologies..... 9

    7.3 Alternative Remedial/Abatement Standards ..... 10

8.0 Proposed Site Closure Activities..... 10

    8.1 Public Notice ..... 10

    8.2 Site Closure Report ..... 11

    8.3 Offsite Property Owners ..... 11

9.0 Conclusions..... 11

**APPENDICES**

- A Water Well Report (Banks Environmental Data, August 19, 2011)
- B Onsite Water Well Analytical Data with Chain of Custody Documentation
- C Results of LNAPL Fingerprint and Physical Properties Analyses

**LIST OF FIGURES**

- 1 Site Location Map
- 2 Site Plan
- 3 Cross-Section Locations
- 4 Generalized Cross-Section A-A'
- 5 Generalized Cross Section B-B'
- 6 Generalized Cross Section C-C'
- 7 Generalized Cross Section D-D'
- 8 Groundwater Elevation – Mar. 2011
- 9 Groundwater Elevation – June 2011
- 10 Groundwater Elevation – Oct. 2005
- 11 Vacuum Contours – June 2005
- 12 LNAPL Thickness – Nov. 2000
- 13 LNAPL Thickness – Mar. 2002
- 14 LNAPL Thickness – Mar. 2003
- 15 LNAPL Thickness – Mar. 2004
- 16 LNAPL Thickness – Mar. 2005
- 17 LNAPL Thickness – Dec. 2005
- 18 LNAPL Thickness – Mar. 2006
- 19 LNAPL Thickness – Nov. 2007
- 20 LNAPL Thickness – July 2008
- 21 LNAPL Thickness – Dec. 2008
- 22 LNAPL Thickness – June 2010
- 23 LNAPL Thickness – Mar. 2011
- 24 LNAPL Thickness – June 2011
- 25 LNAPL Thickness – Mar. 2012
- 26 Corrected Groundwater Elevation (Avg) versus LNAPL Thickness
- 27 Linear Correlation between Mean Corrected Groundwater Elevation and Mean LNAPL Thickness
- 28 MW-24 LNAPL Recharge Data
- 29 Monthly Product Recovery (Gallons)
- 30 Cumulative Product Recovery (Gallons)
- 31 Expected Ultimate Recovery Decline Curve Analysis
- 32 Rate Transient Decline Curve Analysis
- 33 SB-4, Soil Boring
- 34 SB-5, Soil Boring
- 35 Dissolved-Phase Benzene at MW-06
- 36 Dissolved-Phase Benzene at MW-18
- 37 Dissolved-Phase Benzene at MW-20
- 38 Dissolved-Phase Benzene at MW-24

**LIST OF TABLES**

- 1 Groundwater Measurements Table
- 2 Hydrocarbon and Groundwater Recovery (Barrels)
- 3 Summary of Laboratory Analytical Results for Soil
- 4 Summary of Laboratory Analytical Results for Groundwater (mg/L)

## **1.0 Purpose and Scope**

This Technical Infeasibility (TI) Proposal summarizes the remediation of diesel fuel in soil and groundwater using high-vacuum, two-phase extraction (TPE) techniques at the Jal Basin Station, located in Jal, Lea County, New Mexico (the Site). Remediation involved the recovery of light non-aqueous phase liquid (LNAPL) and soil vapor from the subsurface, in addition to the extraction, treatment, and discharge of hydrocarbon-impacted groundwater. Recovery data are summarized to demonstrate that closure of the Site under the existing standards is technically infeasible. Therefore, an alternative abatement plan is proposed per 19.15.30.9E of the New Mexico Administrative Code (NMAC) to achieve closure of the Site.

## **2.0 Site Description**

### **2.1 Site History**

The Site is a transportation and storage facility for crude oil received from area crude oil producing wells. Approximately 1.8 million barrels of crude oil are stored at the Site and pumped via pipeline to various refining facilities. Plains All American Pipeline Company, LP currently operates the Jal Basin Station facility.

The Site is located approximately 2 miles south of Jal, in the northeast quarter of the northeast quarter of Section 5, Township 26 South, Range 37 East, in Lea County, New Mexico. Jal Station is not located in an incorporated city or town. A Site Location Map is included as Figure 1.

Site improvements are situated in the central portion of the property and encompass approximately 55 acres of the 80-acre property. The northern and southern portions of the property are undeveloped. A Site Plan, showing the location of the onsite remediation system and groundwater monitoring wells, is presented as Figure 2. A perimeter fence, approximately 6 feet high with three strands of barbed wire, surrounds the developed portion of the Site.

#### **2.1.1 Nature of Release**

A subsurface investigation identified the presence of diesel fuel in soil and groundwater at the Site. Historically, diesel fuel was used to power pipeline pump engines. The apparent source of the diesel fuel was the transfer piping and day tank supplying diesel fuel to the engines. The former diesel-fueled pumps have since been replaced with electric pumps.

#### **2.1.2 Description of Previous Investigations**

The release at the Site was confirmed during a Phase II Limited Environmental Subsurface Investigation performed by StanTech Environmental Services in January of 1998. During the investigation, two monitoring wells (MW-01 and MW-02) were installed and three soil borings (B-1 through B-3) were advanced. LNAPL was observed in monitoring well MW-02 at an approximate thickness of 3 feet. A water sample was collected from the onsite water well utilized as a non-potable water source for the facilities located at this site. Results for total petroleum hydrocarbons - diesel range organics (TPH-DRO), TPH - oil range organics, and benzene, toluene, ethylbenzene, and xylenes (BTEX) were below the laboratory detection limits; however, a TPH - gasoline range organics (GRO) concentration of 0.088 mg/L was observed.

Following confirmation of the release, an additional 13 monitoring wells (MW-03 through MW-15) were installed to delineate the horizontal and vertical extent of hydrocarbon impact from the suspected source area, and the results were summarized in the Stage I Abatement Plan, dated April 1999, and Additional Stage I Abatement Activities, dated January 2000, both completed by KEI Consultants, Ltd. (KEI).

Soil samples collected during monitoring well installation were analyzed for the presence of various chemicals of concern (COCs), including benzene, BTEX, TPH, and polycyclic aromatic hydrocarbons (PAHs). The ranges of results are summarized in the chart below.

<b>SOIL CONCENTRATIONS (mg/kg)</b>		
<b>ANALYTE</b>	<b>MINIMUM</b>	<b>MAXIMUM</b>
Benzene	ND	0.46
BTEX	ND	47.1
TPH	ND	11,500
PAHs	ND	1.13

Notes:  
 mg/kg - milligrams per kilogram  
 ND - not detected

Groundwater samples collected from the onsite monitoring wells were also analyzed for benzene, BTEX, and PAHs, and also for total dissolved solids (TDS). The ranges of results are summarized in the chart below.

<b>GROUNDWATER CONCENTRATIONS (mg/L)</b>		
<b>ANALYTE</b>	<b>MINIMUM</b>	<b>MAXIMUM</b>
Benzene	ND	0.007
BTEX	ND	0.017
PAHs	ND	0.038
TDS	454	2,670

Notes:  
 mg/L - milligrams per liter  
 ND - not detected

It should be noted that groundwater samples were not collected from the onsite monitoring wells in which LNAPL was observed, including wells MW-02, MW-03, MW-04, MW-06, MW-08, and MW-09 at thicknesses ranging from 0.02 to 8.28 feet. Based on the noted LNAPL thicknesses, fluid recovery pumps were installed in wells MW-02, MW-03, MW-06, and MW-09 to facilitate rapid removal of LNAPL and to control the extent of the LNAPL plume.

Following the installation of wells MW-03 through MW-15, the facility required the installation of a replacement electric pump for pipeline operations. Location of the new



pump required plugging and abandoning of MW-07. Well MW-15 was installed to replace MW-07.

A pilot test was conducted in December 1999 and January 2000 using a high-vacuum remediation (HVR) system. Results of the test indicated that application of high-vacuum, TPE would effectively pull groundwater from the depths at which groundwater and LNAPL occur at the Site (approximately 90 feet below ground surface [bgs]). Based on the results of the pilot test, the Stage 2 Abatement Plan, dated February 2000, also completed by KEI, summarized the installation and initial operation of the high-vacuum soil and groundwater remediation system at the Site.

Based on the success of the mobile HVR system, a permanent system was installed onsite in January 2001. Following installation of the permanent system, a discharge plan was submitted and approved and two injection wells were installed, allowing treated groundwater to be discharge onsite. In 2002, the system was upgraded to extract from additional onsite wells, which resulted in an increase in the amount of LNAPL recovered. The system continued to operate through June 2008, at which time it was shut down due to a lack of LNAPL recovery.

## **2.2 Site Geology, Hydrogeology, and Hydrology**

### **2.2.1 Geology**

Two types of soil were encountered during subsurface investigations at the Site, a red to brown colored sand and a tan to brown colored sand. The red to brown colored sand is fine to coarse grained, well graded, loose, contains sparse gravel, and varies from saturated to dry. The tan to brown colored sand is fine to medium grained, partially lithified, very calcareous with caliche nodules, medium to very dense, and varies from dry to moist. Four cross-sections were constructed for the Site, the locations of which are shown in Figure 3, Cross-Section Locations. Generalized Cross-Sections A-A' (east to west), B-B' (north to south), C-C' (southwest to northeast), and D-D' (northeast to southwest) are shown in Figures 4 through 7, respectively.

### **2.2.2 Hydrogeology**

Depth to groundwater measured in the onsite monitoring wells has ranged from a minimum of 84.03 feet bgs to a maximum of 100.45 feet bgs. The TDS concentrations in onsite monitoring wells have ranged from 454 to 2,670 mg/L. Chloride concentrations in these wells have ranged from 4.9 to 767 mg/L. While hydraulic conductivity at the Site has not been directly measured, lithology and historical production data indicate a range of  $1 \times 10^{-2}$  to  $1 \times 10^{-3}$  centimeters per second. The groundwater gradient appears to be approximately 0.0036 feet per foot and has been consistently toward the west – southwest. Figures 8 and 9 show the groundwater elevation in March and June 2011, respectively. Historic groundwater gauging data are summarized in Table 1.

### **2.2.3 Surface Water Hydrology**

Surface water bodies in the vicinity of the Site include a pond, creek, and an aqueduct. A pond is located approximately 0.4 mile upgradient to the east-southeast, an unnamed intermittent stream/creek is located approximately 1.7 miles side-gradient to the northwest, and an aqueduct is located approximately 1.8 miles side-gradient to the northwest of the subject property.

**2.3 Water Well Inventory**

A search for water wells located within a 1-mile radius of the Site boundary was performed by Banks Environmental Data in August 2011. The Banks Environmental Data Water Well Report was prepared from existing water well databases and/or additional file data/records research conducted at the State Engineers Office located in Santa Fe, New Mexico. A cluster of wells were noted within the 1-mile radius to the west of Jal Station; however, these were determined to be monitoring wells associated with the Site, but located offsite. No additional wells were identified via the search. A copy of the Water Well Report is included in Appendix A for reference. It should be noted that an existing water well (used for non-potable purposes only) is known to be located onsite at Jal Station. This well is discussed further in Section 2.4.

While not located within a 1-mile radius of the Site, several current and former City of Jal water wells are located within the vicinity. Two former wells bottomed out in the Santa Rosa sandstone (Tr) at depths of 500 feet bgs (Well 25.37.19.221) and 450 feet bgs (Well 25.37.19.240). Groundwater levels in these wells were noted to be 284 and 65 feet bgs, respectively. The wells were later abandoned as public supply wells and the City of Jal purchased an irrigation well located approximately 5 miles east of Jal, and converted it into a public supply well. The well bottomed in the Ogallala formation (To) at a depth of 152 feet bgs (Well 25.37.13.312a). Depth to water in the well was noted to be 73 feet bgs. The city also drilled three other wells in Township 26 South, Range 36 East (Wells 26.36.18.311, 26.36.21.233, and 26.36.21.443). The wells were drilled in the Quaternary Alluvium (Qal) to depths of 559, 700, and 159 feet bgs, respectively. Well 26.36.21.443 was dry when drilled. Groundwater in Wells 26.36.18.311 and 26.36.21.233 was noted at depths of 220.8 and 198.0 feet bgs, respectively. The following is a summary of information regarding the City of Jal water wells.

WELL NUMBER	AQUIFER	TOTAL DEPTH OF WELL	DEPTH TO GROUNDWATER	YEAR DRILLED	TOTAL DISSOLVED SOLIDS
26.37.7.331	Tr	467		1937	
25.37.19.221	Tr	500	284.0	1954	825
25.37.19.240	Tr	450	65	1942	759
25.37.15.310	Qal	70	65	1942	
25.37.13.312a	To	152	73	1954	250/295
26.36.18.311	Qal	559	220.8	1960	
26.36.21.233	Qal	700	198.0	1960	
26.36.21.443	Qal	159	Dry	1958	

**2.4 General Sensitive Receptor Survey**

The groundwater aquifer at the Site is considered a potential drinking water aquifer by the State of New Mexico. While there are no known shallow water wells located offsite within a 1-mile radius of the Site boundary, water from the shallow groundwater bearing unit could be utilized for human or agricultural use. Deep groundwater use near the facility consists of both potable and agricultural use. As mentioned in Section 2.3, one water well exists at the Site. This well has historically been used for non-potable water supply for the onsite facility. This well has been periodically sampled for metals, general water quality parameters, and volatile organics. Laboratory analytical results from a 2002 sampling event are included in

Appendix B. Results indicate that no volatile organics were present in the groundwater above the laboratory detection levels. However, fluoride and TDS were present at levels in excess of the State of New Mexico Human Health Standards for groundwater (20.6.2.3103 NMAC).

### **3.0 Onsite Remediation Activities**

#### **3.1 Operations**

Initially, a mobile, HVR, multi-phase extraction (MPE) system was installed onsite to recover LNAPL (diesel), impacted groundwater, and soil vapor from the Site subsurface. The MPE system, configured as TPE, involved the simultaneous recovery of hydrocarbons from the subsurface as free liquid, dissolved-phase, and vapor-phase. The system consisted of a liquid ring pump (LRP), extensive liquid/solid/vapor separation equipment, and a filtration water treatment system. Based on results of a pilot test, vapor abatement equipment was not required to maintain compliance with emissions requirements. The system was started in January 2001 and initially extracted from two wells. An additional well was added in January of 2002.

The system recovered a significant volume of LNAPL during the first year of operation; however, to further address off-site plume migration, system capacity was doubled to gain further hydraulic control of the plume. The additional capacity increased the minimum site extraction capability to six wells. Ultimately, four more extraction wells were installed, bringing the final total to ten wells.

#### **3.2 Results of Onsite Remediation**

The onsite remediation system effectively achieved and maintained hydraulic control of the LNAPL plume. Figure 10 shows groundwater elevation contours as measured in October 2005 during system operation. A notable depression in the vicinity of LNAPL/groundwater extraction wells is evident. Effectiveness of the system is further documented in Figure 11, which shows the large extent of the vacuum radius of influence as measured in June 2005.

Figures 12 through 20 depict the substantial reduction in the size of the LNAPL plume as a direct result of active remediation efforts at the Site. Figure 12 shows the extent of the plume prior to the initiation of active remediation, which began in November 2000. Figures 13 through 19 track plume reduction throughout the remediation process. Figure 20 shows the limited extent of the plume as noted in July 2008, immediately following shut down of the system at the end of June 2008. As shown in the figure, the maximum LNAPL thickness noted at that time was 0.06 feet at MW-14.

Figures 21 through 25 show that while LNAPL thicknesses have increased since system shut down in mid-2008, they have recharged to less than 25 percent of maximum historical thicknesses noted (8.37 feet at well MW-02). While remaining LNAPL at the Site appears to demonstrate some local mobility, it has not migrated outside the historic footprint of the LNAPL plume. Figure 26 shows mean corrected groundwater elevation versus the maximum, mean, and minimum LNAPL thickness through time. There is a direct correlation between increased LNAPL thicknesses and periods of decreased regional groundwater elevation, as expected of LNAPL under unconfined conditions. This is further evident in Figure 27, which plots mean LNAPL thickness as a function of corrected groundwater elevation. The regional groundwater elevation has declined steadily since the system was

shut down in June 2008; therefore, the noted increase in LNAPL thickness at the Site is not unexpected.

In January 2011, the LNAPL present in well MW-24 was evacuated and the well was monitored to evaluate LNAPL recharge. The LNAPL thickness prior to bailing was 1.26 feet. Approximately 1 gallon of LNAPL and 2 gallons of groundwater were removed from the well, after which, gauging commenced immediately. After nearly 3.5 hours of monitoring, LNAPL thickness in the well had only recharged to a thickness of 0.40 feet. The recharge data from the baildown test are provided in Figure 28.

Through several years of active remediation of the onsite diesel plume, over 60,000 gallons of free-phase product and soil vapor were recovered from the subsurface and over 4 million gallons of groundwater were treated and discharged. Recovery data are summarized in Table 2, and Figures 29 and 30 show monthly and cumulative product recovery, respectively, during operation of the onsite remediation system. The majority of LNAPL recovery occurred from 2001 through mid-2003. During that time, approximately 48,000 gallons (~80%) of LNAPL were removed from the subsurface. From mid-2003 through 2005, a more moderate amount of recovery occurred, approximately 12,000 gallons (~12%) of free product. In general, it appears that the LNAPL thickness decreased in 2004 and 2005 as a result of active LNAPL removal. Low to no recovery (~2%) by the system was observed from 2005 through June 2008. Based on the nominal amount of product recovered during system operations from October 2007 through June 2008 (approximately 42 gallons), it was determined that meaningful hydraulic recovery of free product was no longer practicable, and active remediation was discontinued.

Based on the overall decreased LNAPL thicknesses, a lack of LNAPL recharge following removal, and decreased LNAPL recovery over time, the system was shut down in June 2008. Based on the results of subsequent gauging events, LNAPL persists in some wells at the Site; however, even during periods of decreased regional groundwater elevation, LNAPL thicknesses remain less than 25 percent of historic maximum thicknesses measured at the Site.

By plotting the volume of annual product and vapor recovery as a function of cumulative recovery, a decline curve analysis that estimates the expected ultimate recovery (EUR) from the extraction wells can be performed. This analysis is provided in Figure 31, which shows that based on several years of operating data, the EUR is approximately 60,000 gallons of combined free product and soil vapor. Similar data are depicted in Figure 32, which provides the rate transient analysis (RTA) by again plotting annual product and vapor recovery, but this time as a function of elapsed years of active remediation. Based on the data, we can expect to have reached diminishing returns (i.e., little to no product recovery) within seven to eight years of system operation. Therefore, based on the amount of free-phase product and vapor recovered to date (approximately 60,000 gallons), and the length of time for which the remediation system operated (approximately 7.5 years), the EUR has been achieved.

#### **4.0 LNAPL Fingerprinting and Analysis of Physical Properties**

In September 2009, a sample of LNAPL from well MW-14 was collected and sent to Torkelson Geochemistry, Inc. (Torkelson) to be fingerprinted and to have several physical properties evaluated. Torkelson indicated that the sample was a moderately weathered middle distillate, either diesel fuel or fuel oil. There appeared to be about a 25 percent loss of the more volatile

components of the sample due to evaporation, or more likely, due to active remediation that occurred at the Site. A simulated distillation curve for the sample is provided in Appendix C along with a summary of physical properties. The sample distillation curve is shown along with several other standard curves from various other hydrocarbon containing materials. Comparison of the distillation curve to the diesel standard further confirms the nature of the LNAPL present at the Site.

Two additional samples were collected in April 2011, one each from wells MW-14 and MW-24. The samples were submitted directly to Shell Projects & Technology – HSE Services for fingerprinting and density analysis. Results were similar to those of 2009, confirming the samples were a somewhat weathered diesel fuel. Neither benzene nor toluene were detected in either LNAPL sample. Ethylbenzene was present in only one sample at a concentration below the New Mexico Human Health Standards for groundwater (20.6.2.3103 NMAC). Xylenes were present in both samples, but also at concentrations below the New Mexico Human Health Standards for groundwater (20.6.2.3103 NMAC). See Appendix C for LNAPL sample details.

## **5.0 Soil Sampling and Analytical Results**

A summary of historic soil sampling results is provided in Table 3. The abatement standards, 19.15.30.9 NMAC, require abatement of “the vadose zone so that water contaminants in the vadose zone will not with reasonable probability contaminate ground water or surface water, in excess of [the New Mexico Human Health Standards for groundwater] through leaching, percolation, or other transport mechanisms, or as the water table elevation fluctuates.” Therefore, two additional soil borings were advanced, SB-4 was installed along the northern side of the onsite office building, north of MW-24 (the well with the maximum LNAPL rebound), and SB-5 was installed in the former source area, just west of MW-18. The locations of SB-4 and SB-5 are noted on Figure 2, the Site Plan. Boring logs for the two soil borings are provided as Figures 33 and 34. Three soil samples were collected at each location, one between five and ten feet bgs, one at the bottom of the boring, and since all photoionization detector readings were zero prior to reaching the bottom of the boring, one within the approximate middle of the bottom half of the soil column. BTEX concentrations were below laboratory detection limits in all samples analyzed. Slightly elevated TPH concentrations were noted at the bottom of each boring; however, this was likely the result of the proximity to residual LNAPL at the capillary fringe.

## **6.0 Groundwater Sampling and Analytical Results**

### **6.1 Previous Groundwater Monitoring Schedule**

Following shutdown of the onsite remediation system, groundwater monitoring was completed on a quarterly basis in 2008. Onsite groundwater was evaluated for BTEX quarterly, dissolved metals during the second, third, and fourth quarters, and PAHs during the fourth quarter. During 2009 and 2010 groundwater monitoring was completed on a semi-annual basis with all wells gauged quarterly. The first 2009 monitoring event involved sampling all delineation and monitoring wells not containing LNAPL to ensure that no plume migration had occurred. The second groundwater monitoring event of 2009 focused on historically impacted wells only to monitor attenuation progress. During subsequent monitoring events, any observed product was bailed from the onsite monitoring wells and all wells (including those where measurable thicknesses of LNAPL were noted) were sampled

for volatile organic compounds, PAHs, oxygenates, and metals. Results of historic groundwater monitoring are summarized in the attached Table 4.

**6.2 Discussion of Onsite COC Concentrations**

Based on the groundwater sampling results obtained to date, the primary onsite COC is benzene. While over time, laboratory results have indicated detected concentrations of other COCs, some of which historically exceeded (or exceed) the New Mexico Human Health Standards for groundwater (20.6.2.3103 NMAC); it appears that these concentrations have since declined to below their applicable limits or are present at background concentrations (metals) that exceed the applicable limits. While detected benzene concentrations are clearly declining, benzene currently persists above the applicable limit of 0.01 milligrams per liter in wells MW-06, MW-18, MW-20, and MW-24. Figures 35 through 38 demonstrate the declining concentrations noted at each location.

Based on recent groundwater sampling events, the dissolved-phase concentrations of BTEX and PAHs generally appear to be stable or declining. As noted in Section 4.0, BTEX concentrations in LNAPL samples were either absent or very low, likely as a result of the compositional change of the LNAPL accomplished through remediation via MPE. A noted exception is MW-14, which continues to demonstrate a measurable thickness of free product and recently (in 2010) demonstrated PAH concentrations in excess of the New Mexico Human Health Standard for PAHs in groundwater (20.6.2.3103 NMAC). A subsequent sampling event (in 2011) showed that the concentration of PAHs at MW-14 is currently below the applicable standard. Until the 2010 sampling event, PAH concentrations at MW-14 had remained below the applicable standard since December 2005. Therefore, the elevated PAH concentrations noted at MW-14 in 2010 appear anomalous, and may represent inadvertent inclusion of LNAPL from the well in the groundwater sample.

**6.3 Discussion of Onsite Toxic Pollutants**

Contaminants defined as toxic pollutants, which have also been assigned a standard per 20.6.2.3103 NMAC, include BTEX compounds and PAHs (sum of total naphthalene and 1-methylnaphthalene) and were discussed in Section 6.2. Additional toxic pollutants that have historically been detected in multiple wells during monitoring of onsite groundwater include: fluorene, methyl tert-butyl ether (MTBE), phenanthrene, pyrene, 2-methylnaphthalene, benzo(a)pyrene, anthracene, and fluoranthene. The following chart summarizes the current (2011) occurrence of toxic pollutants at the Site.

<b>2011 OCCURRENCE OF TOXIC POLLUTANTS (mg/L)</b>		
<b>ANALYTE</b>	<b>WELLS</b>	<b>DETECTED CONCENTRATION</b>
Fluorene	MW-06	0.0123
MTBE	MW-17	0.00059
Phenanthrene	MW-06	0.008
Pyrene	MW-06	0.0092
2-Methylnaphthalene	MW-09, MW-19, MW-24	0.0082, 0.0076, 0.0081
Benzo(a)pyrene	NONE	NA
Anthracene	NONE	NA
Fluoranthene	NONE	NA

Notes:  
 mg/L - milligrams per liter  
 NA - not applicable, none detected

## **7.0 Technical Infeasibility of Site Closure Under Current Standards**

### **7.1 Conclusion Established by Onsite Investigation/Remediation**

LNAPL persists in several wells at the Site; however, it has recharged to less than 25 percent of originally noted thicknesses. Based on the nominal amount of product recovered during the last two years of system operation (approximately 660 gallons, or one percent of the total amount of LNAPL recovered during operation of the system), meaningful hydraulic recovery of free product is no longer possible. Based on recent groundwater sampling events, the dissolved-phase concentrations of BTEX/PAHs generally appear to be stable or declining and BTEX compounds are absent or at very low concentrations in LNAPL samples. Based on the results of the operation of the onsite MPE system, compliance with the abatement standard requiring zero measurable LNAPL thickness in wells, via hydraulic recovery, is technically infeasible.

### **7.2 Alternative Remediation Technologies**

Alternative remediation technologies have also been considered. Initially, continued operation of the onsite MPE system was evaluated. However, based on the nominal amount of product recovered during the final two years of system operation, meaningful hydraulic recovery of free product was not expected. However, in the spring of 2011, the system was temporarily restarted to evaluate the recovery potential. During approximately one month (April 2011) of continued MPE at wells MW-02, MW-12, MW-14, and MW-24 (which exhibited up to 1.42 feet [MW-24] of LNAPL prior to extraction), only 15 gallons of LNAPL were recovered. This equates to a flow rate of approximately only 0.125 gallons of LNAPL per day from each well. Almost 2,000 gallons of groundwater were also extracted, treated, and discharged. Based on the limited amount of LNAPL recovered, it was determined that the LNAPL remaining in the subsurface at the Site is not readily hydraulically recoverable.

In addition to an evaluation of the technical impracticability of attaining the abatement standards, 19.15.30.9F(1)(a) NMAC also proposes an evaluation of the "relationship between the economic and social costs and benefits," for which consideration of the environmental sustainability of continued active remediation can be a good indicator. As demonstrated during April 2011, via MPE at four wells exhibiting a measurable LNAPL thickness, the potential for hydraulic recovery of LNAPL at the Site is very low due to historic LNAPL removal and apparent achievement of low to near residual LNAPL saturations. Given the substantial electrical power consumption required to operate two 25-horsepower LRPs, multiple liquid transfer pumps, and associated control systems, as well as the resource consumption represented by periodic replacement and disposal of large volumes of zeolite filter clay and carbon for liquid absorption treatment, and the hydrocarbon and associated pollutants generated during twice monthly operation and maintenance visits (travelling via pickup truck to and from the Site), the low hydraulic recovery potential is not sustainable from a resource consumption evaluation. Therefore, this qualitative sustainability evaluation supports the conclusion that hydraulic recovery of the LNAPL at the Site is technically impracticable.

Enhancement of ongoing natural attenuation through in-situ chemical oxidation via subsurface injection was also considered. Local geology consists of fine to coarse grained sand with some gravel, making the Site suitable with respect to hydraulic conductivity/permeability for adequate dispersion of injected oxidants. However, while the Site geology may be conducive to chemical delivery, injection is not typically a good option for the remediation of free-phase LNAPL because the oxidant demand is too high. So, while

chemical oxidation is known to be very effective at many sites impacted with petroleum hydrocarbons, the residual LNAPL present in the subsurface would greatly reduce the efficacy of chemical oxidation at the subject site.

When evaluating various alternative remedial technologies, natural attenuation of remaining site impacts was considered. Based on analytical data obtained during recent onsite groundwater monitoring events, the dissolved-phase concentrations of onsite COCs are stable or declining. However, several wells still exhibit measurable thicknesses of free product. It is not clear based on existing data that compliance with the zero measurable LNAPL thickness in wells abatement standard could be met via natural attenuation.

### **7.3 Alternative Remedial/Abatement Standards**

Benzene concentrations at wells MW-06, MW-18, MW-20, and MW-24 remain above the corresponding New Mexico Human Health Standard for groundwater (20.6.2.3103 NMAC). Per 19.15.30.9E(b) NMAC, "The responsible person may demonstrate technical infeasibility by a statistically valid extrapolation of the decrease in concentration of a water contaminant over the remainder of a 20 year period, such that projected future reductions during that time would be less than 20 percent of the concentration at the time the responsible person proposes technical infeasibility." While Figures 35 through 38 show that benzene concentrations at these four locations will continue to decrease such that they will be below the corresponding Human Health Standard within the 20-year period, they also show that the concentrations will degrade by more than 20 percent of their current value. Therefore, we propose that benzene concentrations at the Site be allowed to naturally attenuate rather than propose an alternative remedial/abatement standard. Benzene was not detected in LNAPL samples and is expected to continue to degrade in groundwater.

While measurable thicknesses of LNAPL persist at the Site, it is evident that the residual LNAPL is not readily recoverable hydraulically. Figure 27 demonstrates, using only data collected since the limit of hydraulic recovery was achieved (June 2008), that measured LNAPL thicknesses in the wells are directly related to changes in regional groundwater elevation. Therefore, rather than propose an alternative abatement standard (i.e., LNAPL thickness) we request a waiver to the abatement standard requiring zero measurable LNAPL thickness in wells at the Site.

## **8.0 Proposed Site Closure Activities**

### **8.1 Public Notice**

Following submittal of this TI Proposal and a Site Closure Plan, and pending guidance from the NMOCD, public notice of the proposed onsite activities will be provided to the following:

- surface owners of record within 1 mile of the Site perimeter;
- county commission of geographic area;
- appropriate city officials within city limits or within 1 mile of city limits;
- person(s) identified by director as requiring notice;
- New Mexico trustee for natural resources and any other applicable local, state, and federal regulatory agencies governing the Site; and
- governor or president of a tribe, pueblo, or nation if located within 1 mile of the geographic site boundary.



Following approval of the TI Proposal and Site Closure Plan, the applicant will issue public notice in an approved form in a newspaper of general circulation in the county in which the release occurred and in a newspaper of general circulation in the state. The published notice shall include the following:

- responsible party's name and address;
- location of proposed abatement;
- brief description of the source, extent of estimated volume of release; whether the release occurred in the vadose zone, groundwater, or surface water; and description of the proposed abatement plan;
- brief description of the procedures the director followed in making a final determination;
- statement discussing where the public can view a copy of the abatement plan;
- statement relaying that written comments and requests for public hearings (including reasons why the hearing should be held) will be reviewed if received within 30 days of the date of publication of public notice; and
- an address and phone number at which interested persons may obtain further information.

## **8.2 Site Closure Report**

Following completion of any NMOCD-required site closure activities, a report documenting completion of such activities and requesting "No Further Action" will be submitted to the NMOCD.

## **8.3 Offsite Property Owners**

It should be noted that the historic plume footprint extended offsite onto neighboring U.S. Government Bureau of Land Management (BLM) and State of New Mexico lands. Measurable LNAPL thicknesses continue to be noted in these offsite wells. Therefore, both the BLM and the State of New Mexico should be contacted regarding the subject TI proposal to gauge their potential acceptance and to identify any additional requirements.

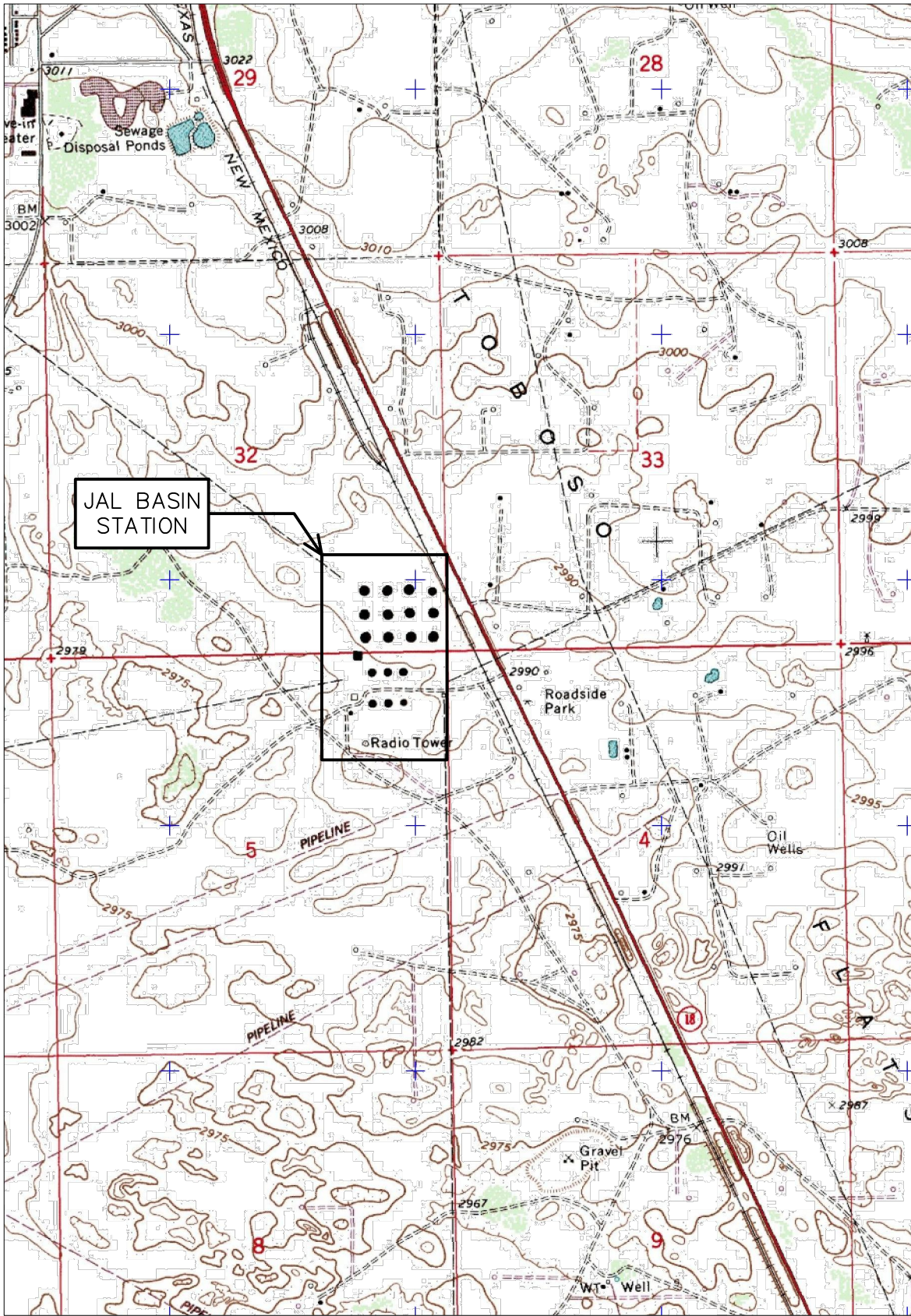
## **9.0 Conclusions**

Extensive active remediation efforts using high-vacuum, MPE techniques have resulted in the recovery of both LNAPL and soil vapor from the subsurface, and the extraction, treatment, and discharge of hydrocarbon-impacted groundwater. Based on the data presented and summarized herein, closure of the Site under the existing standards is technically infeasible. While remaining LNAPL at the Site appears to demonstrate some local mobility, it has not migrated outside the historic maximum LNAPL plume footprint. Also, based on the strong correlation between LNAPL thickness, regional groundwater elevation, and the steady decline in regional groundwater since the system was shut down in June 2008; current LNAPL thicknesses at the Site are not unexpected. Further, there are no current or likely future receptors located in the Site vicinity and therefore, the presence of LNAPL presents no risk to human health or the environment.

- Active remediation occurred at the Site from November 2000 through June 2008, during which time over 60,000 gallons of free-phase diesel fuel and vapor were recovered from the subsurface via two-phase (MPE) extraction.

- Approximately 48,000 gallons (~80%) of LNAPL were recovered from 2001 through mid-2003, and approximately 12,000 gallons (~12%) were recovered from mid-2003 through 2005. LNAPL recovery continued to decrease asymptotically. Based on the nominal amount of product recovered from October 2007 through June 2008 (approximately 42 gallons, or about 0.1 percent), it was determined that meaningful hydraulic recovery of free product was no longer practicable, and active remediation was discontinued in June 2008 as a result of these diminishing returns.
- Remediation efforts effectively achieved and maintained hydraulic control of the LNAPL plume, resulting in a substantial reduction of the plume footprint.
- Measurable LNAPL persists in several wells as a result of decreased groundwater elevations across the Site since shutdown of the active remediation system. While this is an indication of some local mobility, LNAPL has not migrated outside of the historic LNAPL plume footprint even in the absence of hydraulic control.
- Based on the results of the decline curve analyses (both the EUR and the RTA), the limits of hydraulically recoverable LNAPL have been reached (i.e., approximately 60,000 gallons of recovered product during 7.5 years of active recovery).
- A fingerprint analysis of remaining LNAPL at the Site indicated a weathered hydrocarbon (i.e., approximately a 25 percent loss of the more volatile components) likely due to active remediation efforts. Neither benzene nor toluene were detected in the samples analyzed.
- Recent soil sampling conducted in the former source area and adjacent to the well with the greatest LNAPL rebound indicated no hydrocarbon impacts until reaching the base of the vadose zone, likely the result of residual LNAPL and regional groundwater fluctuations.
- Based on recent groundwater sampling events, dissolved-phase concentrations of BTEX and PAHs appear to be stable or declining, indicating the remaining LNAPL is not acting as a continuing source for these constituents.
- While benzene persists in four wells at concentrations above the New Mexico Human Health Standard for groundwater, natural attenuation is occurring and extrapolation of future benzene concentrations demonstrates achievement of the standard in less than ten years.
- There are no current or likely future receptors located in the Site vicinity and therefore no risk to human health or the environment due to the presence of LNAPL at the groundwater table.

# ***FIGURES***



JAL BASIN  
STATION

JAL QUADRANGLE  
NEW MEXICO, TEXAS

1:24000 scale



SEAL:

SITE LOCATION MAP  
JAL BASIN STATION  
JAL, LEA COUNTY, NEW MEXICO  
SHELL PIPELINE COMPANY, L.P.



TX REGISTERED ENGINEERING FIRM  
F-005969

DATE: 12/29/2011

PRJ NO.: 106.001.01

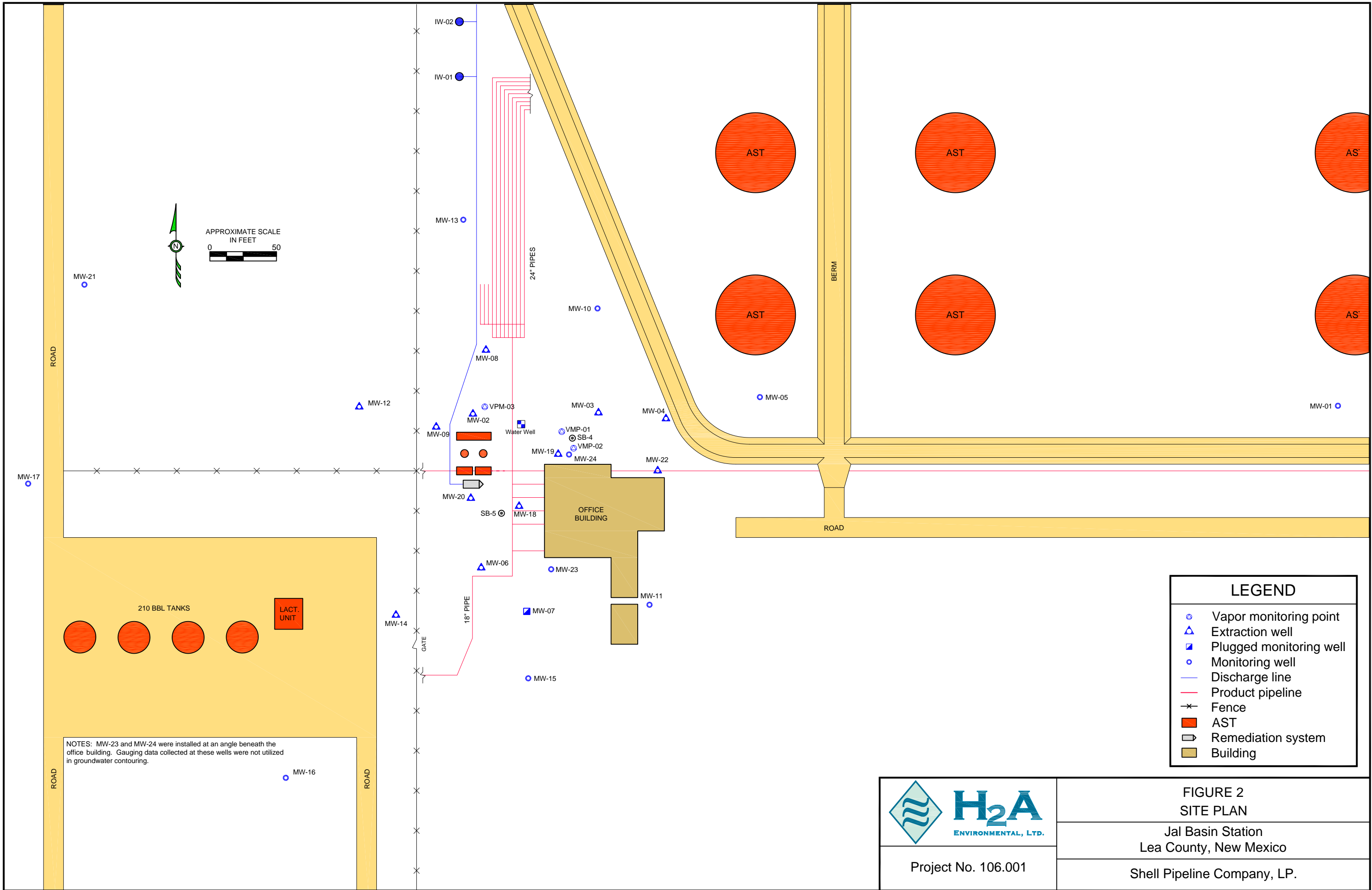
DRAWN BY: ANC

CHECKED BY: SSW

SCALE: 1:24,000

FIGURE

1



NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building

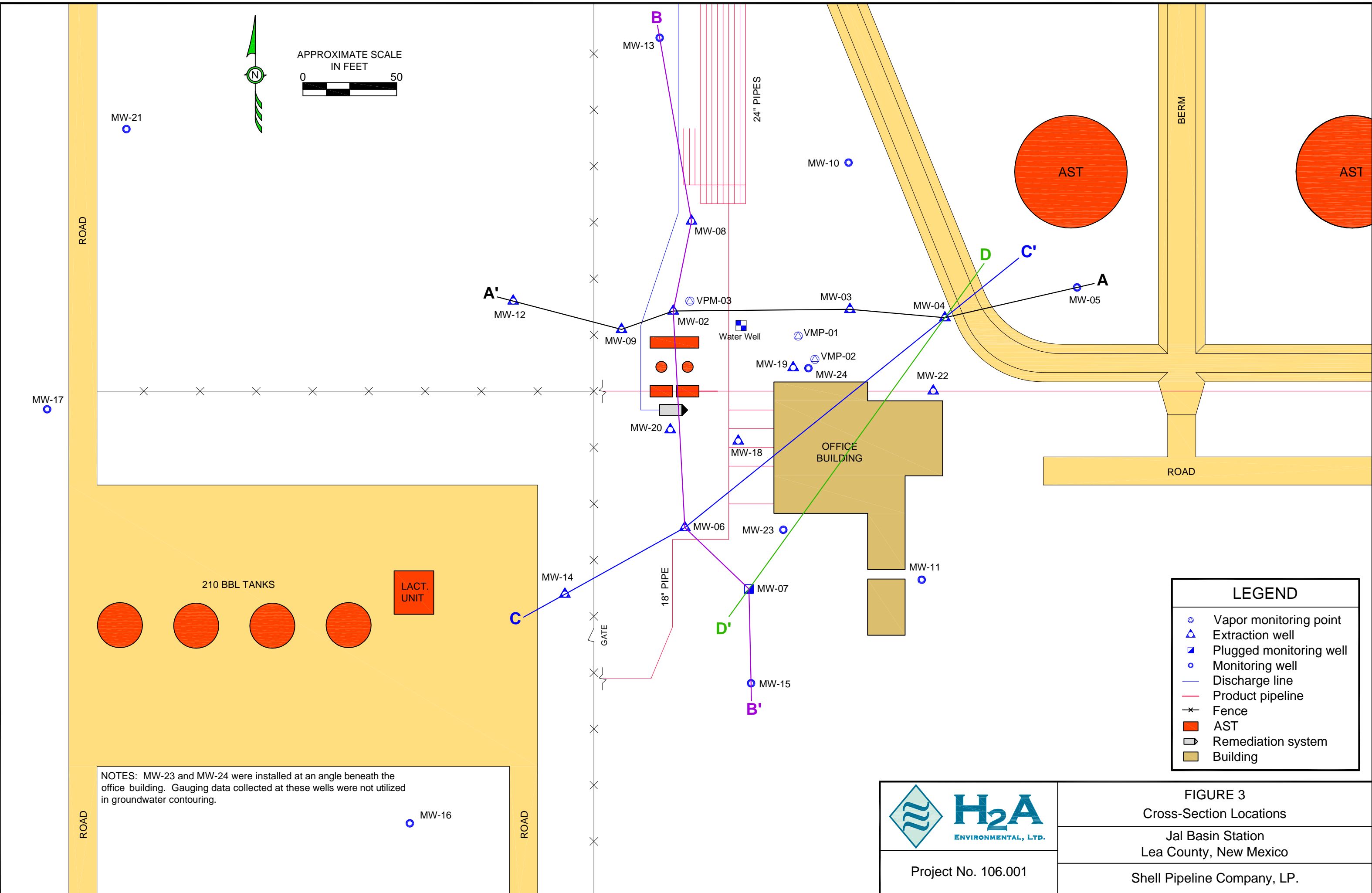


Project No. 106.001

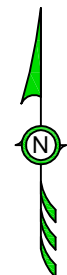
FIGURE 2  
SITE PLAN

Jal Basin Station  
Lea County, New Mexico

Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET  
0 50



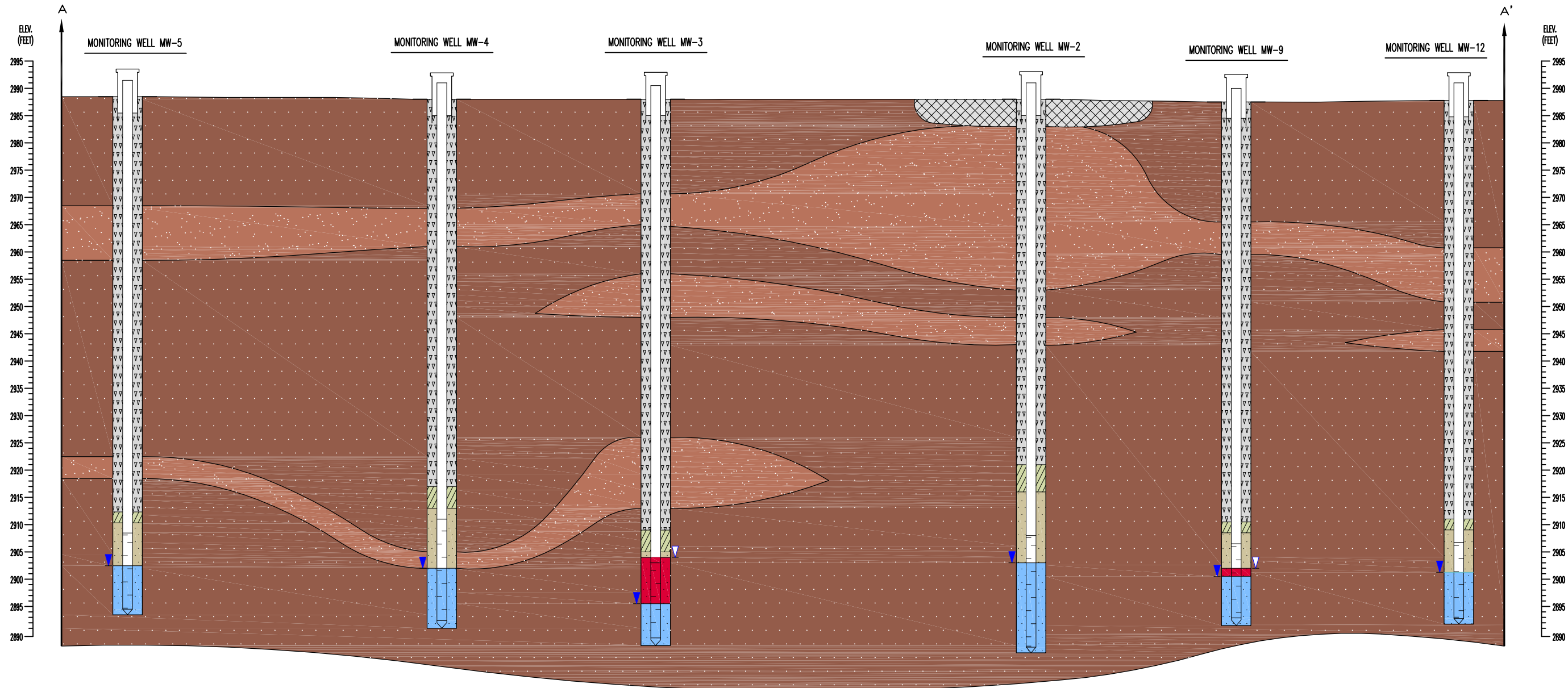
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.











Project No. 106.001

**FIGURE 3**  
Cross-Section Locations  
Jal Basin Station  
Lea County, New Mexico  
Shell Pipeline Company, LP.



**LEGEND**

-  Concrete Surface Seal
-  Concrete Surface Seal
-  Bentonite Pellet Seal
-  Sand Pack
-  Sand (SW/SM) – fine to coarse grained, loose, sparse gravel, red to brown, dry to saturated.
-  Sand (SM) – fine to medium grained, medium to very dense, calcareous, tan to brown, dry to moist.
-  Indicates the ground water level measured on October 19, 1999.
-  Indicates the LNAPL level measured on October 19, 1999.

HORIZONTAL SCALE: 1" = 25'  
 VERTICAL SCALE: 1" = 20'

4/9/01-HS (106-001XSECTIONS)

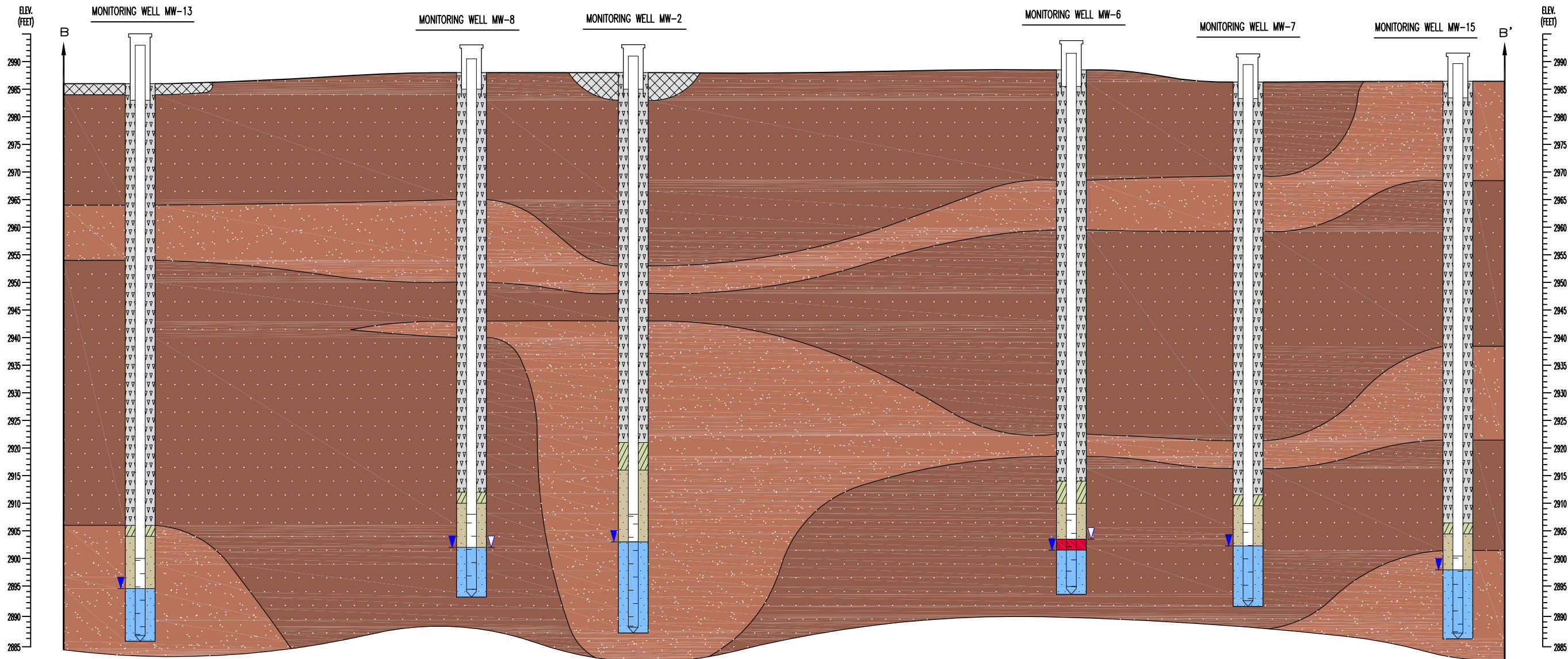


Project No. 106.001









**FIGURE 4**  
 Generalized Cross-Section A-A'

Jal Basin Station  
 Lea County, New Mexico

Shell Pipeline Company, LP.



**LEGEND**

-  Concrete Surface Seal
-  Concrete Surface Seal
-  Bentonite Pellet Seal
-  Sand Pack
-  Sand (SW/SM) – fine to coarse grained, loose, sparse gravel, red to brown, dry to saturated.
-  Sand (SM) – fine to medium grained, medium to very dense, calcareous, tan to brown, dry to moist.
-  Indicates the ground water level measured on October 19, 1999.
-  Indicates the LNAPL level measured on October 19, 1999.

HORIZONTAL SCALE: 1" = 30'  
 VERTICAL SCALE: 1" = 20'

4/9/01-HS (106-001XSECTIONS)



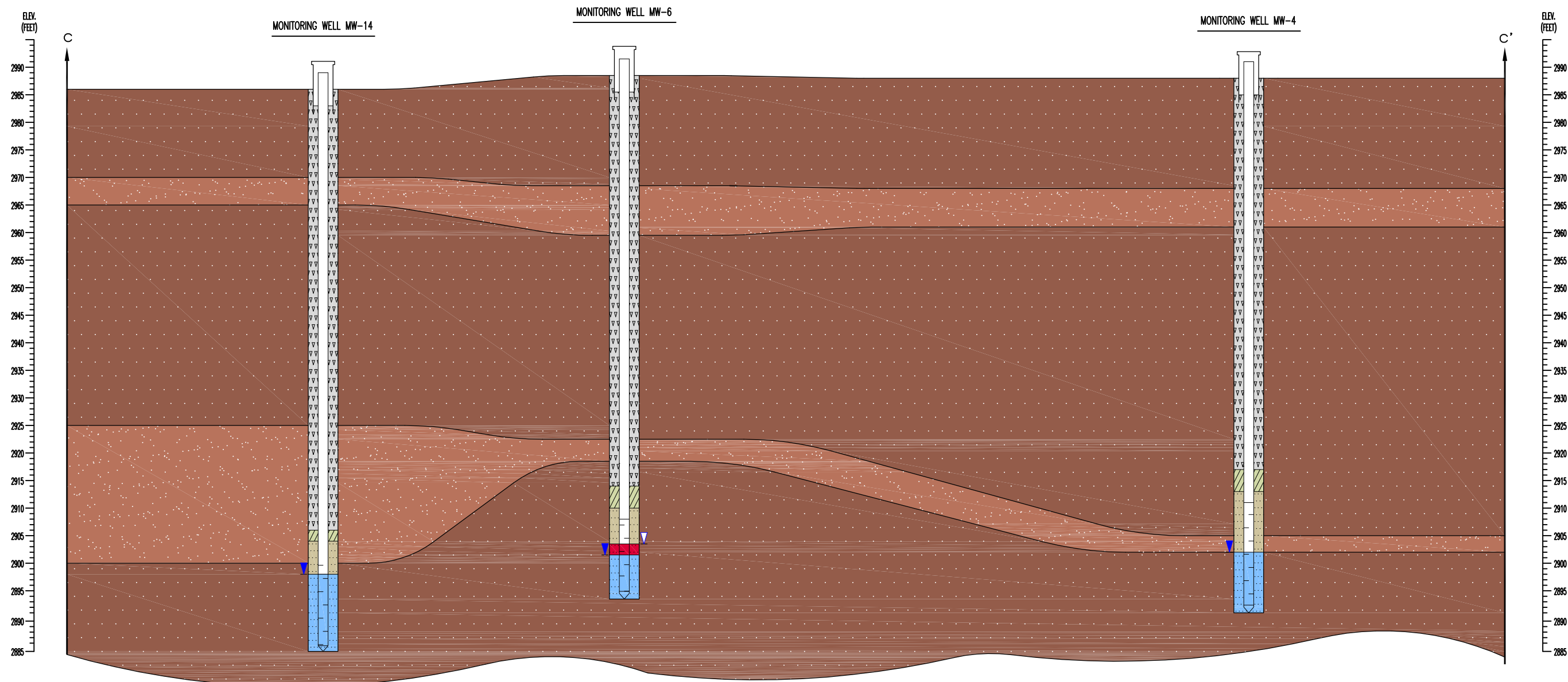
Project No. 106.001

**FIGURE 5**  
 Generalized Cross-Section B-B'








Jal Basin Station  
 Lea County, New Mexico

Shell Pipeline Company, LP.






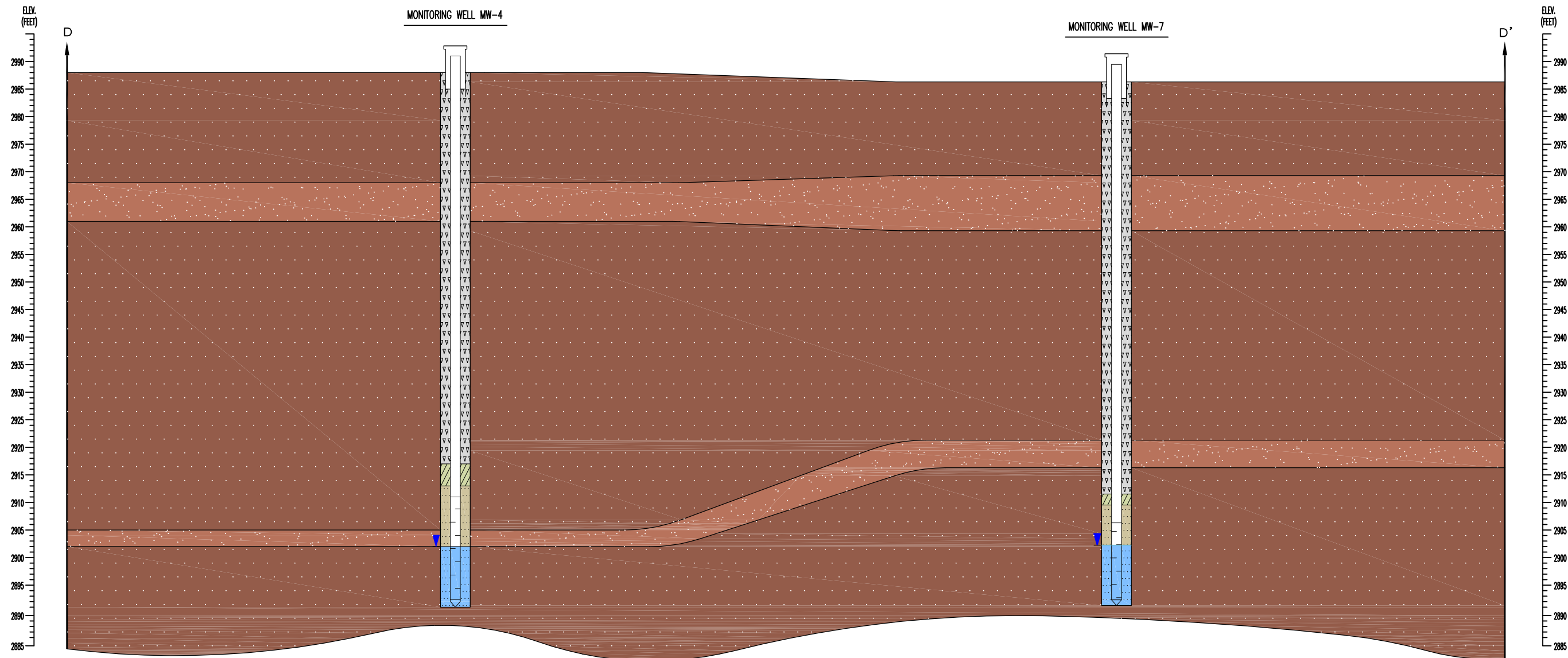
**LEGEND**

-  Concrete Surface Seal
-  Bentonite Pellet Seal
-  Sand Pack
-  Sand (SW/SM) – fine to coarse grained, loose, sparse gravel, red to brown, dry to saturated.
-  Sand (SM) – fine to medium grained, medium to very dense, calcareous, tan to brown, dry to moist.
-  Indicates the ground water level measured on October 19, 1999.
-  Indicates the LNAPL level measured on October 19, 1999.








HORIZONTAL SCALE: 1" = 30'  
 VERTICAL SCALE: 1" = 20'

4/9/01-HS (106-001XSECTIONS)

	<b>FIGURE 6</b> Generalized Cross-Section C-C'
	Jal Basin Station Lea County, New Mexico
Project No. 106.001	Shell Pipeline Company, LP.



**LEGEND**

-  Concrete Surface Seal
-  Bentonite Pellet Seal
-  Sand Pack
-  Sand (SW/SM) – fine to coarse grained, loose, sparse gravel, red to brown, dry to saturated.
-  Sand (SM) – fine to medium grained, medium to very dense, calcareous, tan to brown, dry to moist.
-  Indicates the ground water level measured on October 19, 1999.
-  Indicates the LNAPL level measured on October 19, 1999.

HORIZONTAL SCALE: 1" = 30'  
 VERTICAL SCALE: 1" = 20'

4/9/01-HS (106-001XSECTIONS)



Project No. 106.001

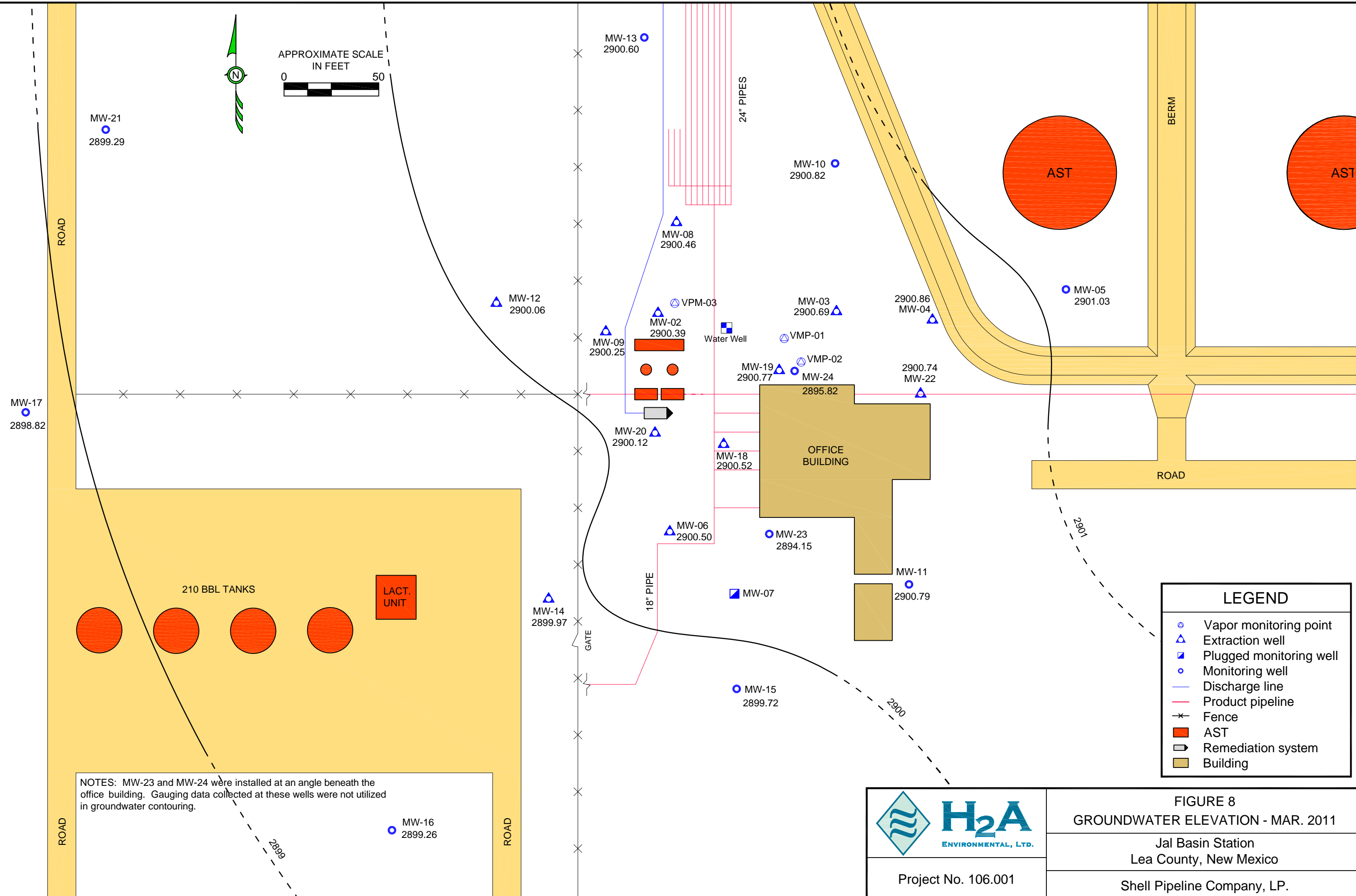
**FIGURE 7**  
 Generalized Cross-Section D-D'

Jal Basin Station  
 Lea County, New Mexico

Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET  
0 50



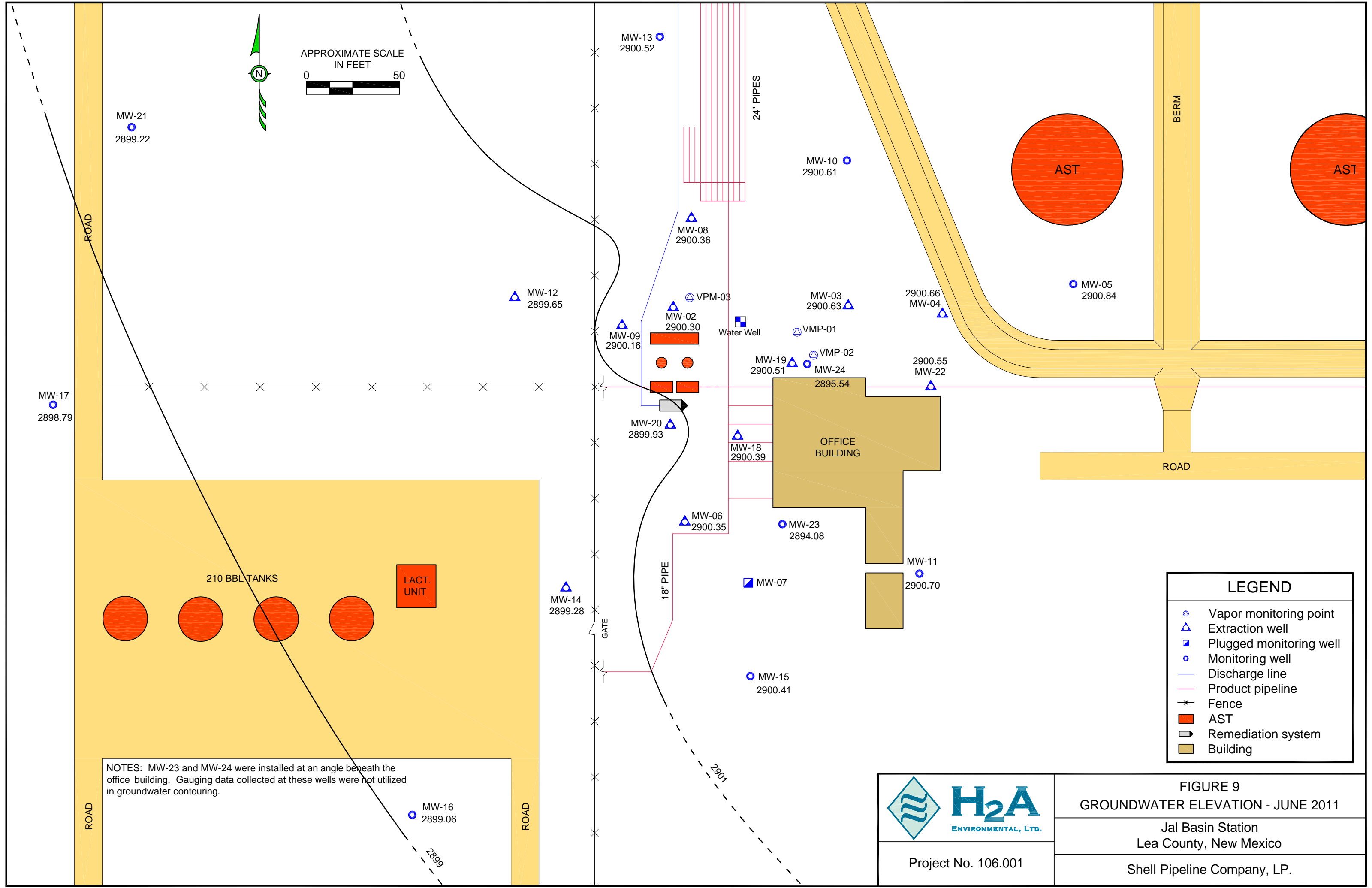
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

**FIGURE 8**  
**GROUNDWATER ELEVATION - MAR. 2011**  
 Jal Basin Station  
 Lea County, New Mexico  
 Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET

0 50



LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

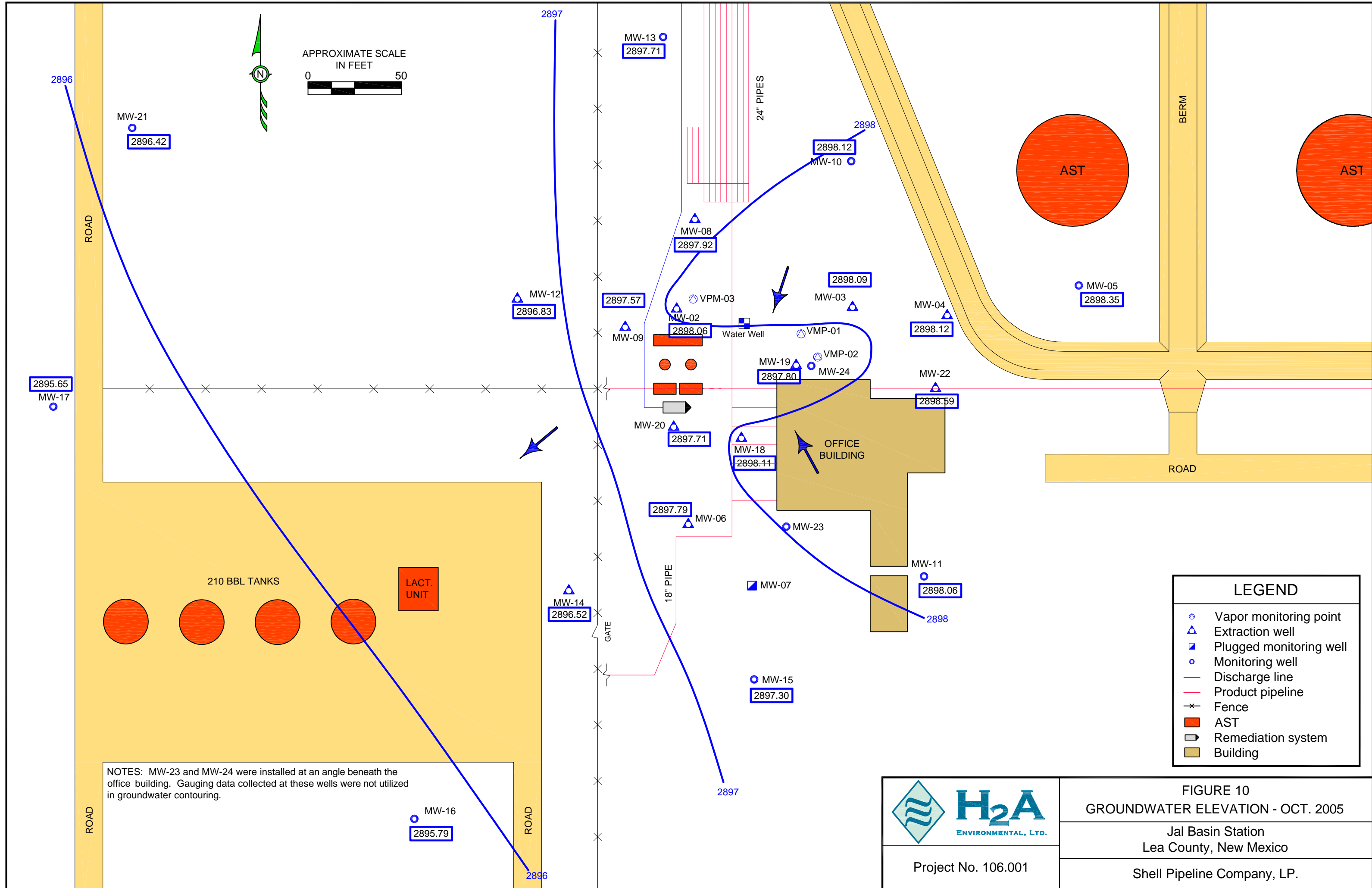
**H<sub>2</sub>A**  
ENVIRONMENTAL, LTD.

Project No. 106.001

**FIGURE 9**  
GROUNDWATER ELEVATION - JUNE 2011

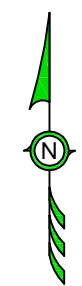
Jal Basin Station  
Lea County, New Mexico

Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET

0 50



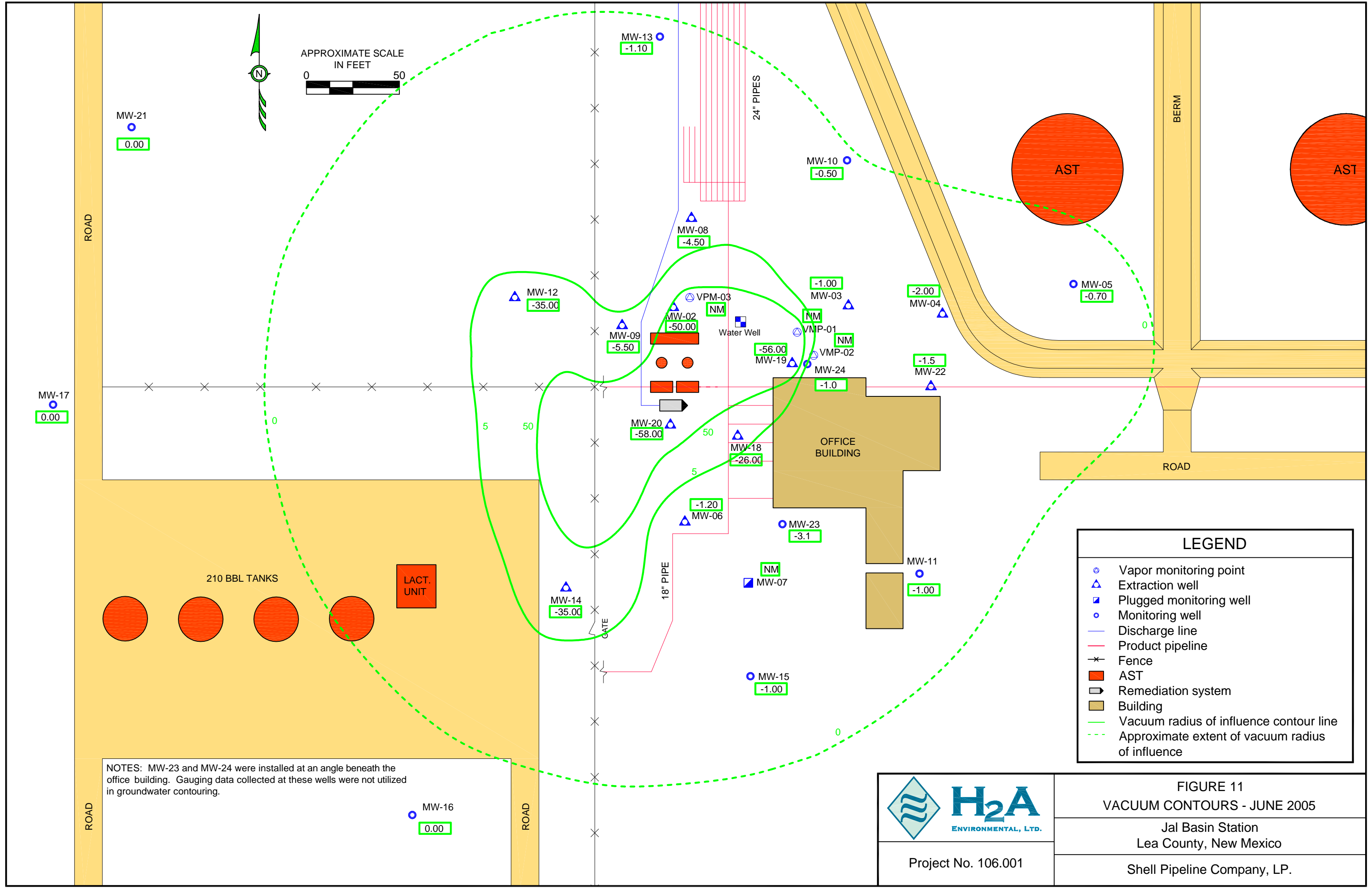
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

FIGURE 10  
GROUNDWATER ELEVATION - OCT. 2005  
Jal Basin Station  
Lea County, New Mexico  
Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET

0 50



LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	Vacuum radius of influence contour line
	Approximate extent of vacuum radius of influence

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

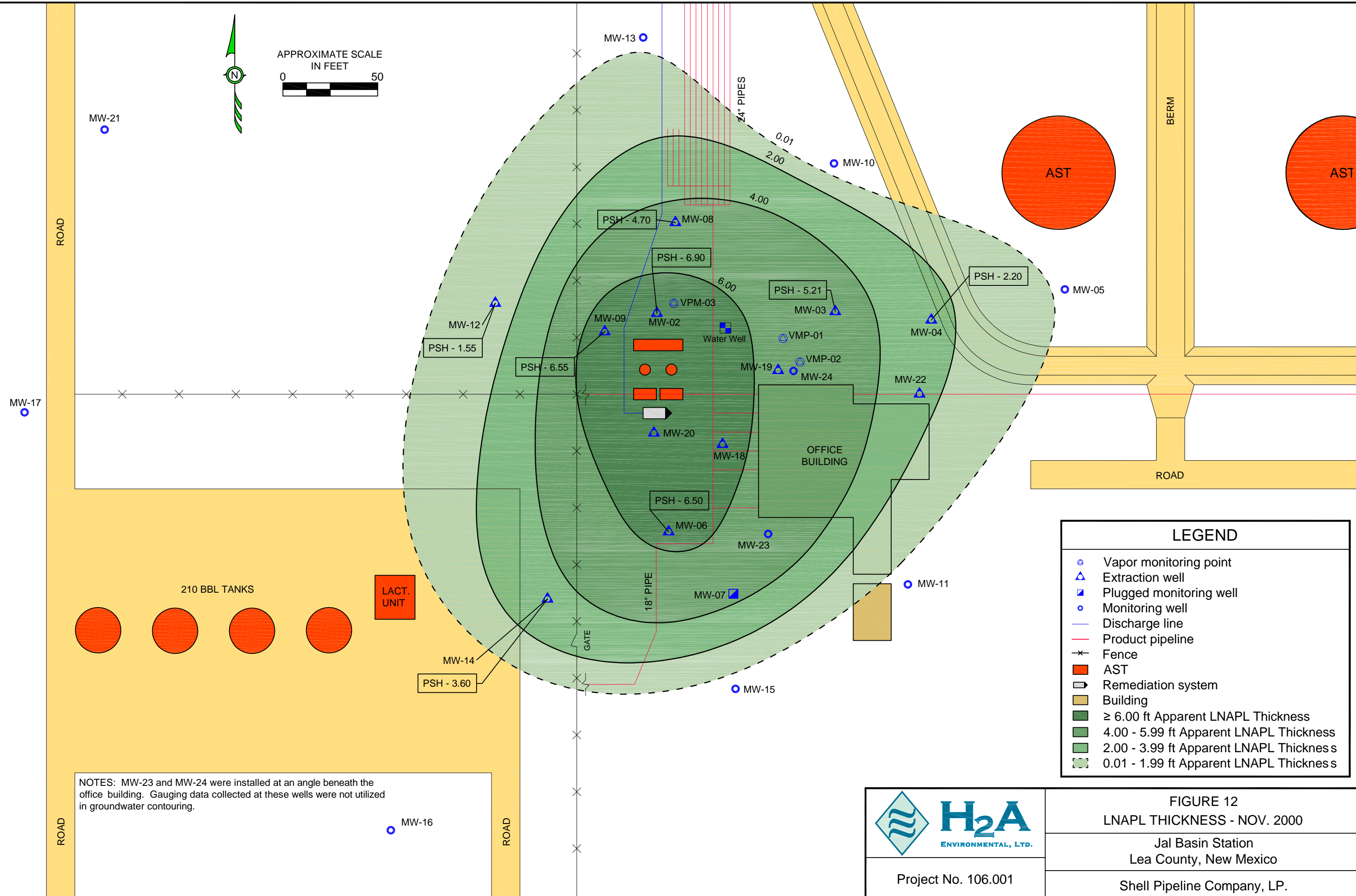
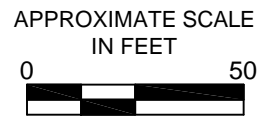
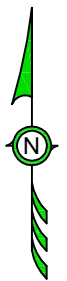
**H<sub>2</sub>A**  
ENVIRONMENTAL, LTD.

Project No. 106.001

FIGURE 11  
VACUUM CONTOURS - JUNE 2005

Jal Basin Station  
Lea County, New Mexico

Shell Pipeline Company, LP.



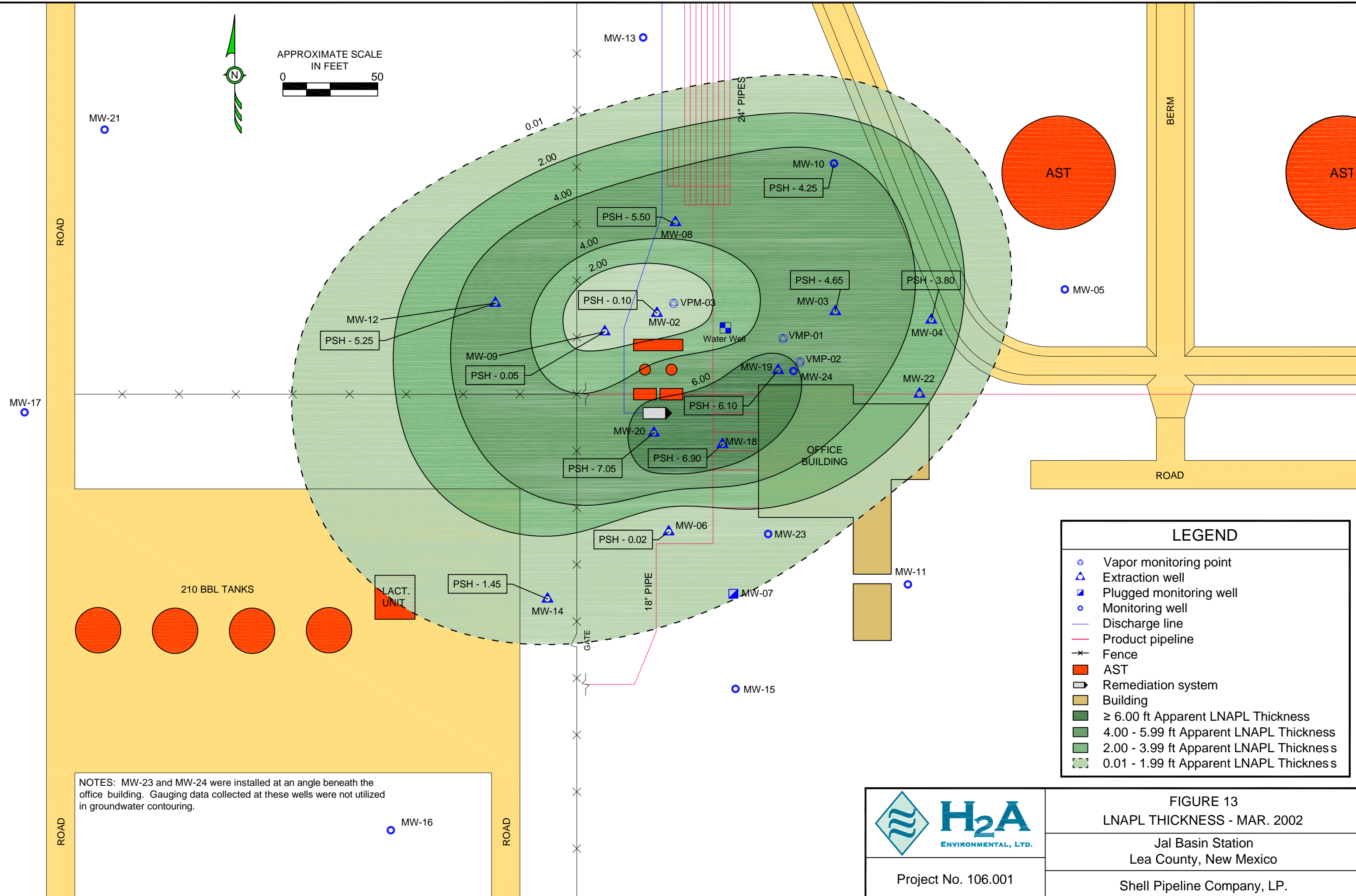
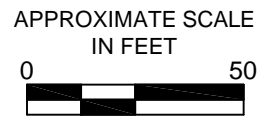
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 6.00 ft Apparent LNAPL Thickness
	4.00 - 5.99 ft Apparent LNAPL Thickness
	2.00 - 3.99 ft Apparent LNAPL Thickness
	0.01 - 1.99 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

**FIGURE 12**  
**LNAPL THICKNESS - NOV. 2000**  
 Jal Basin Station  
 Lea County, New Mexico  
 Shell Pipeline Company, LP.



LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 6.00 ft Apparent LNAPL Thickness
	4.00 - 5.99 ft Apparent LNAPL Thickness
	2.00 - 3.99 ft Apparent LNAPL Thickness
	0.01 - 1.99 ft Apparent LNAPL Thickness

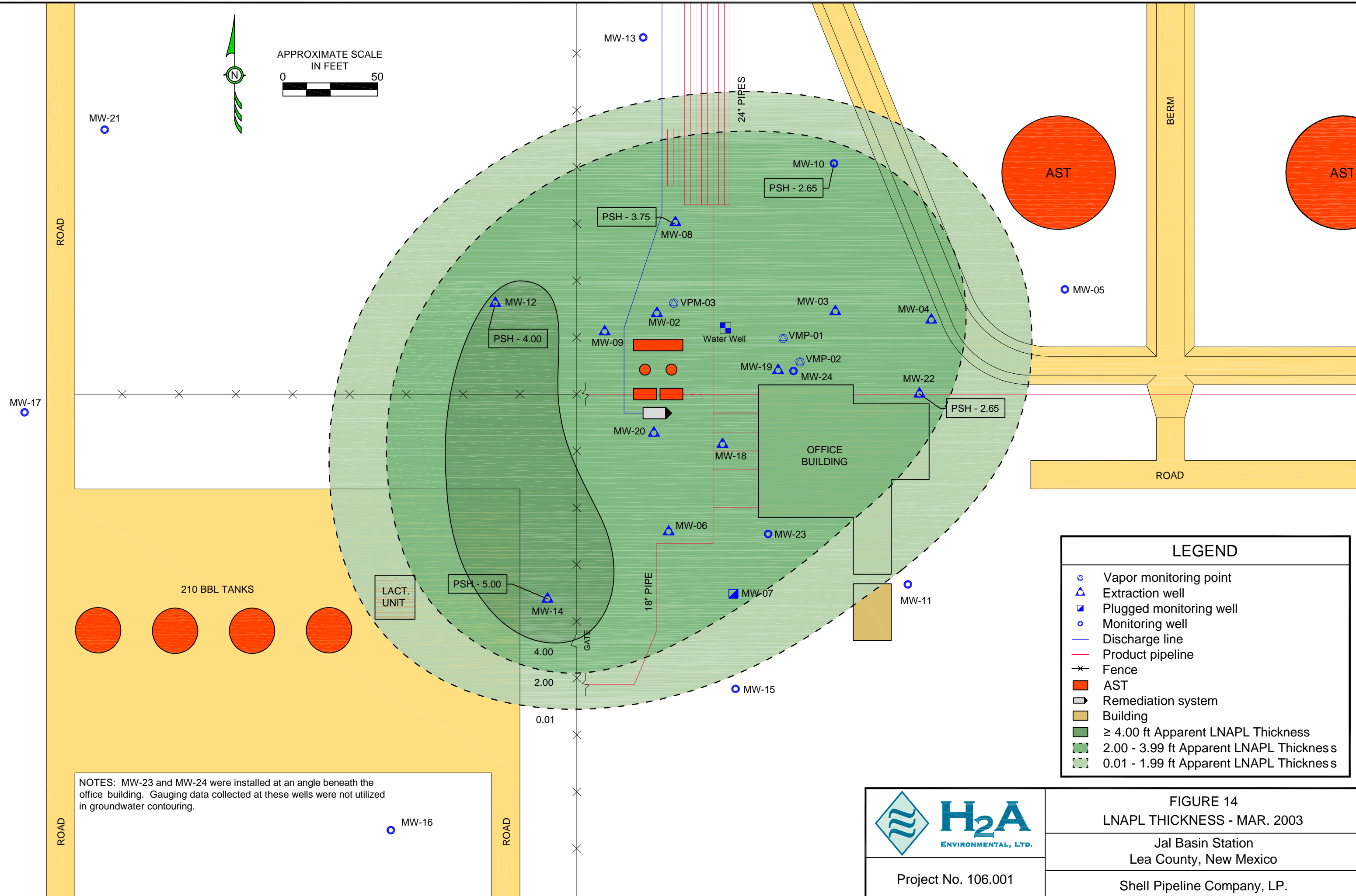
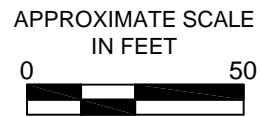
NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

**FIGURE 13**  
**LNAPL THICKNESS - MAR. 2002**  
 Jal Basin Station  
 Lea County, New Mexico  
 Shell Pipeline Company, LP.





LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 4.00 ft Apparent LNAPL Thickness
	2.00 - 3.99 ft Apparent LNAPL Thickness
	0.01 - 1.99 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

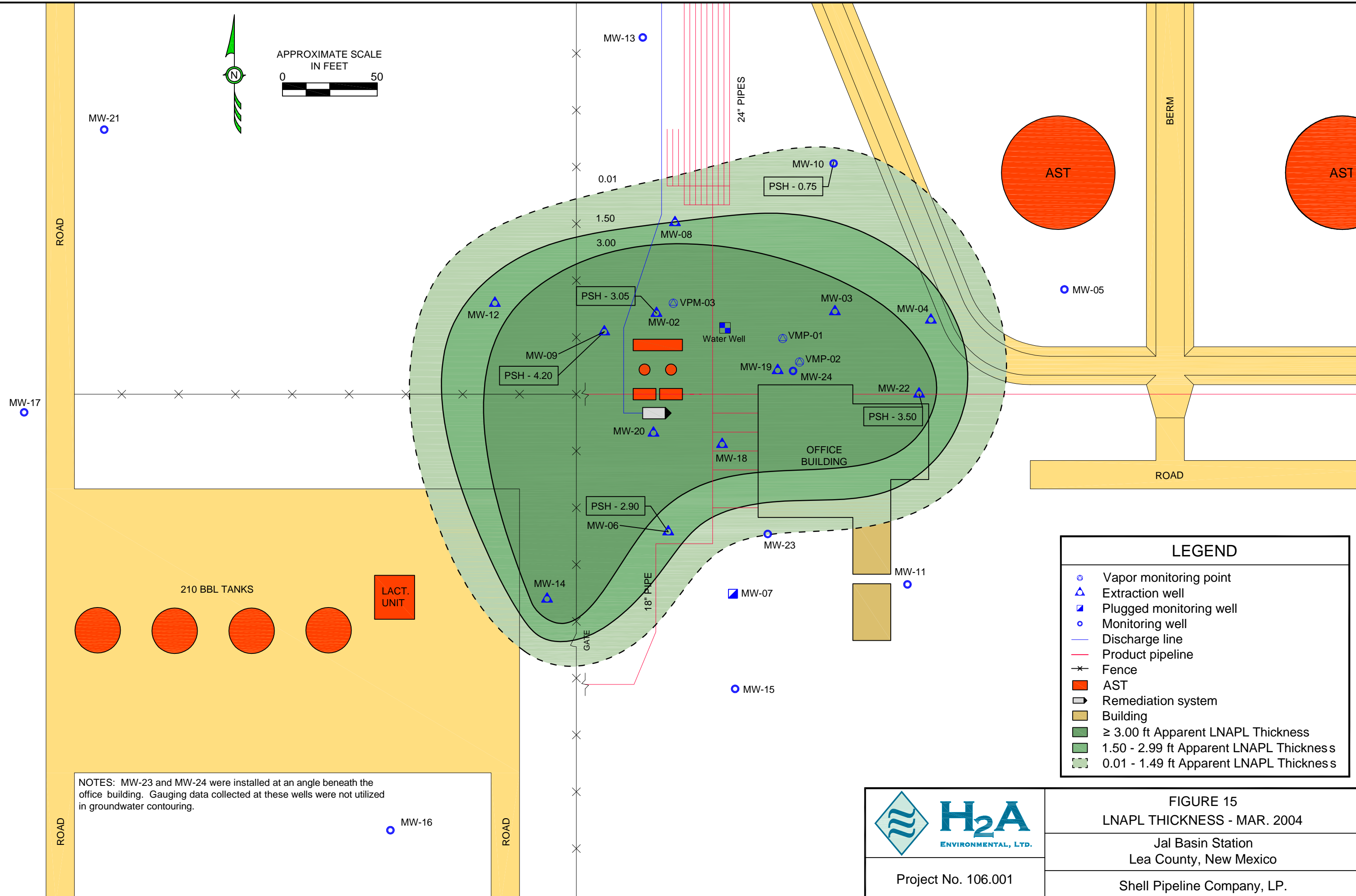
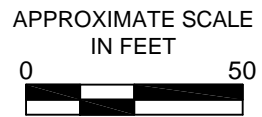


Project No. 106.001

FIGURE 14  
LNAPL THICKNESS - MAR. 2003

Jal Basin Station  
Lea County, New Mexico

Shell Pipeline Company, LP.



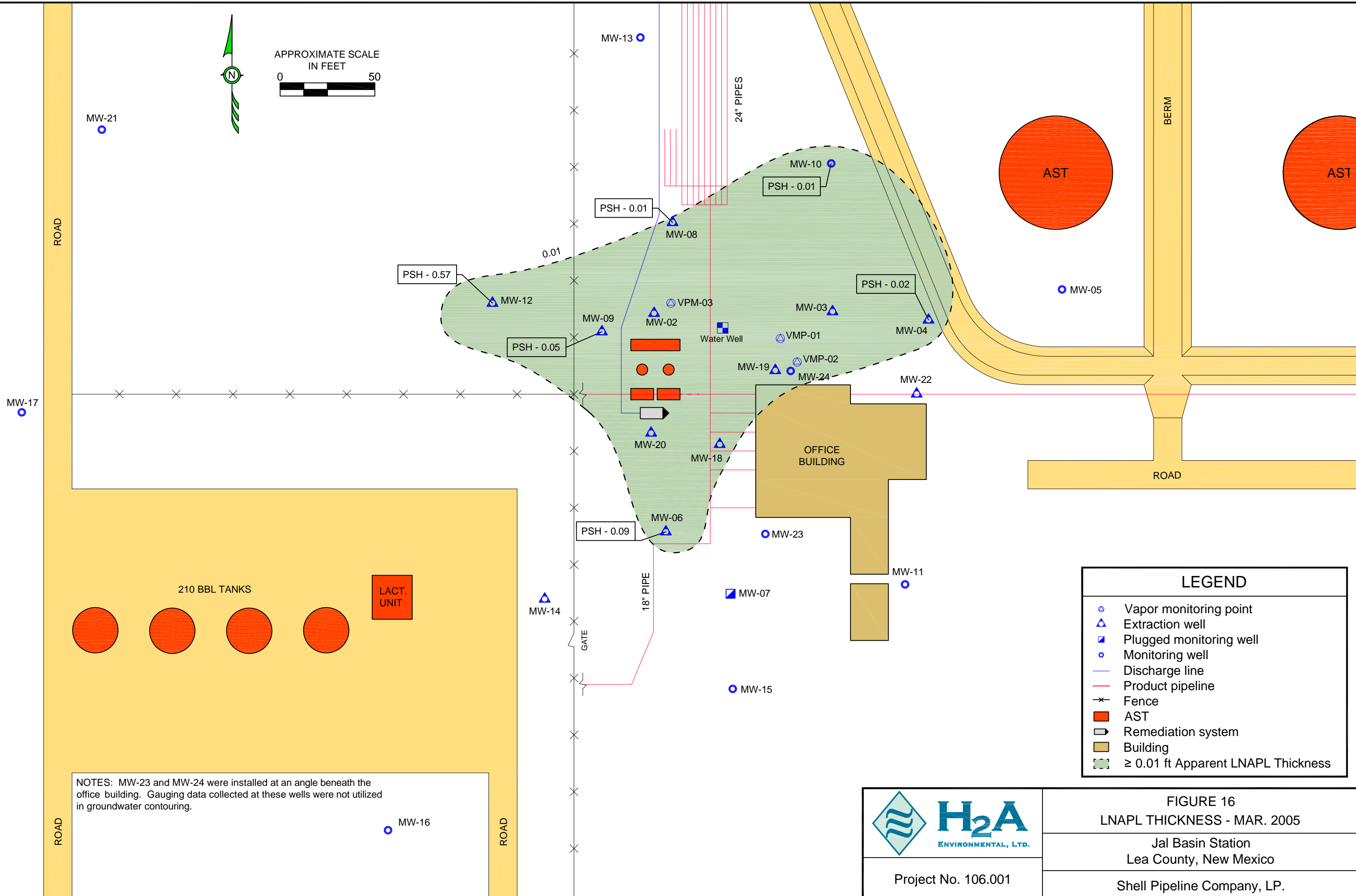
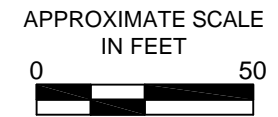
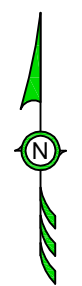
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 3.00 ft Apparent LNAPL Thickness
	1.50 - 2.99 ft Apparent LNAPL Thickness
	0.01 - 1.49 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

**FIGURE 15**  
**LNAPL THICKNESS - MAR. 2004**  
 Jal Basin Station  
 Lea County, New Mexico  
 Shell Pipeline Company, LP.



LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 0.01 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

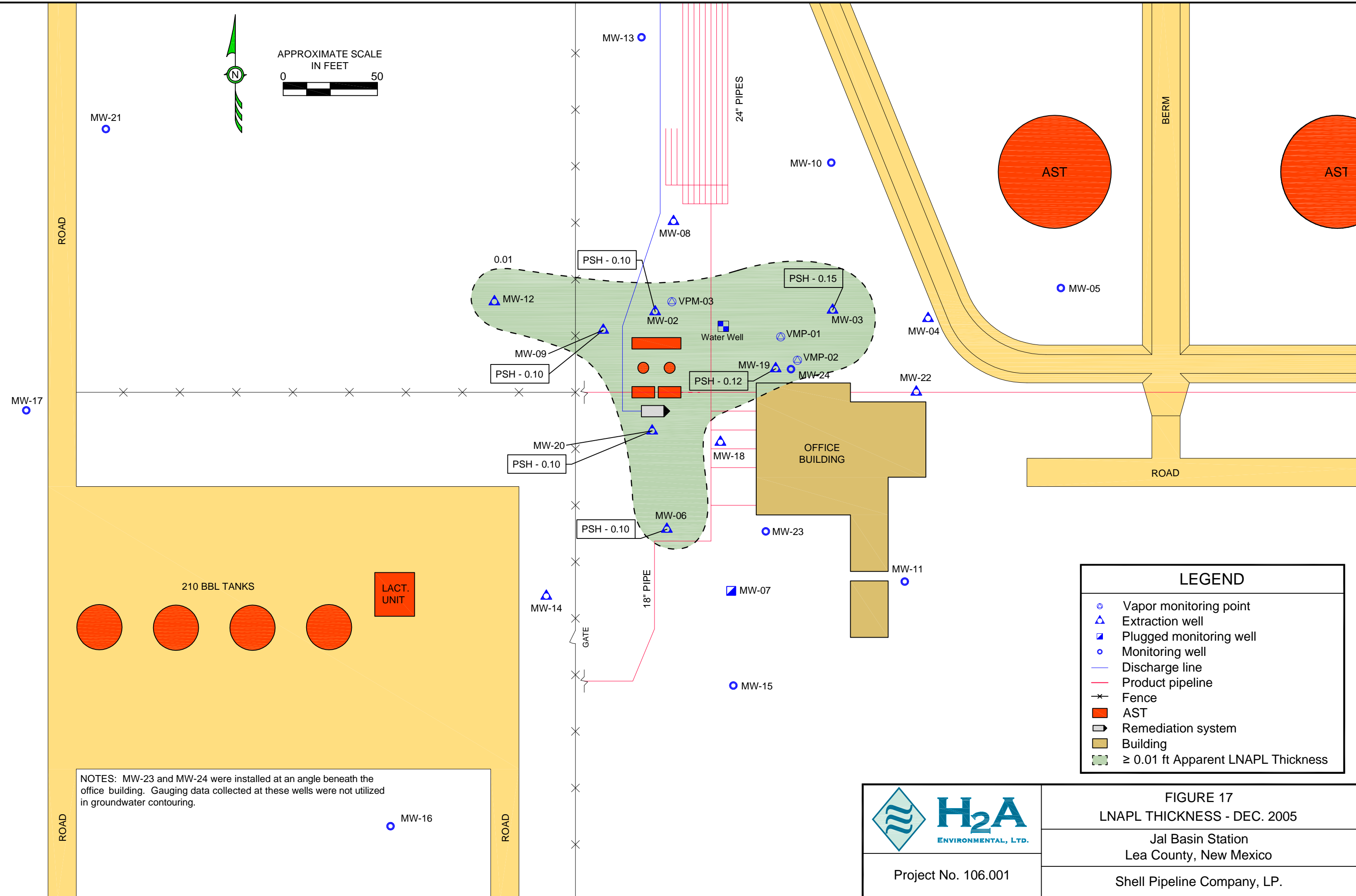


Project No. 106.001

FIGURE 16  
LNAPL THICKNESS - MAR. 2005  
Jal Basin Station  
Lea County, New Mexico  
Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET  
0 50



LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 0.01 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

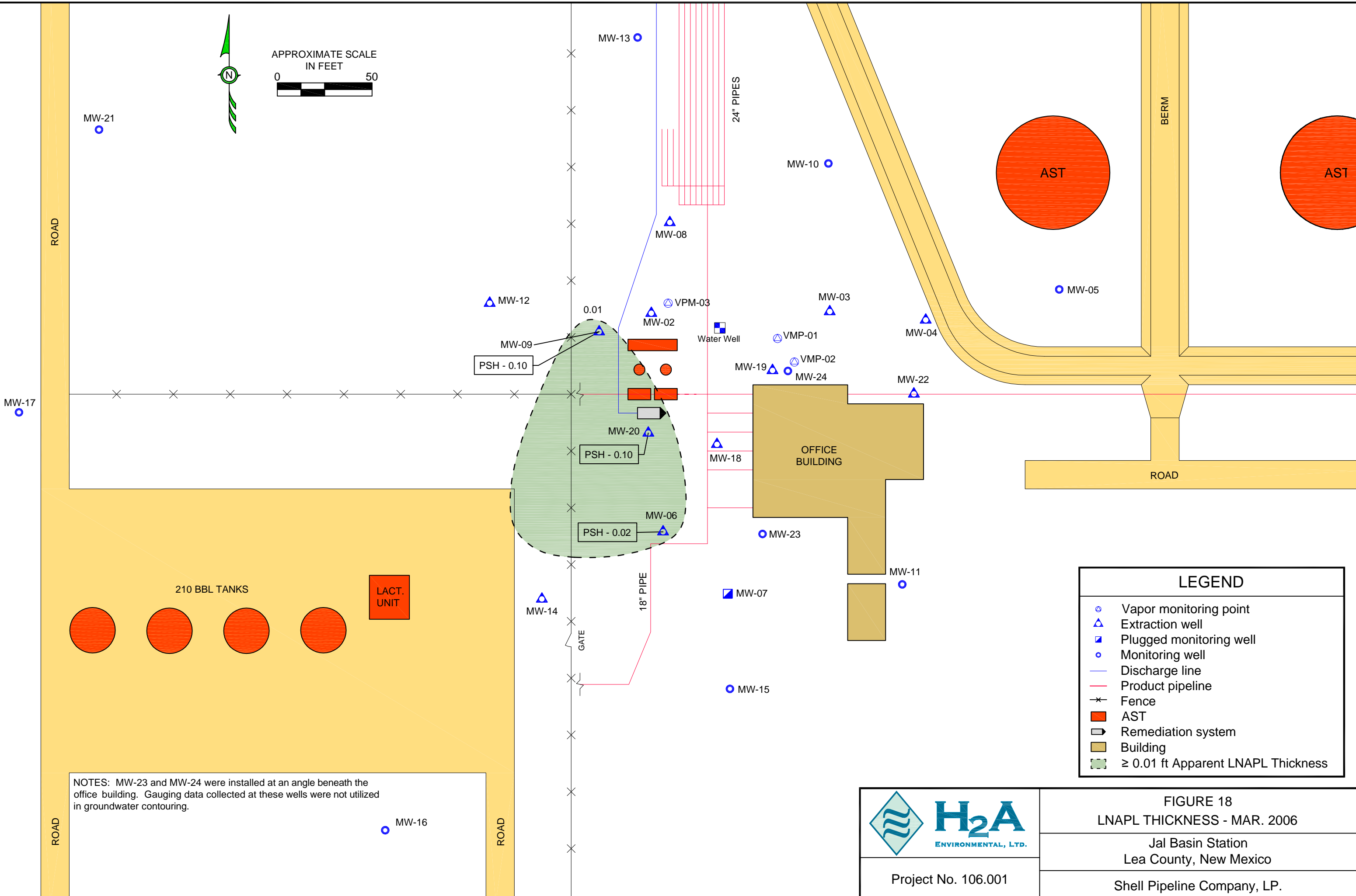


Project No. 106.001

FIGURE 17  
LNAPL THICKNESS - DEC. 2005  
Jal Basin Station  
Lea County, New Mexico  
Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET  
0 50



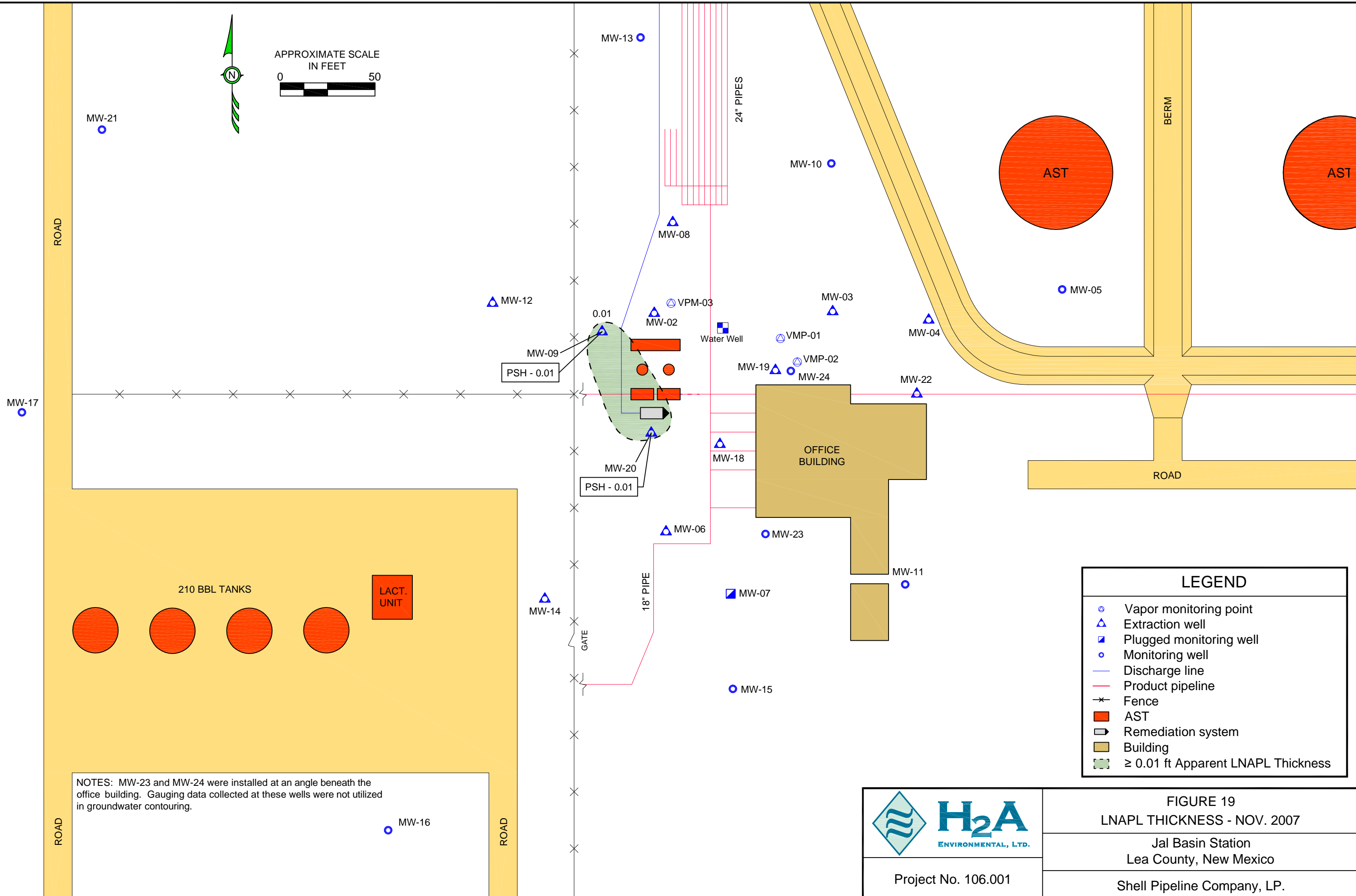
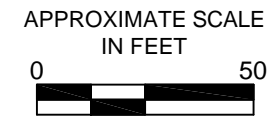
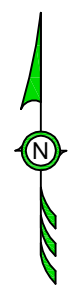
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 0.01 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

FIGURE 18  
LNAPL THICKNESS - MAR. 2006  
Jal Basin Station  
Lea County, New Mexico  
Shell Pipeline Company, LP.



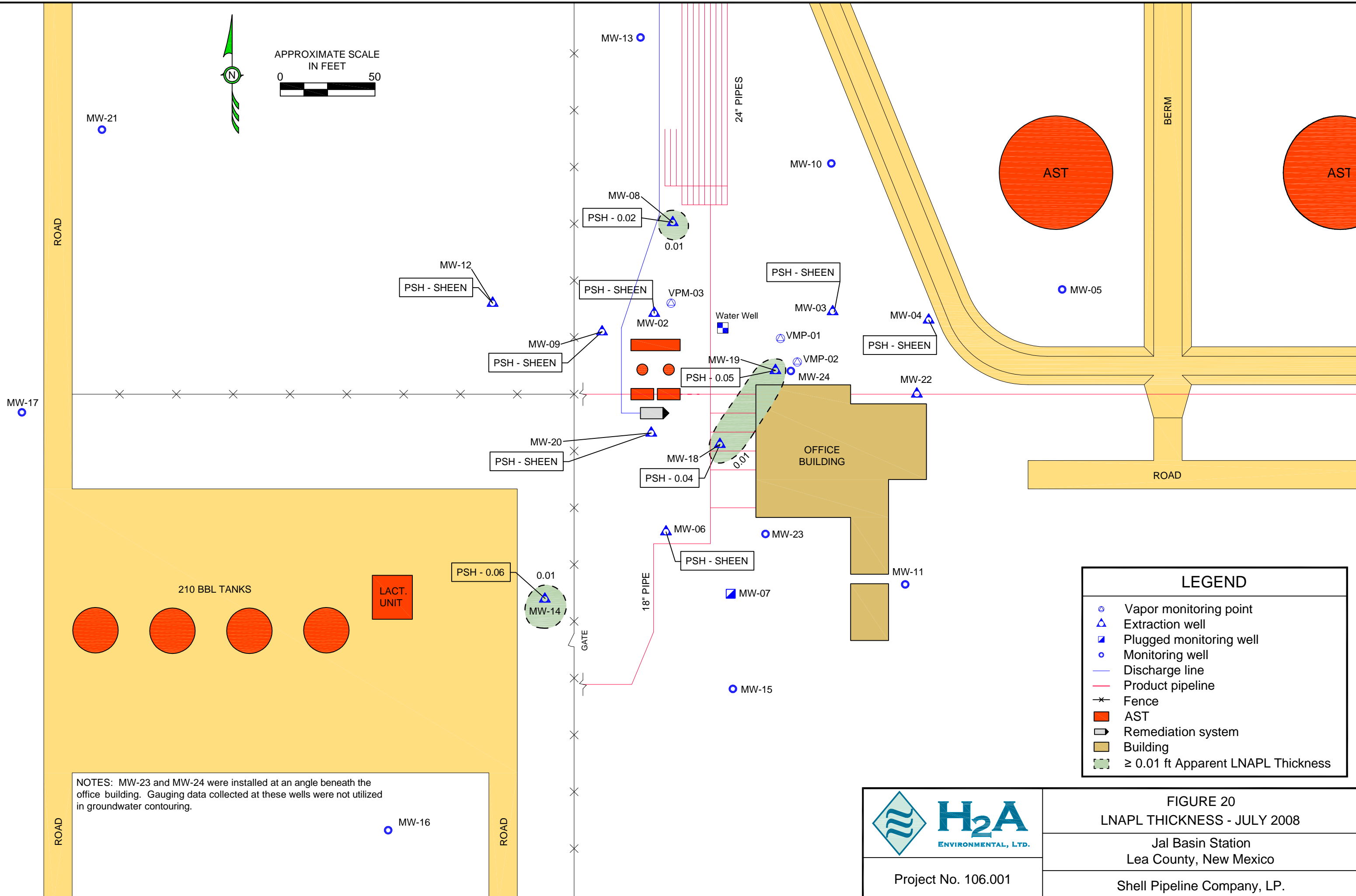
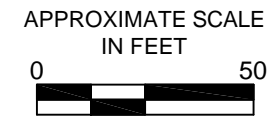
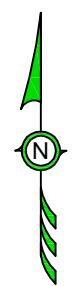
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 0.01 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

FIGURE 19  
LNAPL THICKNESS - NOV. 2007  
Jal Basin Station  
Lea County, New Mexico  
Shell Pipeline Company, LP.



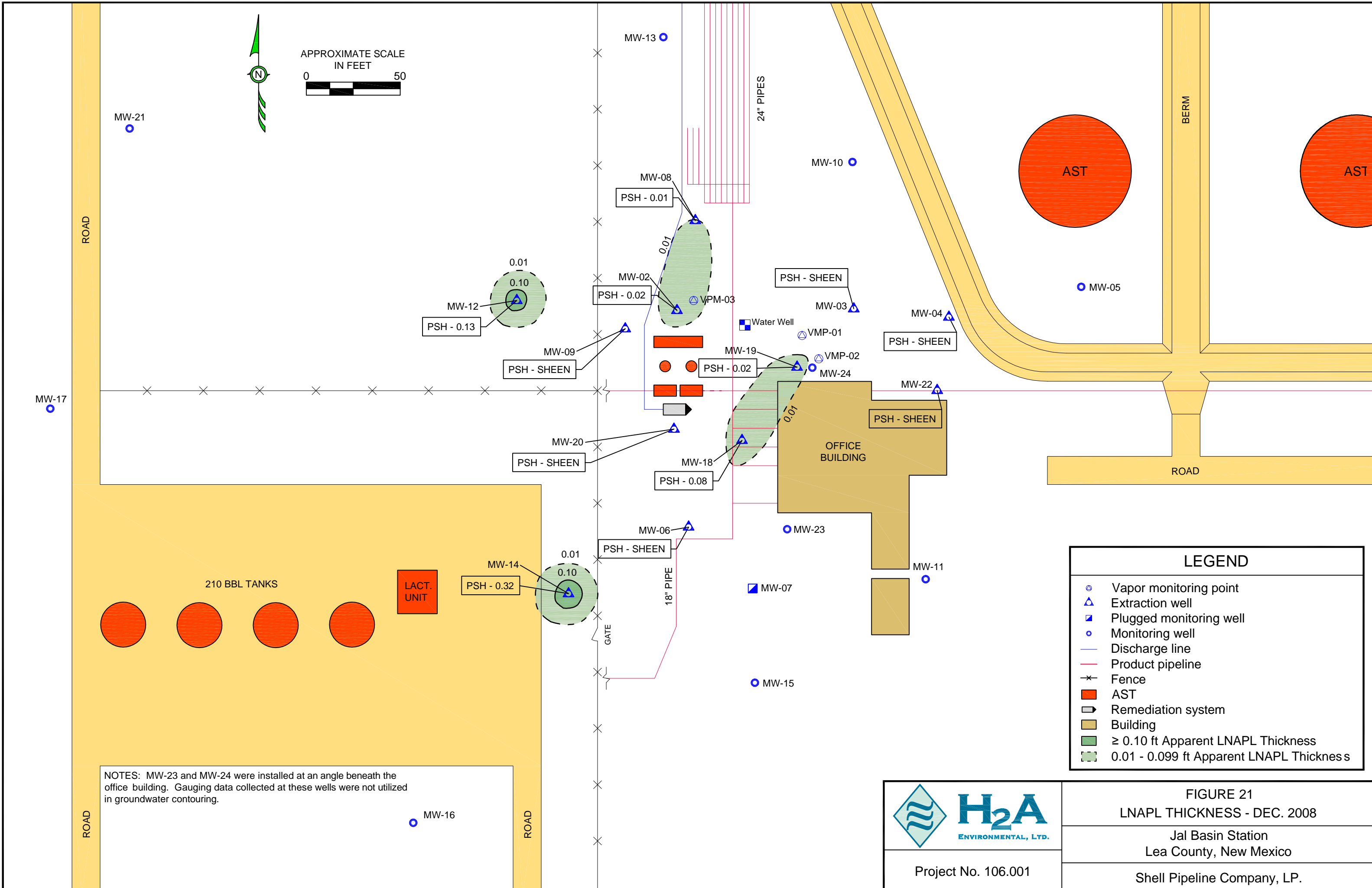
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 0.01 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

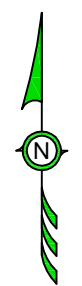


Project No. 106.001

**FIGURE 20**  
**LNAPL THICKNESS - JULY 2008**  
 Jal Basin Station  
 Lea County, New Mexico  
 Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET  
0 50



LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 0.10 ft Apparent LNAPL Thickness
	0.01 - 0.099 ft Apparent LNAPL Thickness

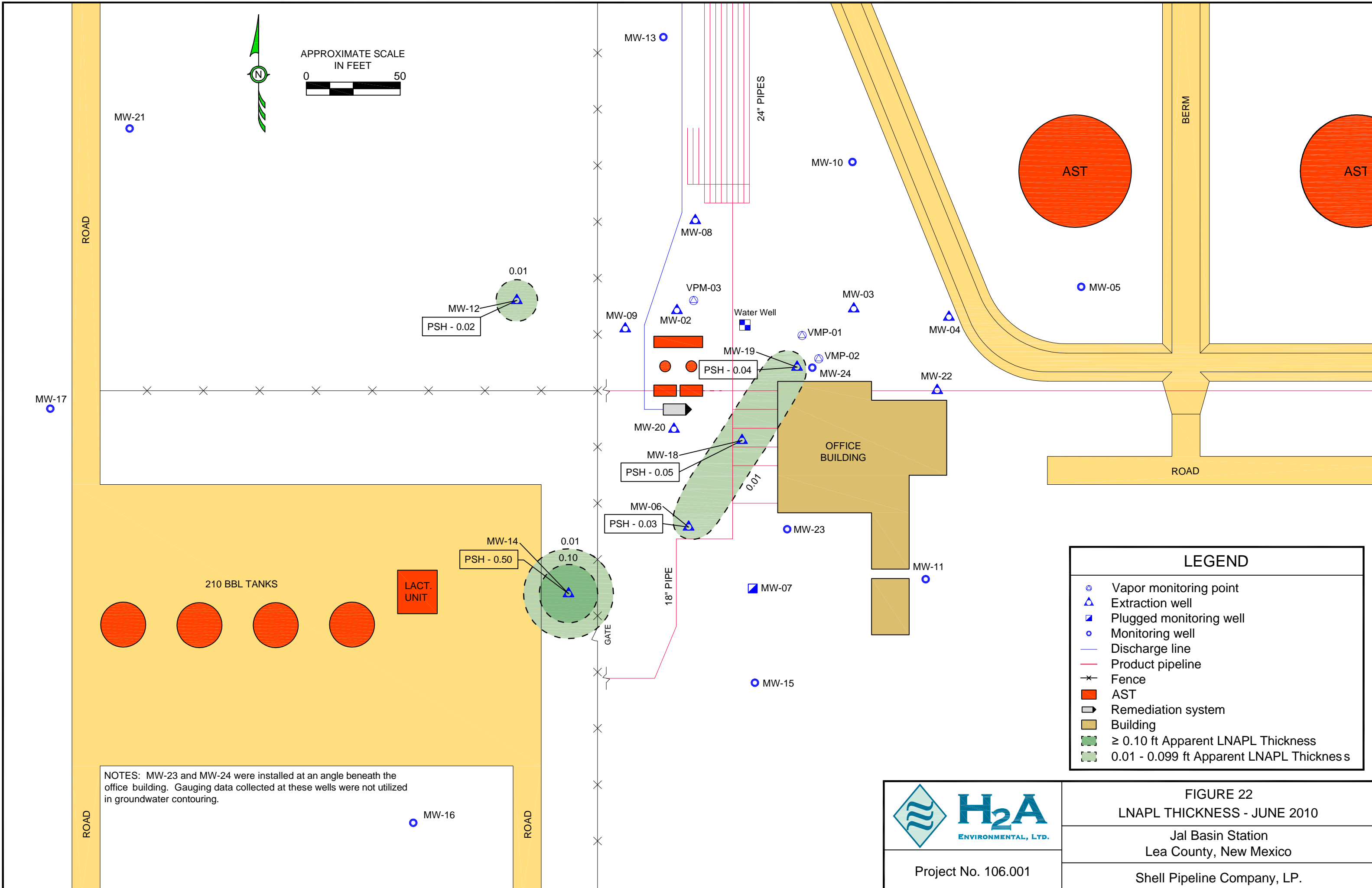
NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

FIGURE 21  
LNAPL THICKNESS - DEC. 2008  
Jal Basin Station  
Lea County, New Mexico  
Shell Pipeline Company, LP.





APPROXIMATE SCALE  
IN FEET

0 50



LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 0.10 ft Apparent LNAPL Thickness
	0.01 - 0.099 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

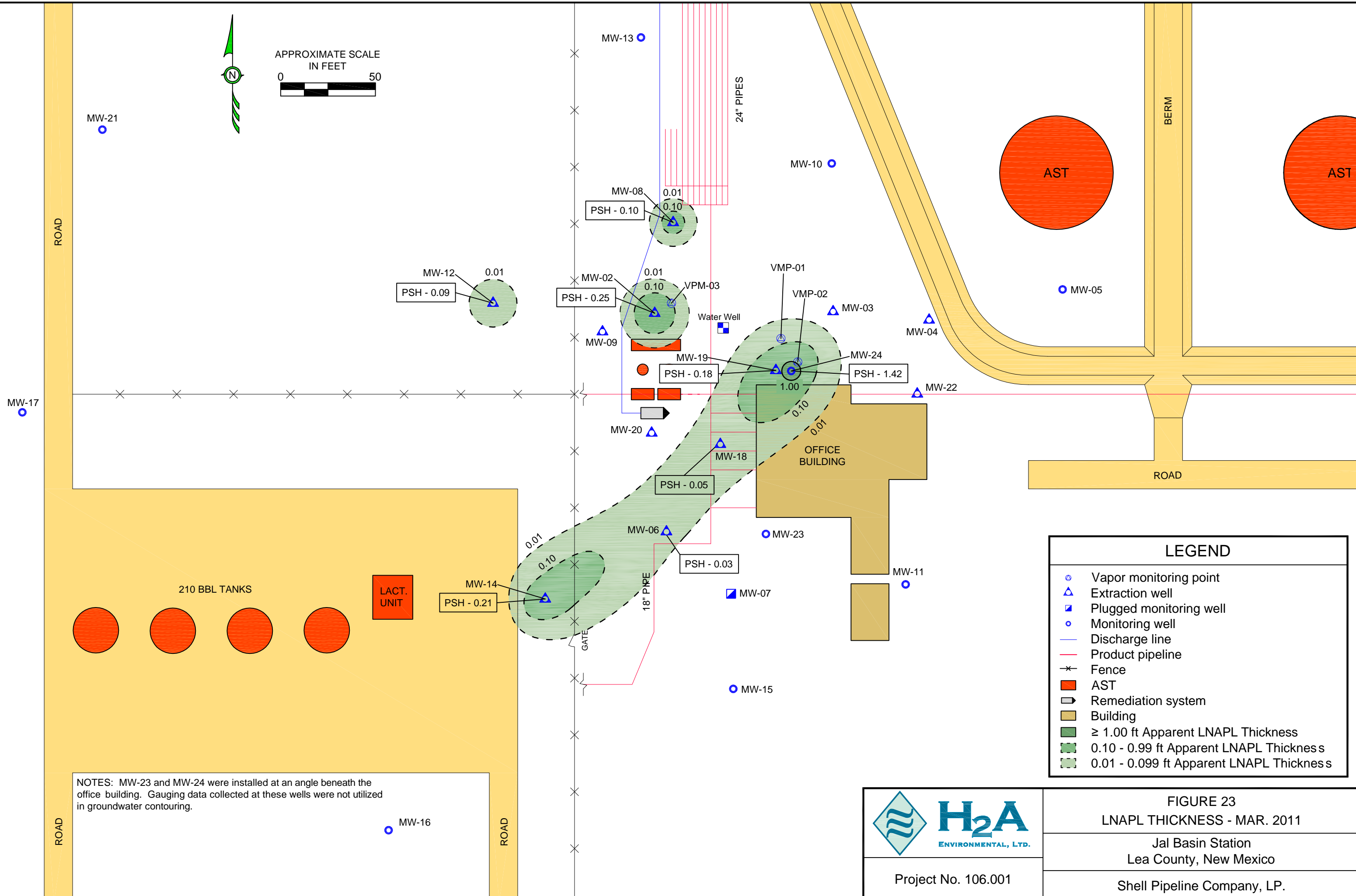
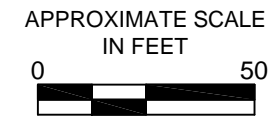
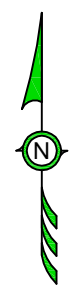


Project No. 106.001

FIGURE 22  
LNAPL THICKNESS - JUNE 2010

Jal Basin Station  
Lea County, New Mexico

Shell Pipeline Company, LP.



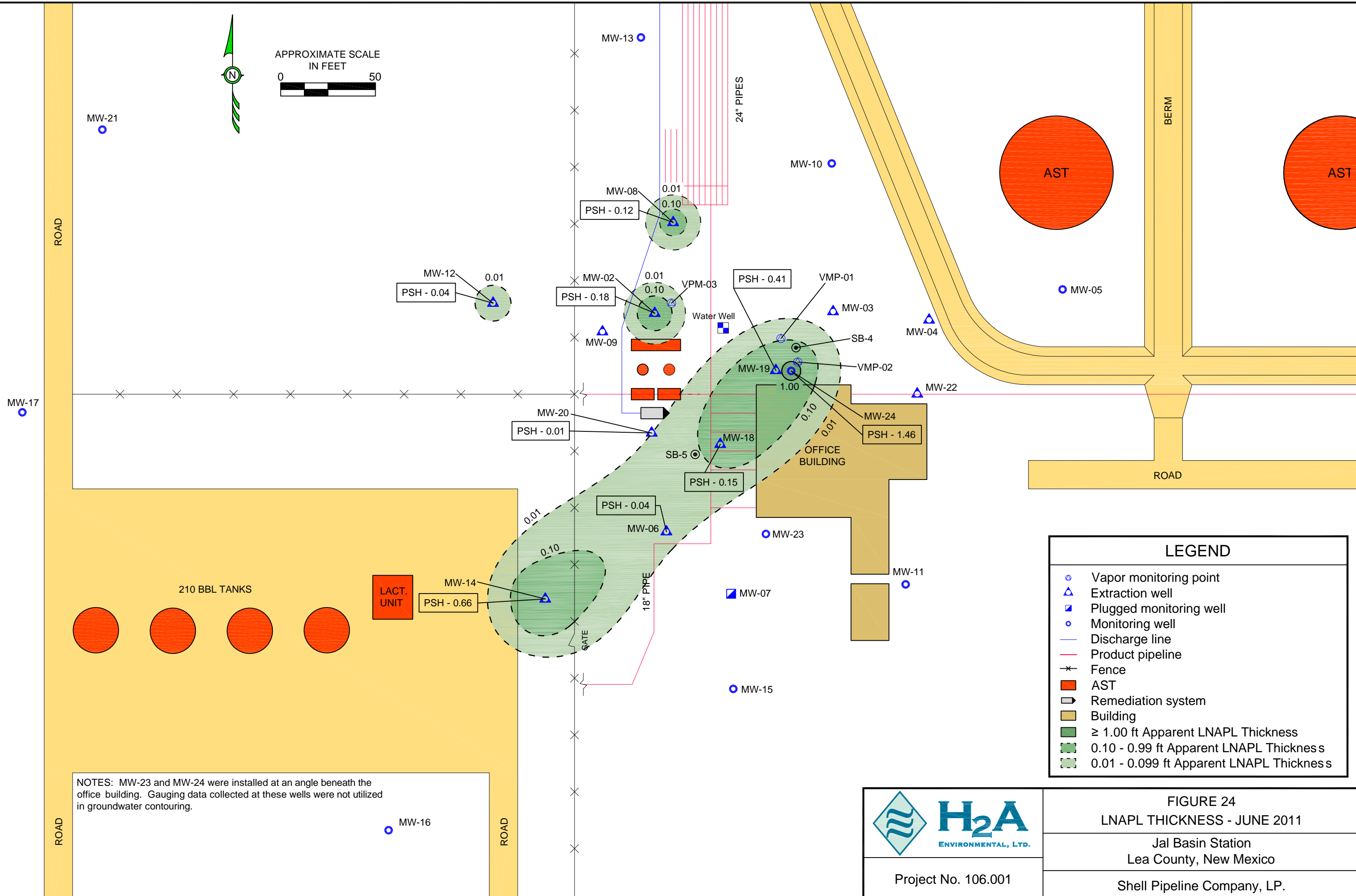
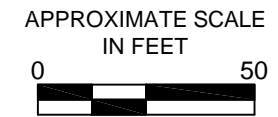
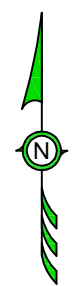
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 1.00 ft Apparent LNAPL Thickness
	0.10 - 0.99 ft Apparent LNAPL Thickness
	0.01 - 0.099 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.



Project No. 106.001

**FIGURE 23**  
**LNAPL THICKNESS - MAR. 2011**  
 Jal Basin Station  
 Lea County, New Mexico  
 Shell Pipeline Company, LP.



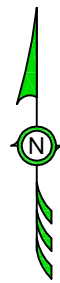
LEGEND	
	Vapor monitoring point
	Extraction well
	Plugged monitoring well
	Monitoring well
	Discharge line
	Product pipeline
	Fence
	AST
	Remediation system
	Building
	≥ 1.00 ft Apparent LNAPL Thickness
	0.10 - 0.99 ft Apparent LNAPL Thickness
	0.01 - 0.099 ft Apparent LNAPL Thickness

NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

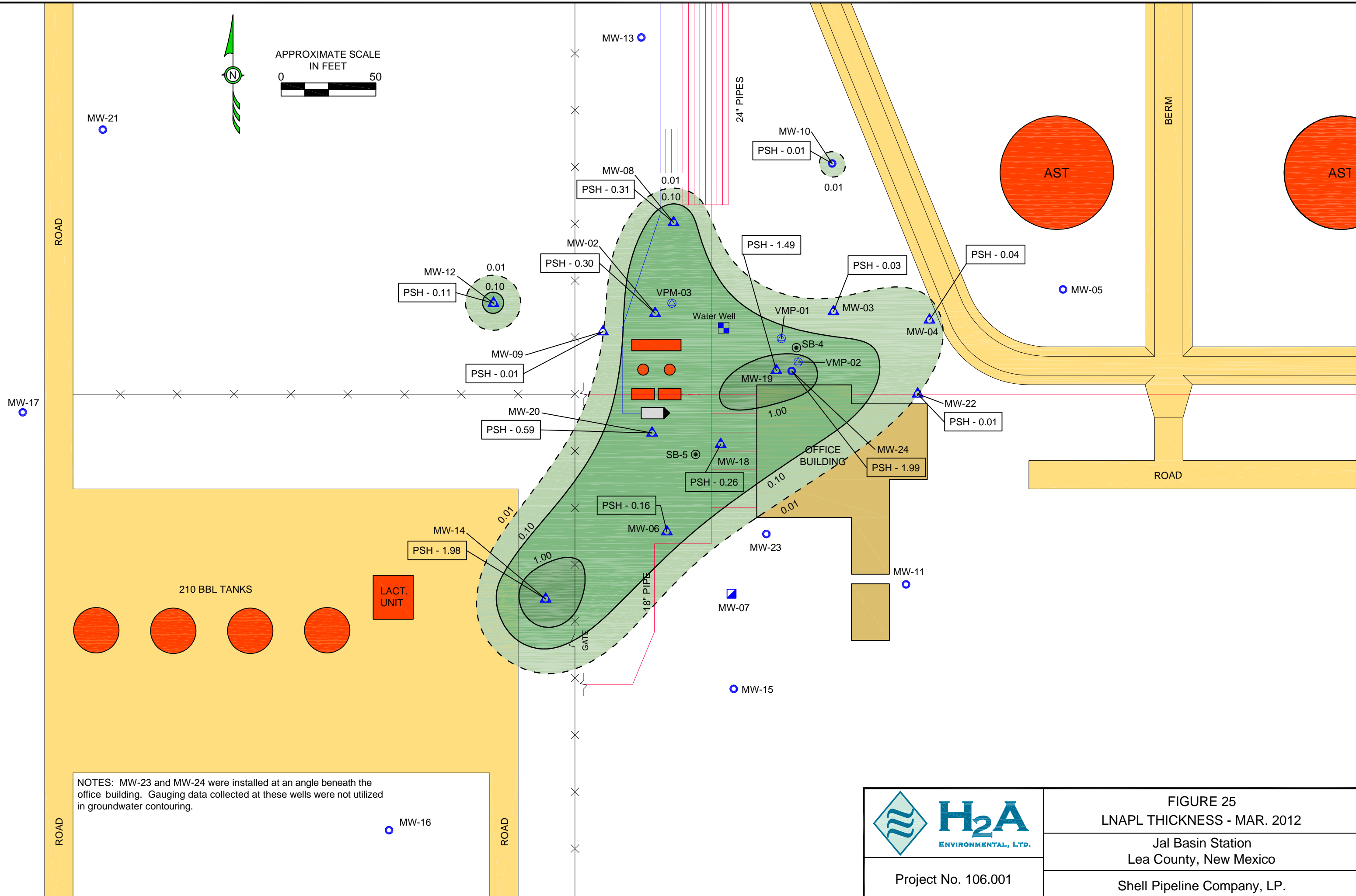


Project No. 106.001

**FIGURE 24**  
**LNAPL THICKNESS - JUNE 2011**  
 Jal Basin Station  
 Lea County, New Mexico  
 Shell Pipeline Company, LP.



APPROXIMATE SCALE  
IN FEET  
0 50



NOTES: MW-23 and MW-24 were installed at an angle beneath the office building. Gauging data collected at these wells were not utilized in groundwater contouring.

MW-16



Project No. 106.001





FIGURE 25  
LNAPL THICKNESS - MAR. 2012

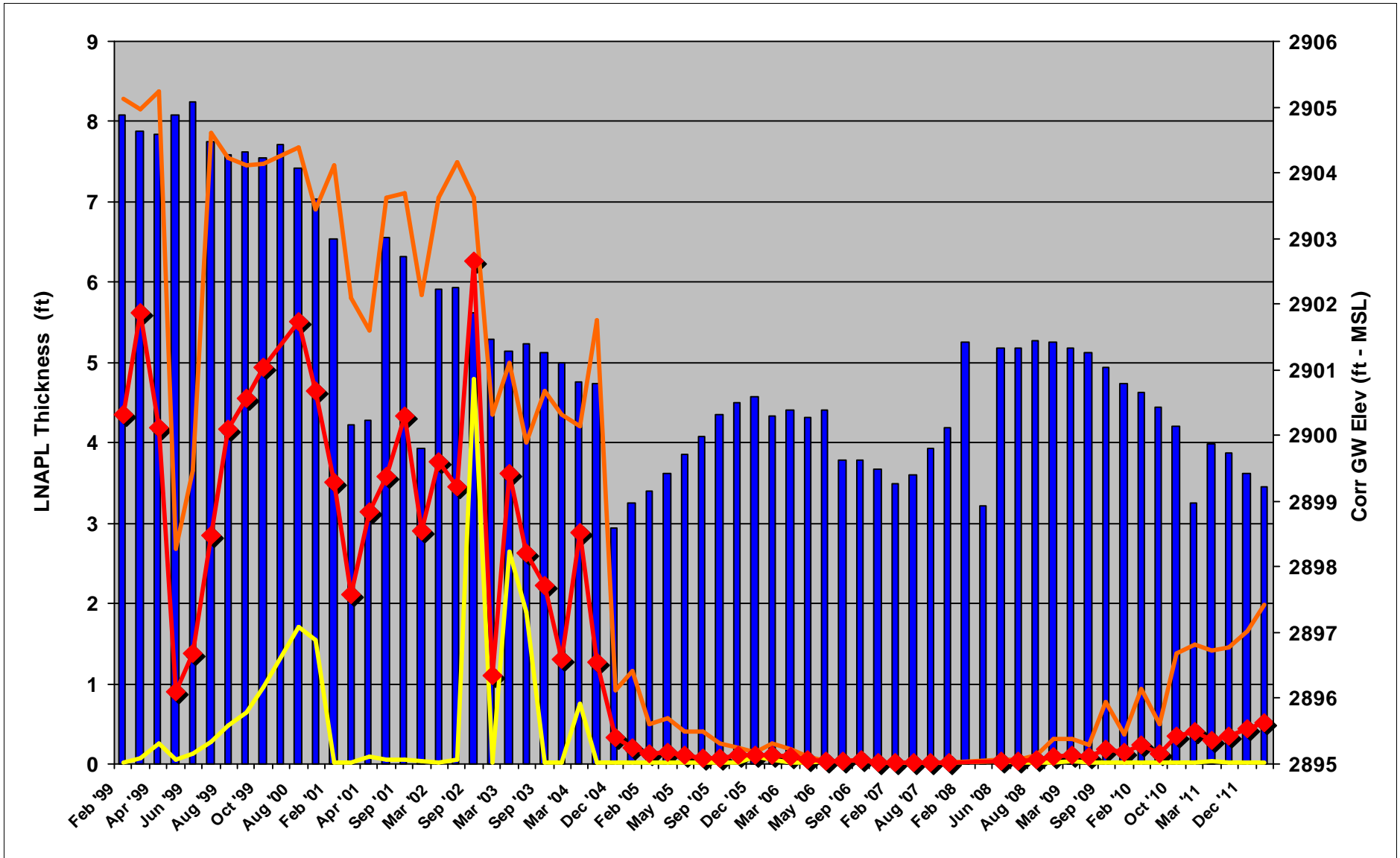
Jal Basin Station  
Lea County, New Mexico

Shell Pipeline Company, LP.

106.001  
Shell Oil Products US  
Jal Station Diesel Remediation  
Jal, NM

Figure 26  
Corrected GW Elevation (Avg)  
vs. LNAPL Thickness

Mean Corr GW Elev   
Maximum LNAPL   
Mean LNAPL   
Minimum LNAPL 

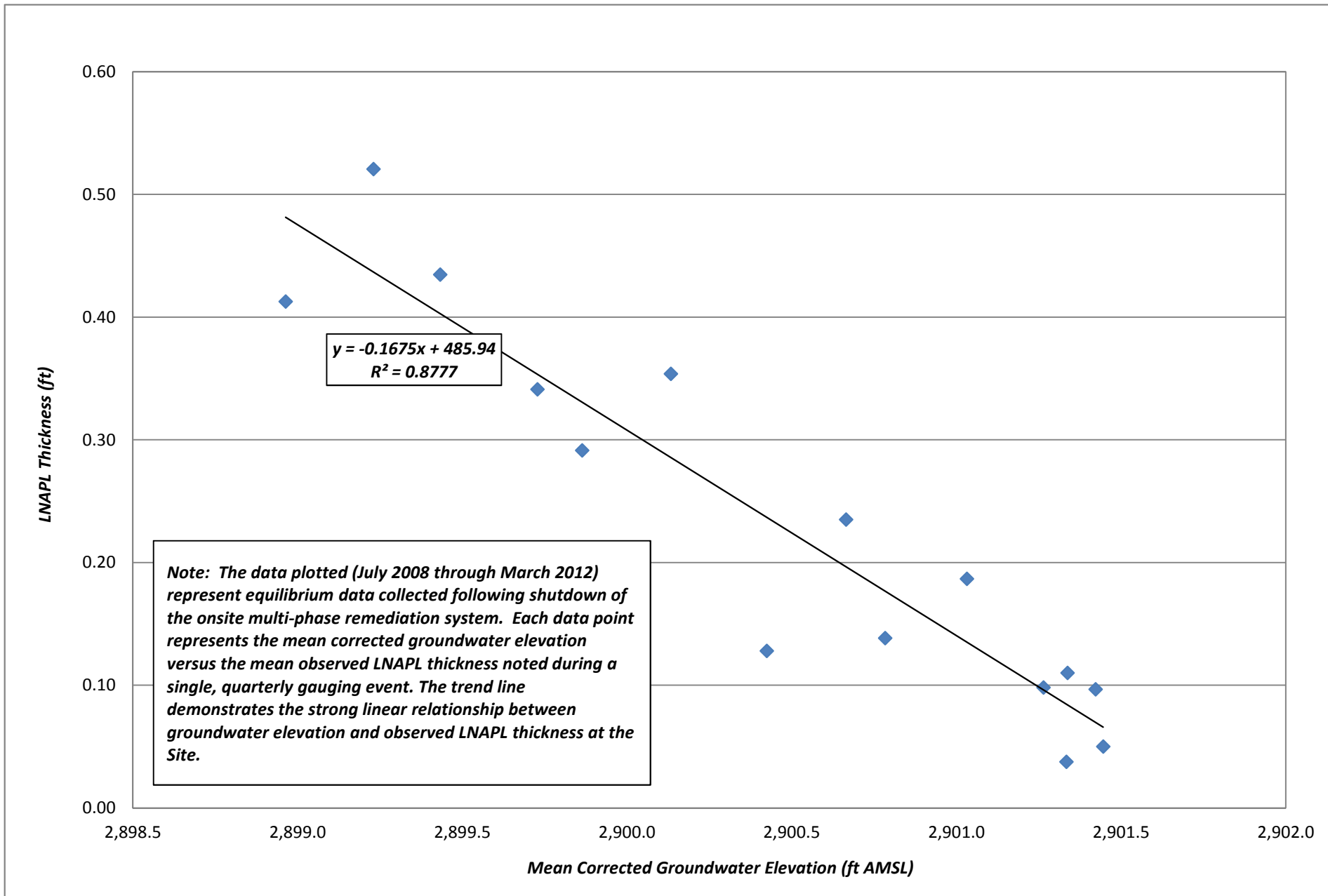


**Figure 27. Linear Correlation between Mean Corrected Groundwater Elevation and Mean LNAPL Thickness**

Technical Infeasibility Proposal

Jal Basin Station

Jal, Lea County, New Mexico



**Figure 28. MW-24 LNAPL Recharge Data**

Technical Infeasibility Proposal

Jal Basin Station

Jal, Lea County, New Mexico

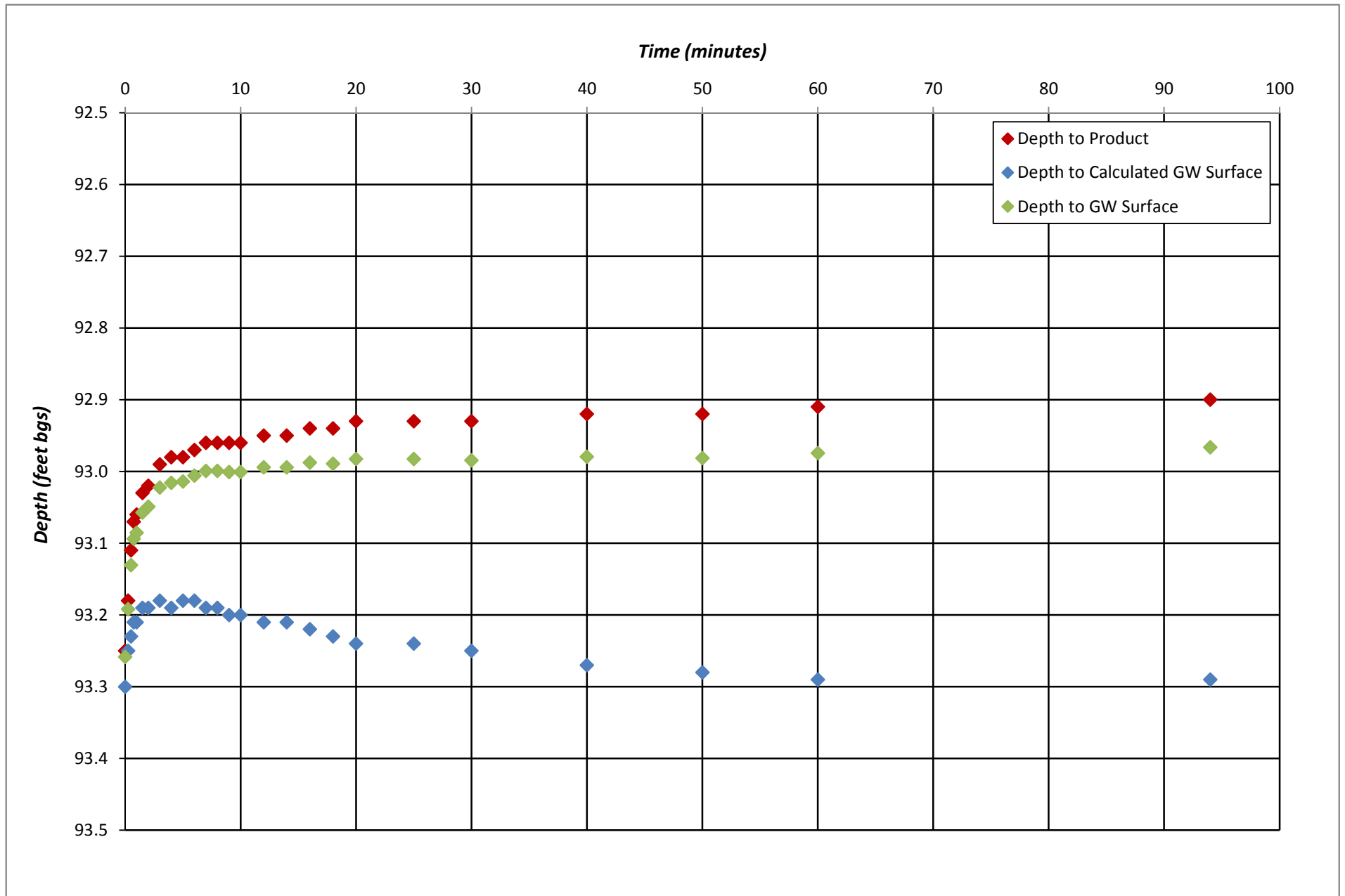




Figure 29  
Monthly Product Recovery (Gallons)

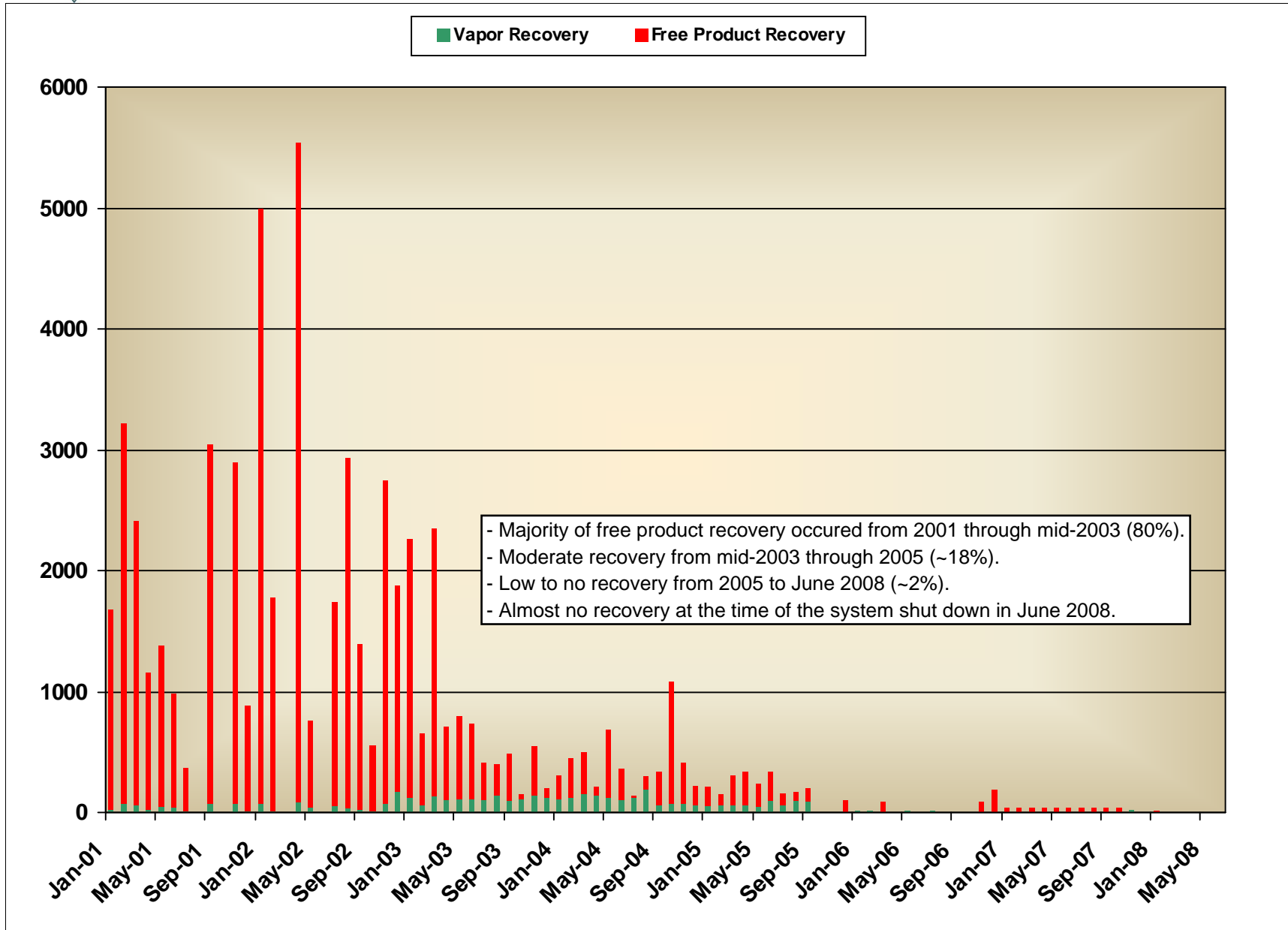
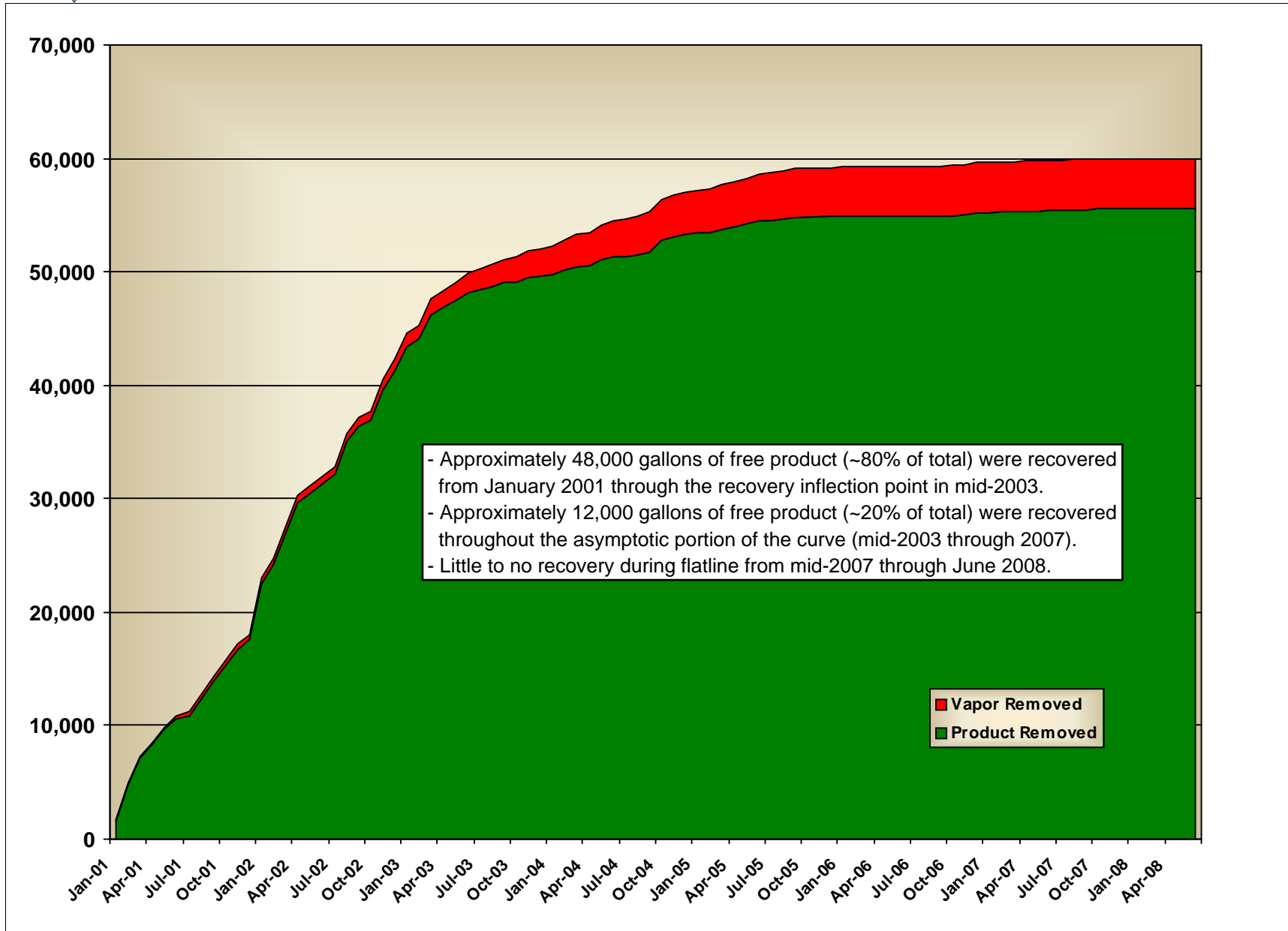






Figure 30  
Cumulative Product Recovery (Gallons)

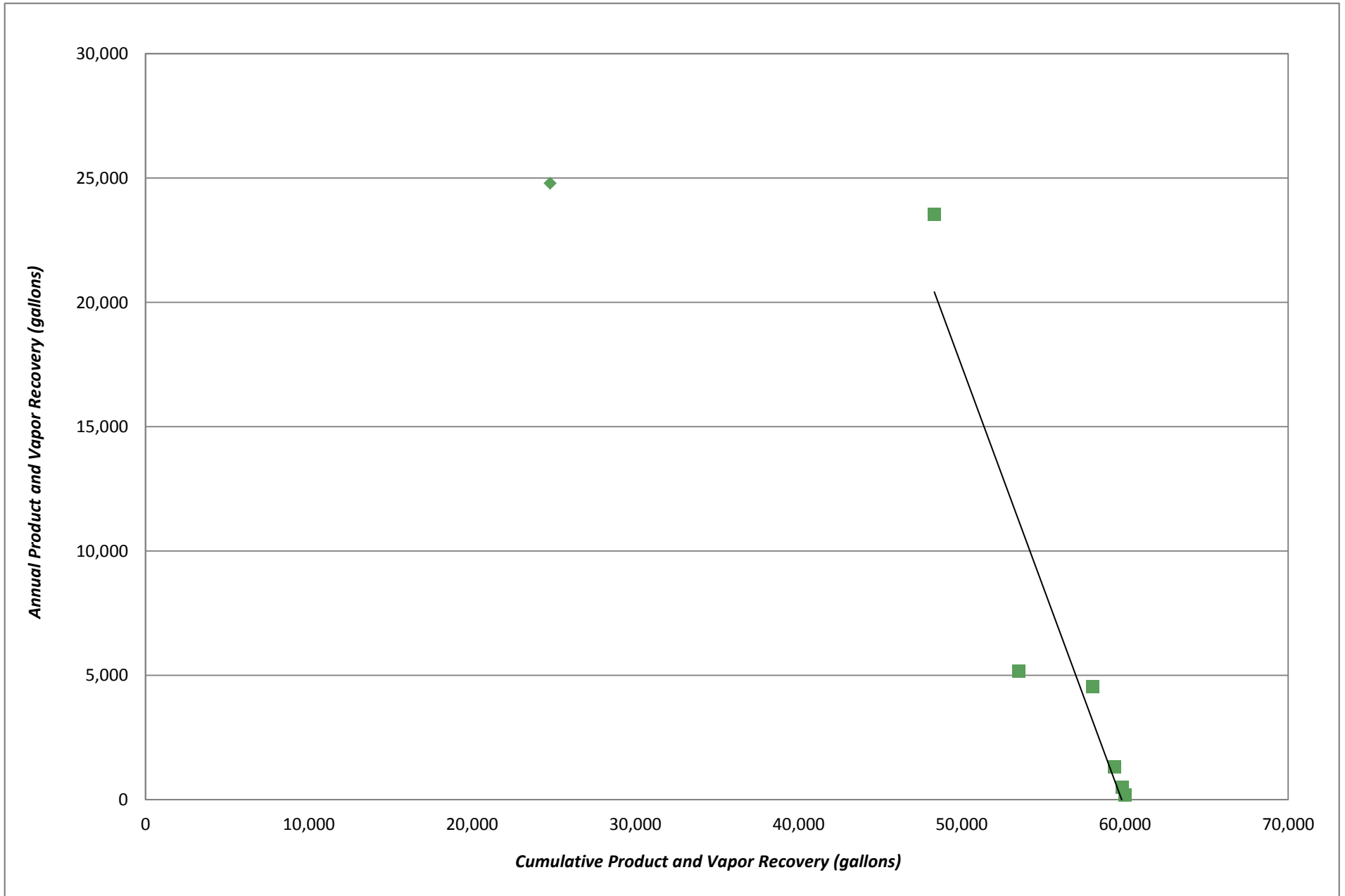


**Figure 31. Expected Ultimate Recovery Decline Curve Analysis**

*Technical Infeasibility Proposal*

*Jal Basin Station*

*Jal, Lea County, New Mexico*

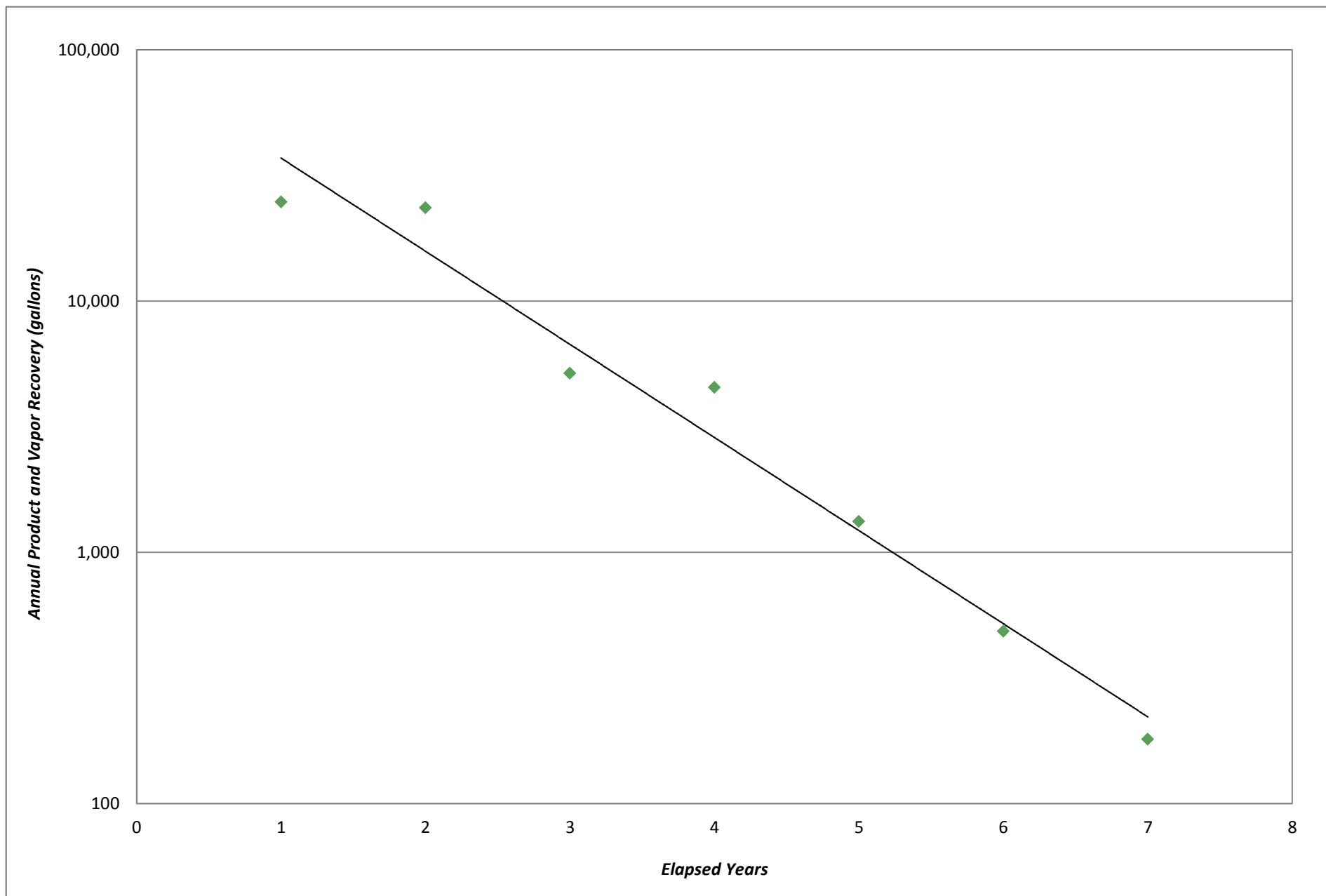


**Figure 32. Rate Transient Decline Curve Analysis**

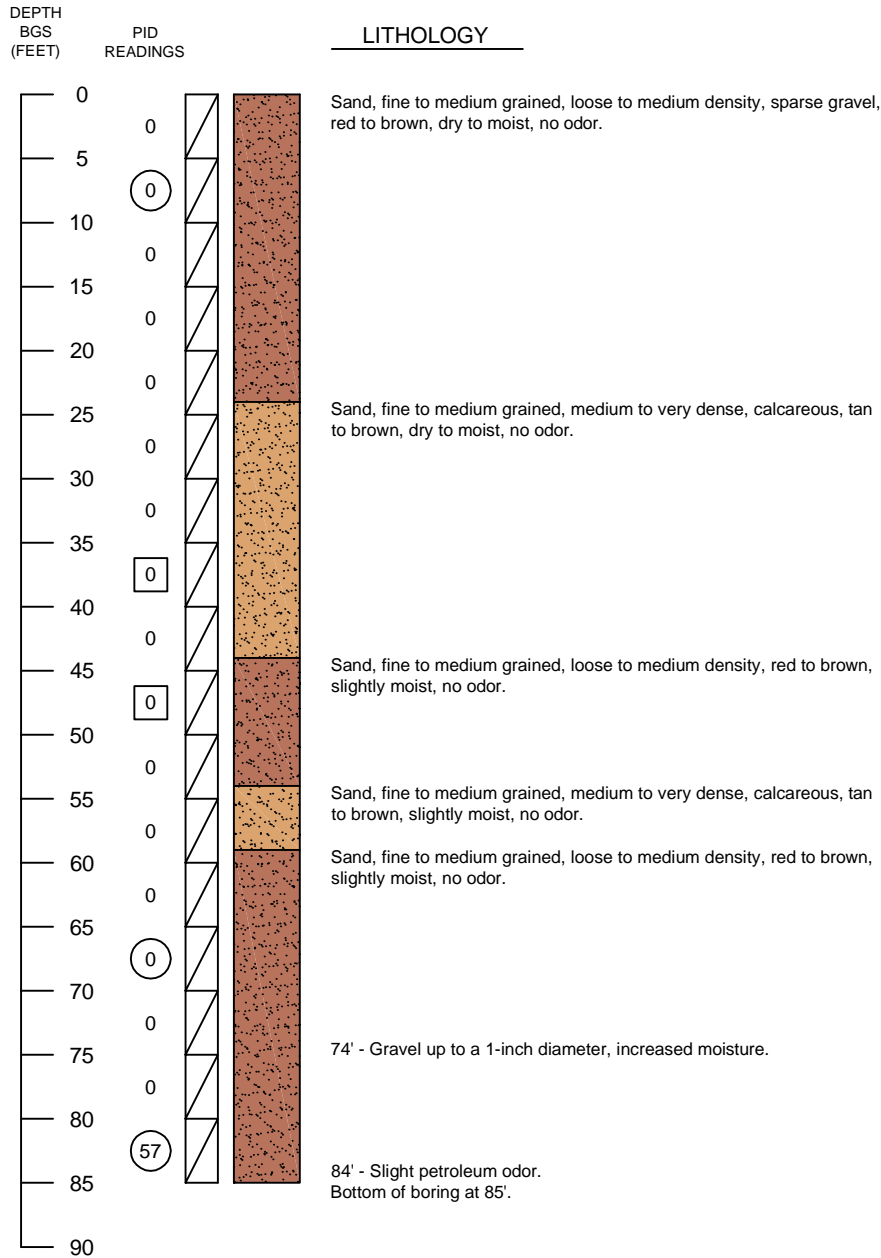
*Technical Infeasibility Proposal*

*Jal Basin Station*

*Jal, Lea County, New Mexico*



SOIL BORING LOG



LEGEND

- |  |   |
|--|---|
|  Sample Interval                                  |  Sample selected for laboratory analysis |
|  Sample submitted to laboratory, but not analyzed |   |

NOTES

- The soil boring was installed on May 17, 2011, using air rotary technology.
- Lithology boundaries are approximate and transitions may be gradual.
- All measurements are from ground surface.

SEAL:

SB-4  
SOIL BORING  
JAL BASIN STATION  
JAL, LEA COUNTY, NEW MEXICO



TX REGISTERED ENGINEERING FIRM  
F-005969

DATE: 05/26/2011

PRJ NO.: 106.001.01

DRAWN BY: ANC

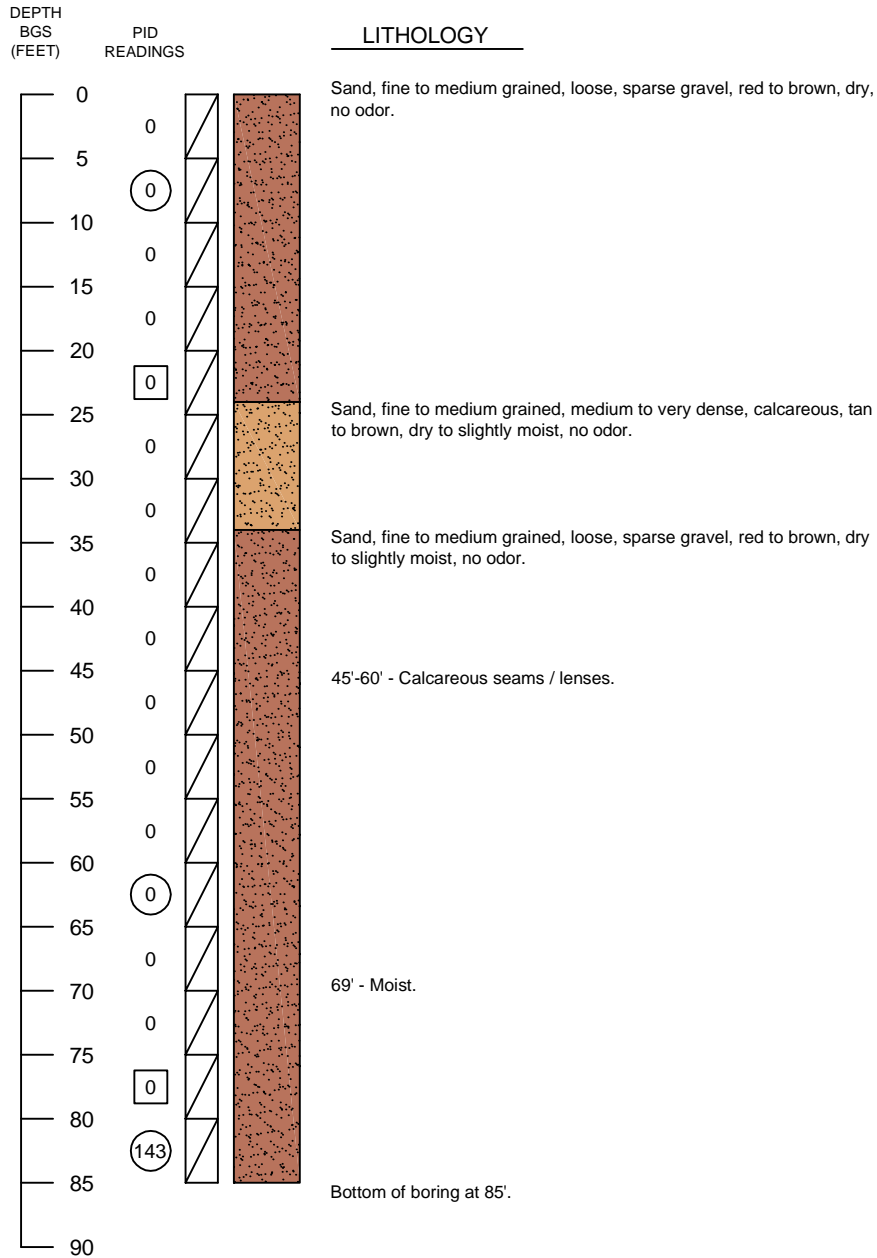
CHECKED BY: RRS

SCALE: 1:6

FIGURE

33

SOIL BORING LOG



LEGEND

- |  |   |
|--|---|
|  Sample Interval                                  |  Sample selected for laboratory analysis |
|  Sample submitted to laboratory, but not analyzed |   |

NOTES

1. The soil boring was installed on May 18, 2011, using air rotary technology.
2. Lithology boundaries are approximate and transitions may be gradual.
3. All measurements are from ground surface.

SEAL:

SB-5  
SOIL BORING  
JAL BASIN STATION  
JAL, LEA COUNTY, NEW MEXICO



TX REGISTERED ENGINEERING FIRM  
F-005969

DATE: 05/26/2011

PRJ NO.: 106.001.01

DRAWN BY: ANC

CHECKED BY: RRS

SCALE: 1:6

FIGURE

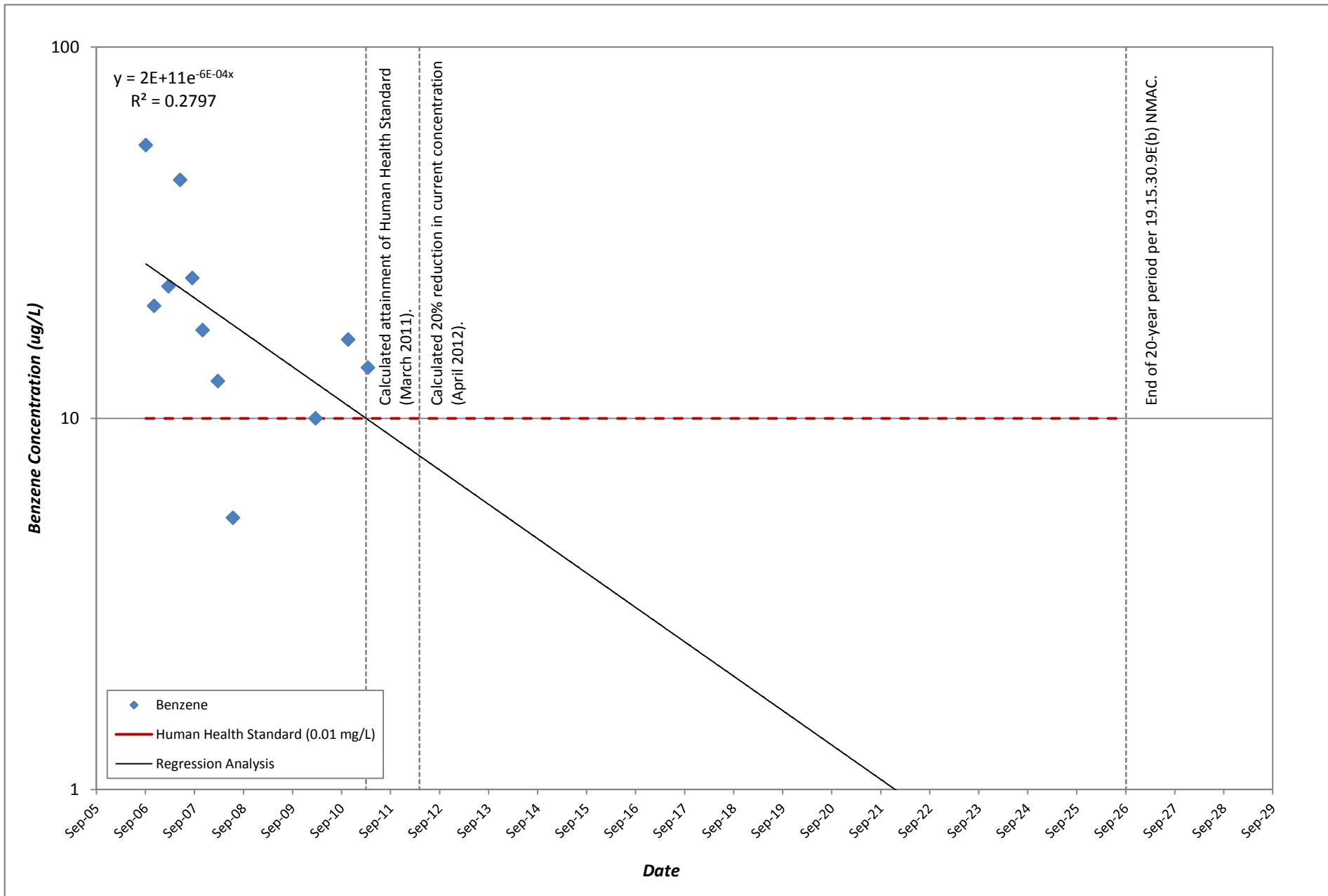
34

**Figure 35. Dissolved-Phase Benzene at MW-06**

Jal Technical Impracticability Evaluation

Jal Basin Station

Jal, Lea County, New Mexico

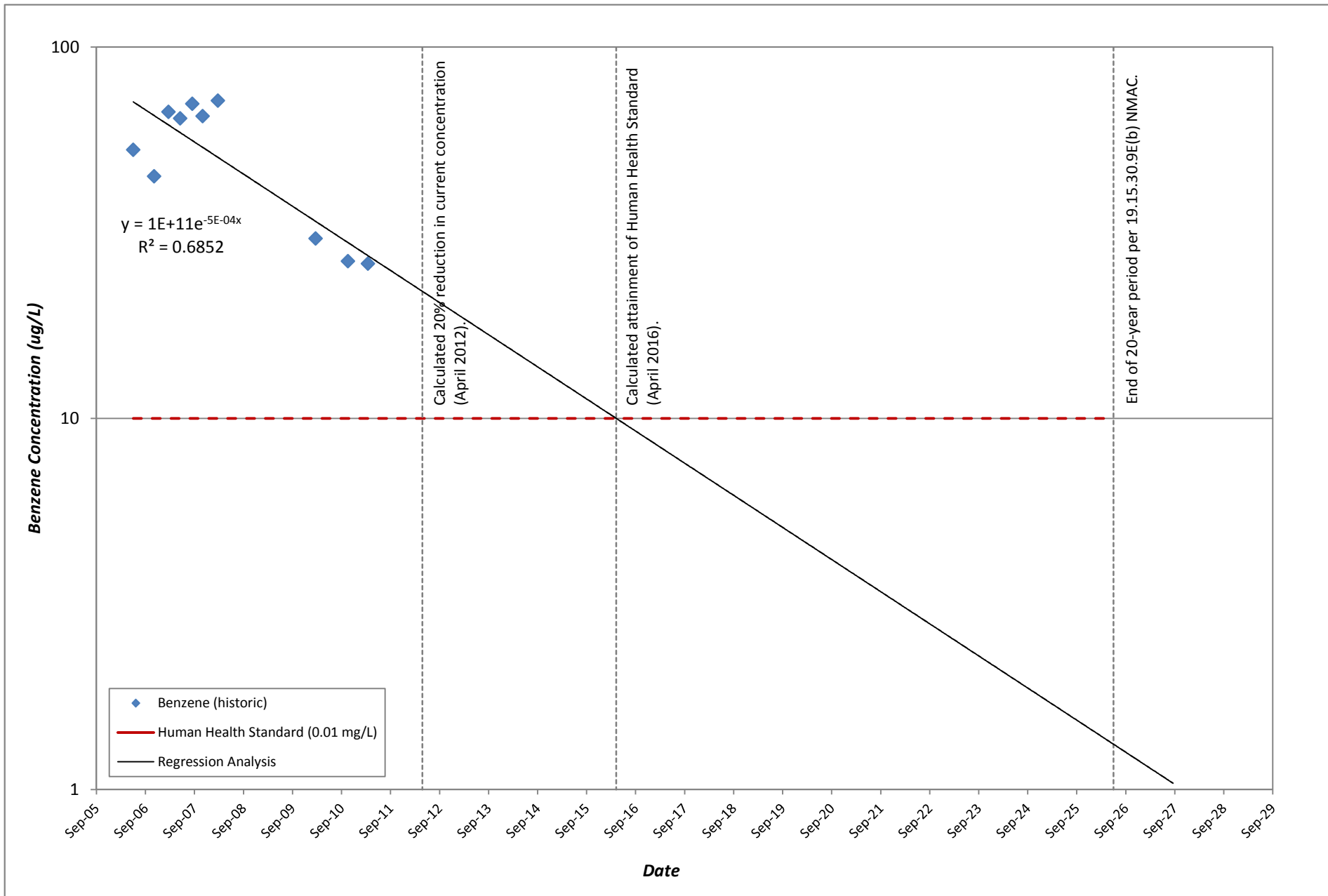


**Figure 36. Dissolved-Phase Benzene at MW-18**

Jal Technical Impracticability Evaluation

Jal Basin Station

Jal, Lea County, New Mexico

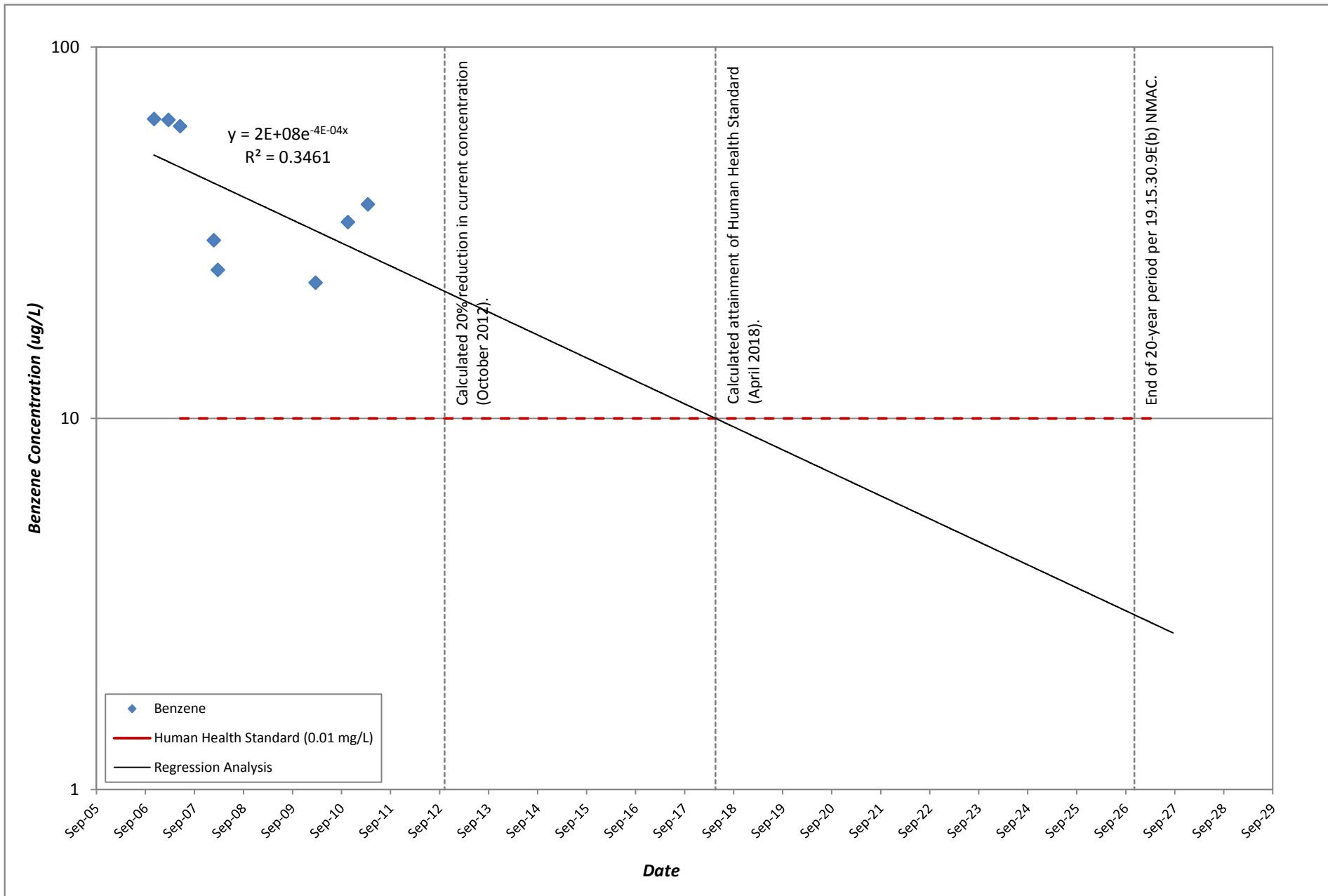


**Figure 37. Dissolved-Phase Benzene at MW-20**

Jal Technical Impracticability Evaluation

Jal Basin Station

Jal, Lea County, New Mexico



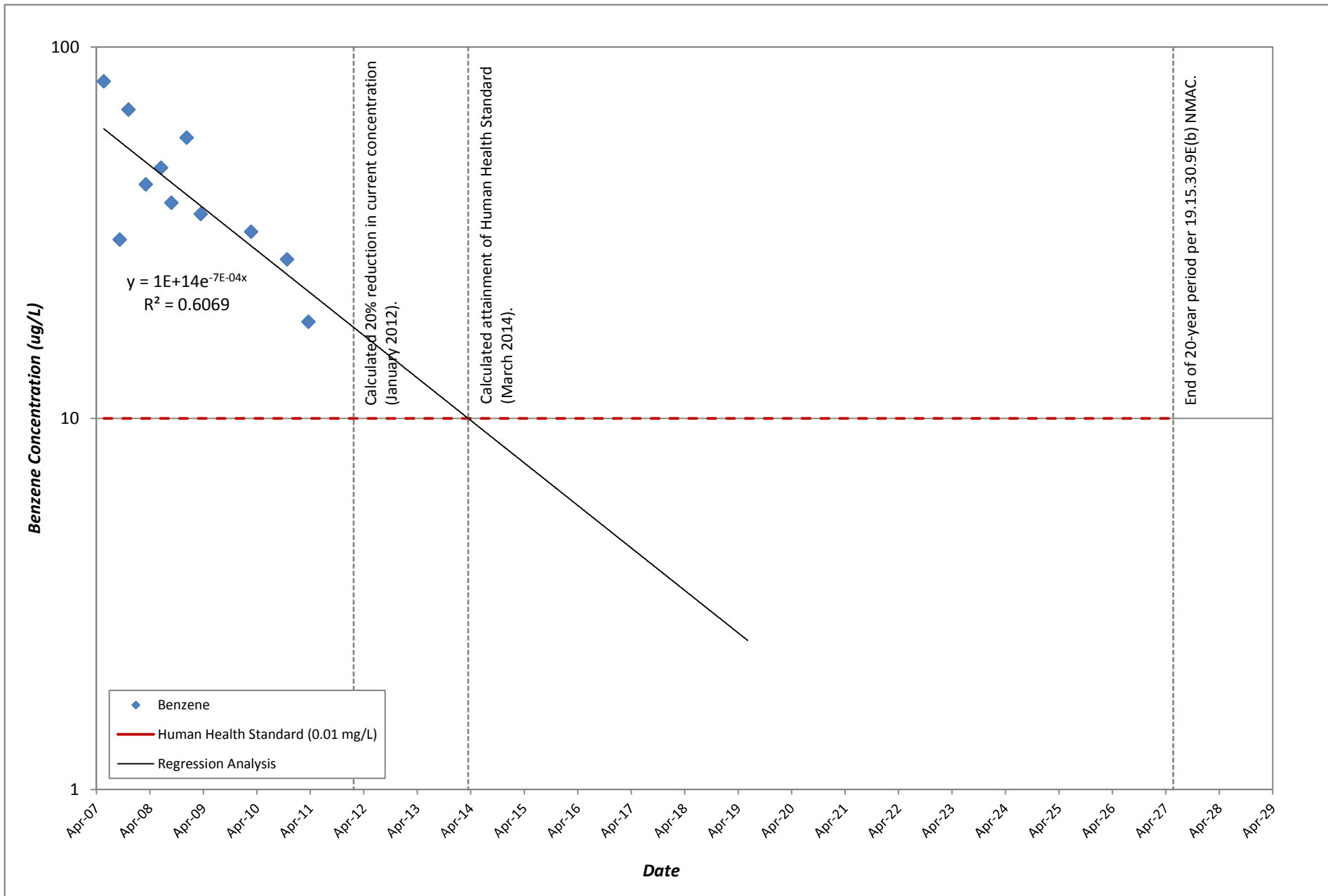


**Figure 38. Dissolved-Phase Benzene at MW-24**

Jal Technical Impracticability Evaluation

Jal Basin Station

Jal, Lea County, New Mexico



# ***TABLES***

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2992.30	2994.62	TOC	85.00	94.50	90.27				2904.35
2/22/1999	2992.30	2994.62	TOC	85.00	94.50	90.19				2904.43
3/11/1999	2992.30	2994.62	TOC	85.00	94.50	90.31				2904.31
4/7/1999	2992.30	2994.62	TOC	85.00	94.50	90.63				2903.99
5/3/1999	2992.30	2994.62	TOC	85.00	94.50	90.22				2904.40
6/8/1999	2992.30	2994.62	TOC	85.00	94.50	90.40				2904.22
6/22/1999	2992.30	2994.62	TOC	85.00	94.50	90.43				2904.19
7/6/1999	2992.30	2994.62	TOC	85.00	94.50	90.41				2904.21
8/14/1999	2992.30	2994.62	TOC	85.00	94.50	90.48				2904.14
9/16/1999	2992.30	2994.62	TOC	85.00	94.50	90.44				2904.18
10/19/1999	2992.30	2994.62	TOC	85.00	94.50	90.43				2904.19
2/7/2000	2992.30	2994.62	TOC	85.00	94.50	90.48				2904.14
8/2/2000	2992.30	2994.62	TOC	85.00	94.50	90.58				2904.04
11/24/2000	2992.30	2994.62	TOC	85.00	94.50	90.68				2903.94
2/14/2001	2992.30	2994.62	TOC	85.00	94.50	90.88				2903.74
3/16/2001	2992.30	2994.62	TOC	85.00	94.50	93.35				2901.27
4/19/2001	2992.30	2994.62	TOC	85.00	94.50	93.30				2901.32
5/23/2001	2992.30	2994.62	TOC	85.00	94.50	91.13				2903.49
9/29/2001	2992.30	2994.62	TOC	85.00	94.50	90.83				2903.79
12/20/2001	2992.30	2994.62	TOC	85.00	94.50	93.95				2900.67
3/27/2002	2992.30	2994.62	TOC	85.00	94.50	91.88				2902.74
6/26/2002	2992.30	2994.62	TOC	85.00	94.50	92.08				2902.54
9/25/2002	2992.30	2994.62	TOC	85.00	94.50	92.28				2902.34
12/28/2002	2992.30	2994.62	TOC	85.00	94.50	92.53				2902.09
3/22/2003	2992.30	2994.62	TOC	85.00	94.50	92.83				2901.79
6/18/2003	2992.30	2994.62	TOC	85.00	94.50	92.88				2901.74
9/22/2003	2992.30	2994.62	TOC	85.00	94.50	93.13				2901.49
12/22/2003	2992.30	2994.62	TOC	85.00	94.50	93.33				2901.29
3/17/2004	2992.30	2994.62	TOC	85.00	94.50	93.28				2901.34
6/26/2004	2992.30	2994.62	TOC	85.00	94.50	93.43				2901.19
12/19/2004	2992.30	2994.62	TOC	85.00	94.50	94.85				2899.77
1/19/2005	2992.30	2994.62	TOC	85.00	94.50	94.40				2900.22
1/25/2005	2992.30	2994.62	TOC	85.00	94.50	94.25				2900.37
1/26/2005	2992.30	2994.62	TOC	85.00	94.50	94.25				2900.37
2/7/2005	2992.30	2994.62	TOC	85.00	94.50	94.10				2900.52
2/16/2005	2992.30	2994.62	TOC	85.00	94.50	94.20				2900.42
3/16/2005	2992.30	2994.62	TOC	85.00	94.50	93.85				2900.77
5/11/2005	2992.30	2994.62	TOC	85.00	94.50	93.45				2901.17
6/26/2005	2992.30	2994.62	TOC	85.00	94.50	93.30				2901.32
9/8/2005	2992.30	2994.62	TOC	85.00	94.50	93.10				2901.52
9/19/2005	2992.30	2994.62	TOC	85.00	94.50	93.05				2901.57

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/17/2005	2992.30	2994.62	TOC	85.00	94.50	93.02				2901.60
12/2/2005	2992.30	2994.62	TOC	85.00	94.50	92.95				2901.67
1/10/2006	2992.30	2994.62	TOC	85.00	94.50	92.95				2901.67
3/3/2006	2992.30	2994.62	TOC	85.00	94.50	92.90				2901.72
4/12/2006	2992.30	2994.62	TOC	85.00	94.50	92.95				2901.67
5/30/2006	2992.30	2994.62	TOC	85.00	94.50	92.90				2901.72
6/3/2006	2992.30	2994.62	TOC	85.00	94.50	92.90				2901.72
9/8/2006	2992.30	2994.62	TOC	85.00	94.50	93.10				2901.52
11/7/2006	2992.30	2994.62	TOC	85.00	94.50	93.20				2901.42
2/23/2007	2992.30	2994.62	TOC	85.00	94.50	93.30				2901.32
5/21/2007	2992.30	2994.62	TOC	85.00	94.50	93.35				2901.27
8/21/2007	2992.30	2994.62	TOC	85.00	94.50	93.00				2901.62
11/3/2007	2992.30	2994.62	2992.3	85.00	94.50	92.45				2902.17
2/27/2008	2992.30	2994.62	TOC	85.00	94.50	91.62				2903.00
6/13/2008	2992.30	2994.62	TOC	85.00	94.50	91.37				2903.25
7/4/2008	2992.30	2994.62	TOC	85.00	94.50	91.46				2903.16
7/24/2008	2992.30	2994.62	TOC	85.00	94.50	91.50				2903.12
8/25/2008	2992.30	2994.62	TOC	85.00	94.50	91.55				2903.07
12/6/2008	2992.30	2994.62	TOC	85.00	94.50	91.85				2902.77
3/11/2009	2992.30	2994.62	TOC	85.00	94.50	91.82				2902.80
6/29/2009	2992.30	2994.62	TOC	85.00	94.50	91.87				2902.75
9/17/2009	2992.30	2994.62	TOC	85.00	94.50	91.12				2903.50
12/20/2009	2992.30	2994.62	TOC	85.00	94.50	92.35				2902.27
2/20/2010	2992.30	2994.62	TOC	85.00	94.50	92.52				2902.10
6/28/2010	2992.30	2994.62	TOC	85.00	94.50	92.80				2901.82
10/23/2010	2992.30	2994.62	TOC	85.00	94.50	93.07				2901.55
3/18/2011	2992.30	2994.62	TOC	85.00	94.50	93.39				2901.23
6/18/2011	2992.30	2994.62	TOC	85.00	94.50	93.41				2901.21
12/31/2011	2992.30	2994.62	TOC	85.00	94.50	93.73				2900.89
3/31/2012	2992.30	2994.62	TOC	85.00	94.50	93.96				2900.66

**MW-02**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2987.02	2989.43	TOC	82.00	101.50	92.17	83.89	8.28	0.830	2904.13
2/22/1999	2987.02	2989.43	TOC	82.00	101.50	92.15	84.02	8.13	0.830	2904.03
3/11/1999	2987.02	2989.43	TOC	82.00	101.50	92.14	83.98	8.16	0.830	2904.06
3/24/1999	2987.02	2989.43	TOC	82.00	101.50	92.13	84.26	7.87	0.830	2903.83
3/31/1999	2987.02	2989.43	TOC	82.00	101.50	91.86	83.83	8.03	0.830	2904.23
4/2/1999	2987.02	2989.43	TOC	82.00	101.50	92.11	84.02	8.09	0.830	2904.03
4/7/1999	2987.02	2989.43	TOC	82.00	101.50	92.18	83.81	8.37	0.830	2904.20

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
7/15/1999	2987.02	2989.43	TOC	82.00	101.50	91.99	84.28	7.71	0.830	2903.84
10/26/1999	2987.02	2989.43	TOC	82.00	101.50	91.99	84.52	7.47	0.830	2903.64
8/2/2000	2987.02	2989.43	TOC	82.00	101.50	92.48	84.84	7.64	0.830	2903.29
11/24/2000	2987.02	2989.43	TOC	82.00	101.50	92.44	85.54	6.90	0.830	2902.72
2/14/2001	2987.02	2989.43	TOC	82.00	101.50	93.44	85.99	7.45	0.830	2902.17
5/23/2001	2987.02	2989.43	TOC	82.00	101.50	92.49	85.49	7.00	0.830	2902.75
9/29/2001	2987.02	2989.43	TOC	82.00	101.50	87.09	87.04	0.05	0.830	2902.38
12/20/2001	2987.02	2989.43	TOC	82.00	101.50	89.30	89.25	0.05	0.830	2900.17
3/27/2002	2987.02	2989.43	TOC	82.00	101.50	87.29	87.19	0.10	0.830	2902.22
6/26/2002	2987.02	2989.43	TOC	82.00	101.50	89.29	86.99	2.30	0.830	2902.05
12/28/2002	2987.02	2989.43	TOC	82.00	101.50	87.51	87.49	0.02	0.830	2901.94
9/22/2003	2987.02	2989.43	TOC	82.00	101.50	87.89	87.84	0.05	0.830	2901.58
12/22/2003	2987.02	2989.43	TOC	82.00	101.50	88.34	88.29	0.05	0.830	2901.13
3/17/2004	2987.02	2989.43	TOC	82.00	101.50	91.64	88.59	3.05	0.830	2900.32
6/26/2004	2987.02	2989.43	TOC	82.00	101.50	90.84	88.64	2.20	0.830	2900.42
9/8/2005	2987.02	2989.43	TOC	82.00	101.50	89.06	89.05	0.01	0.830	2900.38
9/27/2005	2987.02	2989.43	TOC	82.00	101.50	88.95	88.85	0.10	0.830	2900.56
10/2/2005	2987.02	2989.43	TOC	82.00	101.50	88.85	88.75	0.10	0.830	2900.66
10/14/2005	2987.02	2989.43	TOC	82.00	101.50	89.00	88.85	0.15	0.830	2900.55
10/17/2005	2987.02	2989.43	TOC	82.00	101.50	89.00	88.95	0.05	0.830	2900.47
10/24/2005	2987.02	2989.43	TOC	82.00	101.50	88.97	88.80	0.17	0.830	2900.60
12/2/2005	2987.02	2989.43	TOC	82.00	101.50	88.80	88.70	0.10	0.830	2900.71
6/7/2008	2987.02	2989.43	TOC	82.00	101.50	87.61	87.61		0.830	2901.82
7/4/2008	2987.02	2989.43	TOC	82.00	101.50	87.57	87.57		0.830	2901.86
7/24/2008	2987.02	2989.43	TOC	82.00	101.50	87.77	87.77		0.830	2901.66
8/26/2008	2987.02	2989.43	TOC	82.00	101.50	87.32	87.31	0.01	0.830	2902.12
12/8/2008	2987.02	2989.43	TOC	82.00	101.50	87.30	87.28	0.02	0.830	2902.15
3/14/2009	2987.02	2989.43	TOC	82.00	101.50	87.40	87.37	0.03	0.830	2902.05
6/29/2009	2987.02	2989.43	TOC	82.00	101.50	87.55	87.53	0.02	0.830	2901.90
9/17/2009	2987.02	2989.43	TOC	82.00	101.50	87.94	87.92	0.02	0.830	2901.51
12/20/2009	2987.02	2989.43	TOC	82.00	101.50	88.05	88.03	0.02	0.830	2901.40
2/22/2010	2987.02	2989.43	TOC	82.00	101.50	88.17	88.16	0.01	0.830	2901.27
6/28/2010	2987.02	2989.43	TOC	82.00	101.50	88.43	88.43		0.830	2901.00
10/23/2010	2987.02	2989.43	TOC	82.00	101.50	88.72	88.72		0.830	2900.71
3/18/2011	2987.02	2989.43	TOC	82.00	101.50	89.25	89.00	0.25	0.830	2900.39
6/18/2011	2987.02	2989.43	TOC	82.00	101.50	89.28	89.10	0.18	0.830	2900.30
12/31/2011	2987.02	2989.43	TOC	82.00	101.50	89.59	89.40	0.19	0.830	2900.00
3/31/2012	2987.02	2989.43	TOC	82.00	101.50	89.87	89.57	0.30	0.830	2899.81

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2987.91	2990.81	TOC	85.00	100.00	92.55	84.52	8.03	0.830	2904.93
2/22/1999	2987.91	2990.81	TOC	85.00	100.00	92.53	84.53	8.00	0.830	2904.92
3/11/1999	2987.91	2990.81	TOC	85.00	100.00	92.49	84.64	7.85	0.830	2904.84
3/24/1999	2987.91	2990.81	TOC	85.00	100.00	92.45	84.58	7.87	0.830	2904.89
3/31/1999	2987.91	2990.81	TOC	85.00	100.00	92.42	84.71	7.71	0.830	2904.79
4/2/1999	2987.91	2990.81	TOC	85.00	100.00	92.45	84.74	7.71	0.830	2904.76
7/15/1999	2987.91	2990.81	TOC	85.00	100.00	95.20	87.34	7.86	0.830	2902.13
8/7/1999	2987.91	2990.81	TOC	85.00	100.00	92.44	84.89	7.55	0.830	2904.64
8/14/1999	2987.91	2990.81	TOC	85.00	100.00	92.50	85.02	7.48	0.830	2904.52
8/22/1999	2987.91	2990.81	TOC	85.00	100.00	95.25	88.60	6.65	0.830	2901.08
9/1/1999	2987.91	2990.81	TOC	85.00	100.00	92.50	85.05	7.45	0.830	2904.49
9/11/1999	2987.91	2990.81	TOC	85.00	100.00	95.31	87.86	7.45	0.830	2901.68
9/16/1999	2987.91	2990.81	TOC	85.00	100.00	92.35	84.92	7.43	0.830	2904.63
9/25/1999	2987.91	2990.81	TOC	85.00	100.00	92.45	85.20	7.25	0.830	2904.38
10/2/1999	2987.91	2990.81	TOC	85.00	100.00	92.35	85.95	6.40	0.830	2903.77
10/9/1999	2987.91	2990.81	TOC	85.00	100.00	94.93	87.63	7.30	0.830	2901.94
10/15/1999	2987.91	2990.81	TOC	85.00	100.00	95.10	87.75	7.35	0.830	2901.81
10/21/1999	2987.91	2990.81	TOC	85.00	100.00	92.35	85.05	7.30	0.830	2904.52
10/26/1999	2987.91	2990.81	TOC	85.00	100.00	92.35	85.10	7.25	0.830	2904.48
8/2/2000	2987.91	2990.81	TOC	85.00	100.00	92.50	84.83	7.67	0.830	2904.68
11/24/2000	2987.91	2990.81	TOC	85.00	100.00	92.31	87.10	5.21	0.830	2902.82
2/14/2001	2987.91	2990.81	TOC	85.00	100.00	88.82	88.80	0.02	0.830	2902.01
3/16/2001	2987.91	2990.81	TOC	85.00	100.00	96.90	91.10	5.80	0.830	2898.72
4/19/2001	2987.91	2990.81	TOC	85.00	100.00	96.40	91.00	5.40	0.830	2898.89
5/23/2001	2987.91	2990.81	TOC	85.00	100.00	93.70	88.10	5.60	0.830	2901.76
9/29/2001	2987.91	2990.81	TOC	85.00	100.00	94.20	88.45	5.75	0.830	2901.38
12/20/2001	2987.91	2990.81	TOC	85.00	100.00	97.20	91.35	5.85	0.830	2898.47
3/27/2002	2987.91	2990.81	TOC	85.00	100.00	93.75	89.10	4.65	0.830	2900.92
6/26/2002	2987.91	2990.81	TOC	85.00	100.00	88.55	88.50	0.05	0.830	2902.30
12/28/2002	2987.91	2990.81	TOC	85.00	100.00	89.32	89.30	0.02	0.830	2901.51
9/22/2003	2987.91	2990.81	TOC	85.00	100.00	90.30	90.25	0.05	0.830	2900.55
12/22/2003	2987.91	2990.81	TOC	85.00	100.00	89.20	89.15	0.05	0.830	2901.65
6/26/2004	2987.91	2990.81	TOC	85.00	100.00	90.50	90.48	0.02	0.830	2900.33
6/9/2005	2987.91	2990.81	TOC	85.00	100.00	89.20	89.20		0.830	2901.61
9/8/2005	2987.91	2990.81	TOC	85.00	100.00	90.20	89.95	0.25	0.830	2900.82
9/27/2005	2987.91	2990.81	TOC	85.00	100.00	90.00	89.80	0.20	0.830	2900.98
10/2/2005	2987.91	2990.81	TOC	85.00	100.00	89.95	89.80	0.15	0.830	2900.98
10/14/2005	2987.91	2990.81	TOC	85.00	100.00	89.98	89.82	0.16	0.830	2900.96
10/17/2005	2987.91	2990.81	TOC	85.00	100.00	89.93	89.80	0.13	0.830	2900.99
10/24/2005	2987.91	2990.81	TOC	85.00	100.00	89.95	89.82	0.13	0.830	2900.97
12/2/2005	2987.91	2990.81	TOC	85.00	100.00	89.90	89.75	0.15	0.830	2901.03

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
1/10/2006	2987.91	2990.81	TOC	85.00	100.00	90.10	90.05	0.05	0.830	2900.75
3/3/2006	2987.91	2990.81	TOC	85.00	100.00	89.74				2901.07
9/8/2006	2987.91	2990.81	TOC	85.00	100.00	90.10				2900.71
2/26/2008	2987.91	2990.81	TOC	85.00	100.00	88.90				2901.91
6/16/2008	2987.91	2990.81	TOC	85.00	100.00	88.35				2902.46
7/4/2008	2987.91	2990.81	TOC	85.00	100.00	88.45				2902.36
7/24/2008	2987.91	2990.81	TOC	85.00	100.00	88.41	88.41		0.830	2902.40
8/26/2008	2987.91	2990.81	TOC	85.00	100.00	88.40	88.40		0.830	2902.41
12/8/2008	2987.91	2990.81	TOC	85.00	100.00	88.34	88.34		0.830	2902.47
3/14/2009	2987.91	2990.81	TOC	85.00	100.00	88.36	88.36		0.830	2902.45
6/29/2009	2987.91	2990.81	TOC	85.00	100.00	88.62	88.62		0.830	2902.19
9/16/2009	2987.91	2990.81	TOC	85.00	100.00	89.00	89.00		0.830	2901.81
12/20/2009	2987.91	2990.81	TOC	85.00	100.00	89.10				2901.71
2/21/2010	2987.91	2990.81	TOC	85.00	100.00	89.29	89.29		0.830	2901.52
6/28/2010	2987.91	2990.81	TOC	85.00	100.00	89.51				2901.30
10/23/2010	2987.91	2990.81	TOC	85.00	100.00	89.85	89.84	0.01	0.830	2900.97
1/19/2011	2987.91	2990.81	TOC	85.00	100.00	89.91				2900.90
3/18/2011	2987.91	2990.81	TOC	85.00	100.00	90.12				2900.69
6/18/2011	2987.91	2990.81	TOC	85.00	100.00	90.18				2900.63
12/31/2011	2987.91	2990.81	TOC	85.00	100.00	90.50	90.49	0.01	0.830	2900.32
3/31/2012	2987.91	2990.81	TOC	85.00	100.00	90.74	90.71	0.03	0.830	2900.09

**MW-04**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2988.22	2991.16	TOC	77.00	97.00	85.83				2905.33
2/22/1999	2988.22	2991.16	TOC	77.00	97.00	85.90				2905.26
3/11/1999	2988.22	2991.16	TOC	77.00	97.00	85.94				2905.22
4/7/1999	2988.22	2991.16	TOC	77.00	97.00	86.11				2905.05
5/3/1999	2988.22	2991.16	TOC	77.00	97.00	86.00	85.94	0.06	0.830	2905.21
5/10/1999	2988.22	2991.16	TOC	77.00	97.00	86.18	86.06	0.12	0.830	2905.08
5/18/1999	2988.22	2991.16	TOC	77.00	97.00	86.31	86.16	0.15	0.830	2904.97
5/24/1999	2988.22	2991.16	TOC	77.00	97.00	86.30	86.14	0.16	0.830	2904.99
6/1/1999	2988.22	2991.16	TOC	77.00	97.00	86.14	86.01	0.13	0.830	2905.13
6/8/1999	2988.22	2991.16	TOC	77.00	97.00	86.28	86.09	0.19	0.830	2905.04
6/14/1999	2988.22	2991.16	TOC	77.00	97.00	86.20	85.99	0.21	0.830	2905.13
6/22/1999	2988.22	2991.16	TOC	77.00	97.00	86.08	85.87	0.21	0.830	2905.25
7/2/1999	2988.22	2991.16	TOC	77.00	97.00	86.14	85.87	0.27	0.830	2905.24
7/6/1999	2988.22	2991.16	TOC	77.00	97.00	86.50	86.16	0.34	0.830	2904.94
7/13/1999	2988.22	2991.16	TOC	77.00	97.00	86.56	86.20	0.36	0.830	2904.90
7/20/1999	2988.22	2991.16	TOC	77.00	97.00	86.54	86.16	0.38	0.830	2904.94

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
7/26/1999	2988.22	2991.16	TOC	77.00	97.00	86.56	86.16	0.40	0.830	2904.93
8/7/1999	2988.22	2991.16	TOC	77.00	97.00	86.77	86.30	0.47	0.830	2904.78
8/14/1999	2988.22	2991.16	TOC	77.00	97.00	86.89	86.31	0.58	0.830	2904.75
8/22/1999	2988.22	2991.16	TOC	77.00	97.00	86.91	86.26	0.65	0.830	2904.79
9/1/1999	2988.22	2991.16	TOC	77.00	97.00	86.86	86.21	0.65	0.830	2904.84
9/11/1999	2988.22	2991.16	TOC	77.00	97.00	87.08	86.29	0.79	0.830	2904.74
9/16/1999	2988.22	2991.16	TOC	77.00	97.00	87.06	86.26	0.80	0.830	2904.76
9/25/1999	2988.22	2991.16	TOC	77.00	97.00	87.11	86.20	0.91	0.830	2904.81
10/2/1999	2988.22	2991.16	TOC	77.00	97.00	87.16	86.20	0.96	0.830	2904.80
10/9/1999	2988.22	2991.16	TOC	77.00	97.00	87.18	86.13	1.05	0.830	2904.85
10/15/1999	2988.22	2991.16	TOC	77.00	97.00	87.16	86.11	1.05	0.830	2904.87
10/21/1999	2988.22	2991.16	TOC	77.00	97.00	87.41	86.21	1.20	0.830	2904.75
10/26/1999	2988.22	2991.16	TOC	77.00	97.00	87.43	86.19	1.24	0.830	2904.76
8/2/2000	2988.22	2991.16	TOC	77.00	97.00	89.21	86.32	2.89	0.830	2904.35
11/24/2000	2988.22	2991.16	TOC	77.00	97.00	90.46	88.26	2.20	0.830	2902.53
2/14/2001	2988.22	2991.16	TOC	77.00	97.00	89.46	88.71	0.75	0.830	2902.32
3/16/2001	2988.22	2991.16	TOC	77.00	97.00	92.70	91.65	1.05	0.830	2899.33
4/19/2001	2988.22	2991.16	TOC	77.00	97.00	93.30	91.50	1.80	0.830	2899.35
5/23/2001	2988.22	2991.16	TOC	77.00	97.00	90.26	88.66	1.60	0.830	2902.23
9/29/2001	2988.22	2991.16	TOC	77.00	97.00	92.66	88.61	4.05	0.830	2901.86
12/20/2001	2988.22	2991.16	TOC	77.00	97.00	94.80	90.80	4.00	0.830	2899.68
3/27/2002	2988.22	2991.16	TOC	77.00	97.00	92.06	88.26	3.80	0.830	2902.25
6/26/2002	2988.22	2991.16	TOC	77.00	97.00	88.31	88.26	0.05	0.830	2902.89
12/28/2002	2988.22	2991.16	TOC	77.00	97.00	90.38	90.36	0.02	0.830	2900.80
9/22/2003	2988.22	2991.16	TOC	77.00	97.00	90.46	90.44	0.02	0.830	2900.72
12/22/2003	2988.22	2991.16	TOC	77.00	97.00	89.51	89.46	0.05	0.830	2901.69
6/26/2004	2988.22	2991.16	TOC	77.00	97.00	90.81	90.78	0.03	0.830	2900.37
12/19/2004	2988.22	2991.16	TOC	77.00	97.00	91.85	91.80	0.05	0.830	2899.35
1/19/2005	2988.22	2991.16	TOC	77.00	97.00	91.56	91.55	0.01	0.830	2899.61
1/25/2005	2988.22	2991.16	TOC	77.00	97.00	91.36	91.35	0.01	0.830	2899.81
1/26/2005	2988.22	2991.16	TOC	77.00	97.00	91.36	91.35	0.01	0.830	2899.81
2/7/2005	2988.22	2991.16	TOC	77.00	97.00	91.27	91.26	0.01	0.830	2899.90
2/16/2005	2988.22	2991.16	TOC	77.00	97.00	91.30	91.25	0.05	0.830	2899.90
3/16/2005	2988.22	2991.16	TOC	77.00	97.00	90.90	90.88	0.02	0.830	2900.28
5/11/2005	2988.22	2991.16	TOC	77.00	97.00	90.56	90.55	0.01	0.830	2900.61
6/9/2005	2988.22	2991.16	TOC	77.00	97.00	90.70	90.70		0.830	2900.46
6/26/2005	2988.22	2991.16	TOC	77.00	97.00	90.66	90.65	0.01	0.830	2900.51
9/8/2005	2988.22	2991.16	TOC	77.00	97.00	90.21	90.20	0.01	0.830	2900.96
9/27/2005	2988.22	2991.16	TOC	77.00	97.00	90.15	90.15		0.830	2901.01
10/2/2005	2988.22	2991.16	TOC	77.00	97.00	90.05				2901.11
10/14/2005	2988.22	2991.16	TOC	77.00	97.00	90.08				2901.08



**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/17/2005	2988.22	2991.16	TOC	77.00	97.00	90.10				2901.06
10/24/2005	2988.22	2991.16	TOC	77.00	97.00	90.15				2901.01
12/2/2005	2988.22	2991.16	TOC	77.00	97.00	89.10				2902.06
1/10/2006	2988.22	2991.16	TOC	77.00	97.00	90.25	90.00	0.25	0.830	2901.12
3/3/2006	2988.22	2991.16	TOC	77.00	97.00	90.00				2901.16
4/12/2006	2988.22	2991.16	TOC	77.00	97.00	90.30				2900.86
5/30/2006	2988.22	2991.16	TOC	77.00	97.00	90.22				2900.94
11/8/2006	2988.22	2991.16	TOC	77.00	97.00	90.66				2900.50
5/22/2007	2988.22	2991.16	TOC	77.00	97.00	90.48				2900.68
11/5/2007	2988.22	2991.16	2988.22	77.00	97.00	89.55				2901.61
6/15/2008	2988.22	2991.16	TOC	77.00	97.00	88.65				2902.51
7/4/2008	2988.22	2991.16	TOC	77.00	97.00	88.70				2902.46
7/24/2008	2988.22	2991.16	TOC	77.00	97.00	88.66	88.66		0.830	2902.50
8/26/2008	2988.22	2991.16	TOC	77.00	97.00	88.65	88.65		0.830	2902.51
12/8/2008	2988.22	2991.16	TOC	77.00	97.00	88.65	88.65		0.830	2902.51
3/14/2009	2988.22	2991.16	TOC	77.00	97.00	88.66	88.66		0.830	2902.50
6/29/2009	2988.22	2991.16	TOC	77.00	97.00	88.88				2902.28
9/17/2009	2988.22	2991.16	TOC	77.00	97.00	89.28				2901.88
12/20/2009	2988.22	2991.16	TOC	77.00	97.00	89.40				2901.76
2/22/2010	2988.22	2991.16	TOC	77.00	97.00	89.62				2901.54
6/28/2010	2988.22	2991.16	TOC	77.00	97.00	89.81				2901.35
10/23/2010	2988.22	2991.16	TOC	77.00	97.00	90.15				2901.01
3/18/2011	2988.22	2991.16	TOC	77.00	97.00	90.30				2900.86
6/18/2011	2988.22	2991.16	TOC	77.00	97.00	90.50				2900.66
12/31/2011	2988.22	2991.16	TOC	77.00	97.00	90.81	90.80	0.01	0.830	2900.36
3/31/2012	2988.22	2991.16	TOC	77.00	97.00	91.04	91.00	0.04	0.830	2900.15

**MW-05**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2988.47	2991.38	TOC	80.00	95.00	86.03				2905.35
2/22/1999	2988.47	2991.38	TOC	80.00	95.00	86.07				2905.31
3/11/1999	2988.47	2991.38	TOC	80.00	95.00	86.21				2905.17
4/7/1999	2988.47	2991.38	TOC	80.00	95.00	86.25				2905.13
5/3/1999	2988.47	2991.38	TOC	80.00	95.00	86.14				2905.24
6/8/1999	2988.47	2991.38	TOC	80.00	95.00	86.49				2904.89
6/22/1999	2988.47	2991.38	TOC	80.00	95.00	86.35				2905.03
7/6/1999	2988.47	2991.38	TOC	80.00	95.00	86.43				2904.95
8/14/1999	2988.47	2991.38	TOC	80.00	95.00	86.54				2904.84
9/16/1999	2988.47	2991.38	TOC	80.00	95.00	86.54				2904.84
10/19/1999	2988.47	2991.38	TOC	80.00	95.00	86.46				2904.92

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/7/2000	2988.47	2991.38	TOC	80.00	95.00	86.69				2904.69
8/2/2000	2988.47	2991.38	TOC	80.00	95.00	86.90				2904.48
11/24/2000	2988.47	2991.38	TOC	80.00	95.00	87.04				2904.34
2/21/2001	2988.47	2991.38	TOC	80.00	95.00	87.49				2903.89
3/16/2001	2988.47	2991.38	TOC	80.00	95.00	90.35				2901.03
4/19/2001	2988.47	2991.38	TOC	80.00	95.00	90.30				2901.08
5/23/2001	2988.47	2991.38	TOC	80.00	95.00	87.49				2903.89
9/29/2001	2988.47	2991.38	TOC	80.00	95.00	87.79				2903.59
12/20/2001	2988.47	2991.38	TOC	80.00	95.00	90.90				2900.48
3/27/2002	2988.47	2991.38	TOC	80.00	95.00	88.24				2903.14
6/26/2002	2988.47	2991.38	TOC	80.00	95.00	88.44				2902.94
9/25/2002	2988.47	2991.38	TOC	80.00	95.00	88.89				2902.49
12/28/2002	2988.47	2991.38	TOC	80.00	95.00	89.04				2902.34
3/22/2003	2988.47	2991.38	TOC	80.00	95.00	89.34				2902.04
6/18/2003	2988.47	2991.38	TOC	80.00	95.00	89.29				2902.09
9/22/2003	2988.47	2991.38	TOC	80.00	95.00	89.59				2901.79
12/22/2003	2988.47	2991.38	TOC	80.00	95.00	89.79				2901.59
3/17/2004	2988.47	2991.38	TOC	80.00	95.00	89.74				2901.64
6/26/2004	2988.47	2991.38	TOC	80.00	95.00	89.94				2901.44
12/19/2004	2988.47	2991.38	TOC	80.00	95.00	91.85				2899.53
1/19/2005	2988.47	2991.38	TOC	80.00	95.00	91.60				2899.78
1/25/2005	2988.47	2991.38	TOC	80.00	95.00	91.45				2899.93
1/26/2005	2988.47	2991.38	TOC	80.00	95.00	91.50				2899.88
2/7/2005	2988.47	2991.38	TOC	80.00	95.00	91.35				2900.03
2/16/2005	2988.47	2991.38	TOC	80.00	95.00	91.40				2899.98
3/16/2005	2988.47	2991.38	TOC	80.00	95.00	91.10				2900.28
5/11/2005	2988.47	2991.38	TOC	80.00	95.00	90.85				2900.53
6/26/2005	2988.47	2991.38	TOC	80.00	95.00	90.65				2900.73
9/8/2005	2988.47	2991.38	TOC	80.00	95.00	90.30				2901.08
9/19/2005	2988.47	2991.38	TOC	80.00	95.00	90.25				2901.13
10/17/2005	2988.47	2991.38	TOC	80.00	95.00	90.12				2901.26
12/2/2005	2988.47	2991.38	TOC	80.00	95.00	90.00				2901.38
1/10/2006	2988.47	2991.38	TOC	80.00	95.00	90.20				2901.18
3/3/2006	2988.47	2991.38	TOC	80.00	95.00	90.15				2901.23
4/12/2006	2988.47	2991.38	TOC	80.00	95.00	90.21				2901.17
5/30/2006	2988.47	2991.38	TOC	80.00	95.00	90.15				2901.23
6/3/2006	2988.47	2991.38	TOC	80.00	95.00	90.15				2901.23
9/8/2006	2988.47	2991.38	TOC	80.00	95.00	90.31				2901.07
11/7/2006	2988.47	2991.38	TOC	80.00	95.00	90.40				2900.98
2/23/2007	2988.47	2991.38	TOC	80.00	95.00	90.40				2900.98
5/21/2007	2988.47	2991.38	TOC	80.00	95.00	90.45				2900.93

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
8/21/2007	2988.47	2991.38	TOC	80.00	95.00	90.02				2901.36
11/3/2007	2988.47	2991.38	2988.47	80.00	95.00	89.30				2902.08
2/27/2008	2988.47	2991.38	TOC	80.00	95.00	88.80				2902.58
6/13/2008	2988.47	2991.38	TOC	80.00	95.00	88.62				2902.76
7/4/2008	2988.47	2991.38	TOC	80.00	95.00	88.70				2902.68
7/24/2008	2988.47	2991.38	TOC	80.00	95.00	88.70				2902.68
8/25/2008	2988.47	2991.38	TOC	80.00	95.00	88.70				2902.68
12/6/2008	2988.47	2991.38	TOC	80.00	95.00	88.78				2902.60
3/11/2009	2988.47	2991.38	TOC	80.00	95.00	88.78				2902.60
6/29/2009	2988.47	2991.38	TOC	80.00	95.00	88.97				2902.41
9/17/2009	2988.47	2991.38	TOC	80.00	95.00	89.25				2902.13
12/20/2009	2988.47	2991.38	TOC	80.00	95.00	89.47				2901.91
2/20/2010	2988.47	2991.38	TOC	80.00	95.00	89.60				2901.78
6/28/2010	2988.47	2991.38	TOC	80.00	95.00	89.87				2901.51
10/23/2010	2988.47	2991.38	TOC	80.00	95.00	90.12				2901.26
3/18/2011	2988.47	2991.38	TOC	80.00	95.00	90.35				2901.03
6/18/2011	2988.47	2991.38	TOC	80.00	95.00	90.54				2900.84
12/31/2011	2988.47	2991.38	TOC	80.00	95.00	90.86				2900.52
3/31/2012	2988.47	2991.38	TOC	80.00	95.00	91.08				2900.30

**MW-06**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2987.40	2990.17	TOC	80.00	95.00	87.01	84.72	2.29	0.830	2905.06
2/22/1999	2987.40	2990.17	TOC	80.00	95.00	88.75	84.61	4.14	0.830	2904.86
3/3/1999	2987.40	2990.17	TOC	80.00	95.00	89.16	84.63	4.53	0.830	2904.77
7/15/1999	2987.40	2990.17	TOC	80.00	95.00	88.48	85.16	3.32	0.830	2904.45
8/7/1999	2987.40	2990.17	TOC	80.00	95.00	90.69	85.76	4.93	0.830	2903.57
8/14/1999	2987.40	2990.17	TOC	80.00	95.00	90.98	84.98	6.00	0.830	2904.17
8/22/1999	2987.40	2990.17	TOC	80.00	95.00	90.98	84.90	6.08	0.830	2904.24
9/1/1999	2987.40	2990.17	TOC	80.00	95.00	90.93	84.87	6.06	0.830	2904.27
9/11/1999	2987.40	2990.17	TOC	80.00	95.00	91.11	84.95	6.16	0.830	2904.17
9/16/1999	2987.40	2990.17	TOC	80.00	95.00	91.00	84.88	6.12	0.830	2904.25
9/25/1999	2987.40	2990.17	TOC	80.00	95.00	90.85	84.83	6.02	0.830	2904.32
10/2/1999	2987.40	2990.17	TOC	80.00	95.00	90.88	84.84	6.04	0.830	2904.30
10/9/1999	2987.40	2990.17	TOC	80.00	95.00	90.86	84.82	6.04	0.830	2904.32
10/15/1999	2987.40	2990.17	TOC	80.00	95.00	90.88	84.80	6.08	0.830	2904.34
10/21/1999	2987.40	2990.17	TOC	80.00	95.00	91.05	84.88	6.17	0.830	2904.24
10/26/1999	2987.40	2990.17	TOC	80.00	95.00	91.03	84.88	6.15	0.830	2904.24
8/2/2000	2987.40	2990.17	TOC	80.00	95.00	92.03	85.23	6.80	0.830	2903.78
11/24/2000	2987.40	2990.17	TOC	80.00	95.00	92.33	85.83	6.50	0.830	2903.23

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/14/2001	2987.40	2990.17	TOC	80.00	95.00	89.83	89.73	0.10	0.830	2900.42
3/16/2001	2987.40	2990.17	TOC	80.00	95.00	92.60	92.50	0.10	0.830	2897.65
4/19/2001	2987.40	2990.17	TOC	80.00	95.00	92.55	92.45	0.10	0.830	2897.70
5/23/2001	2987.40	2990.17	TOC	80.00	95.00	89.83	89.78	0.05	0.830	2900.38
9/29/2001	2987.40	2990.17	TOC	80.00	95.00	89.73				2900.44
12/20/2001	2987.40	2990.17	TOC	80.00	95.00	92.15	92.10	0.05	0.830	2898.06
3/27/2002	2987.40	2990.17	TOC	80.00	95.00	89.53	89.51	0.02	0.830	2900.66
6/26/2002	2987.40	2990.17	TOC	80.00	95.00	89.78	89.73	0.05	0.830	2900.43
12/28/2002	2987.40	2990.17	TOC	80.00	95.00	89.65	89.63	0.02	0.830	2900.54
9/22/2003	2987.40	2990.17	TOC	80.00	95.00	91.43	88.33	3.10	0.830	2901.31
12/22/2003	2987.40	2990.17	TOC	80.00	95.00	89.28	89.23	0.05	0.830	2900.93
3/17/2004	2987.40	2990.17	TOC	80.00	95.00	91.63	88.73	2.90	0.830	2900.95
6/26/2004	2987.40	2990.17	TOC	80.00	95.00	90.38	90.35	0.03	0.830	2899.81
12/19/2004	2987.40	2990.17	TOC	80.00	95.00	92.20	91.28	0.92	0.830	2898.73
1/25/2005	2987.40	2990.17	TOC	80.00	95.00	91.05	90.95	0.10	0.830	2899.20
1/26/2005	2987.40	2990.17	TOC	80.00	95.00	91.07	90.97	0.10	0.830	2899.18
2/7/2005	2987.40	2990.17	TOC	80.00	95.00	91.00	90.85	0.15	0.830	2899.29
2/16/2005	2987.40	2990.17	TOC	80.00	95.00	90.95	91.10		0.830	2899.22
3/16/2005	2987.40	2990.17	TOC	80.00	95.00	90.60	90.51	0.09	0.830	2899.64
5/11/2005	2987.40	2990.17	TOC	80.00	95.00	90.24	90.22	0.02	0.830	2899.95
6/9/2005	2987.40	2990.17	TOC	80.00	95.00	90.25	90.25		0.830	2899.92
6/26/2005	2987.40	2990.17	TOC	80.00	95.00	90.21	90.20	0.01	0.830	2899.97
9/27/2005	2987.40	2990.17	TOC	80.00	95.00	89.85	89.70	0.15	0.830	2900.44
10/2/2005	2987.40	2990.17	TOC	80.00	95.00	89.80	89.65	0.15	0.830	2900.49
10/14/2005	2987.40	2990.17	TOC	80.00	95.00	89.60				2900.57
10/17/2005	2987.40	2990.17	TOC	80.00	95.00	89.73	89.59	0.14	0.830	2900.56
10/24/2005	2987.40	2990.17	TOC	80.00	95.00	89.77	89.60	0.17	0.830	2900.54
12/2/2005	2987.40	2990.17	TOC	80.00	95.00	89.60	89.50	0.10	0.830	2900.65
3/3/2006	2987.40	2990.17	TOC	80.00	95.00	89.70	89.68	0.02	0.830	2900.49
4/12/2006	2987.40	2990.17	TOC	80.00	95.00	89.78				2900.39
5/30/2006	2987.40	2990.17	TOC	80.00	95.00	89.60				2900.57
6/7/2006	2987.40	2990.17	TOC	80.00	95.00	89.62				2900.55
9/8/2006	2987.40	2990.17	TOC	80.00	95.00	89.85				2900.32
6/17/2008	2987.40	2990.17	TOC	80.00	95.00	88.30				2901.87
7/4/2008	2987.40	2990.17	TOC	80.00	95.00	88.25	88.25		0.830	2901.92
7/24/2008	2987.40	2990.17	TOC	80.00	95.00	88.18	88.18		0.830	2901.99
8/26/2008	2987.40	2990.17	TOC	80.00	95.00	88.07	88.07		0.830	2902.10
12/8/2008	2987.40	2990.17	TOC	80.00	95.00	88.07	88.07		0.830	2902.10
3/14/2009	2987.40	2990.17	TOC	80.00	95.00	88.18	88.18		0.830	2901.99
6/29/2009	2987.40	2990.17	TOC	80.00	95.00	88.32	88.32		0.830	2901.85
9/16/2009	2987.40	2990.17	TOC	80.00	95.00	88.67	88.67		0.830	2901.50

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
12/20/2009	2987.40	2990.17	TOC	80.00	95.00	88.78				2901.39
2/24/2010	2987.40	2990.17	TOC	80.00	95.00	89.01				2901.16
6/28/2010	2987.40	2990.17	TOC	80.00	95.00	89.20	89.17	0.03	0.830	2900.99
10/23/2010	2987.40	2990.17	TOC	80.00	95.00	89.61	89.54	0.07	0.830	2900.62
1/19/2011	2987.40	2990.17	TOC	80.00	95.00	89.50	89.48	0.02	0.830	2900.69
3/18/2011	2987.40	2990.17	TOC	80.00	95.00	89.69	89.66	0.03	0.830	2900.50
6/18/2011	2987.40	2990.17	TOC	80.00	95.00	89.85	89.81	0.04	0.830	2900.35
12/31/2011	2987.40	2990.17	TOC	80.00	95.00	90.17	90.07	0.10	0.830	2900.08
3/31/2012	2987.40	2990.17	TOC	80.00	95.00	90.42	90.26	0.16	0.830	2899.88

**MW-07**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2986.31	2989.47	TOC	80.00	95.00	84.03				2905.44
2/22/1999	2986.31	2989.47	TOC	80.00	95.00	84.13				2905.34
3/11/1999	2986.31	2989.47	TOC	80.00	95.00	84.26				2905.21
4/7/1999	2986.31	2989.47	TOC	80.00	95.00	84.35				2905.12
5/3/1999	2986.31	2989.47	TOC	80.00	95.00	84.36	84.18	0.18	0.830	2905.26
5/10/1999	2986.31	2989.47	TOC	80.00	95.00	84.58	84.24	0.34	0.830	2905.17
5/18/1999	2986.31	2989.47	TOC	80.00	95.00	84.88	84.31	0.57	0.830	2905.06
5/24/1999	2986.31	2989.47	TOC	80.00	95.00	84.89	84.29	0.60	0.830	2905.08
6/1/1999	2986.31	2989.47	TOC	80.00	95.00	84.77	84.25	0.52	0.830	2905.13
6/8/1999	2986.31	2989.47	TOC	80.00	95.00	84.99	84.29	0.70	0.830	2905.06
6/14/1999	2986.31	2989.47	TOC	80.00	95.00	84.31	83.43	0.88	0.830	2905.89
6/22/1999	2986.31	2989.47	TOC	80.00	95.00	84.27	83.35	0.92	0.830	2905.96
7/2/1999	2986.31	2989.47	TOC	80.00	95.00	85.32	84.24	1.08	0.830	2905.05
7/6/1999	2986.31	2989.47	TOC	80.00	95.00	85.49	84.34	1.15	0.830	2904.93
7/13/1999	2986.31	2989.47	TOC	80.00	95.00	85.72	84.34	1.38	0.830	2904.90
7/20/1999	2986.31	2989.47	TOC	80.00	95.00	85.87	84.28	1.59	0.830	2904.92
7/26/1999	2986.31	2989.47	TOC	80.00	95.00	86.14	84.29	1.85	0.830	2904.87
8/7/1999	2986.31	2989.47	TOC	80.00	95.00	86.54	84.36	2.18	0.830	2904.74
8/14/1999	2986.31	2989.47	TOC	80.00	95.00	86.94	84.31	2.63	0.830	2904.71
8/22/1999	2986.31	2989.47	TOC	80.00	95.00	87.49	84.19	3.30	0.830	2904.72
9/1/1999	2986.31	2989.47	TOC	80.00	95.00	87.74	84.11	3.63	0.830	2904.74
9/11/1999	2986.31	2989.47	TOC	80.00	95.00	88.14	84.04	4.10	0.830	2904.73
9/16/1999	2986.31	2989.47	TOC	80.00	95.00	88.24	83.99	4.25	0.830	2904.76
9/25/1999	2986.31	2989.47	TOC	80.00	95.00	88.34	85.81	2.53	0.830	2903.23
10/2/1999	2986.31	2989.47	TOC	80.00	95.00	88.49	83.84	4.65	0.830	2904.84
10/9/1999	2986.31	2989.47	TOC	80.00	95.00	88.64	83.84	4.80	0.830	2904.81
10/15/1999	2986.31	2989.47	TOC	80.00	95.00	88.69	83.79	4.90	0.830	2904.85

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2987.97	2990.73	TOC	80.00	95.00	86.00	85.99	0.01	0.830	2904.74
2/22/1999	2987.97	2990.73	TOC	80.00	95.00	86.06	86.04	0.02	0.830	2904.69
3/11/1999	2987.97	2990.73	TOC	80.00	95.00	86.18	86.10	0.08	0.830	2904.62
3/24/1999	2987.97	2990.73	TOC	80.00	95.00	86.42	86.04	0.38	0.830	2904.63
3/31/1999	2987.97	2990.73	TOC	80.00	95.00	86.47	86.03	0.44	0.830	2904.63
4/2/1999	2987.97	2990.73	TOC	80.00	95.00	86.39	86.14	0.25	0.830	2904.55
4/7/1999	2987.97	2990.73	TOC	80.00	95.00	86.94	86.08	0.86	0.830	2904.50
4/13/1999	2987.97	2990.73	TOC	80.00	95.00	86.83	85.94	0.89	0.830	2904.64
4/19/1999	2987.97	2990.73	TOC	80.00	95.00	87.01	85.95	1.06	0.830	2904.60
4/26/1999	2987.97	2990.73	TOC	80.00	95.00	87.30	85.97	1.33	0.830	2904.53
5/3/1999	2987.97	2990.73	TOC	80.00	95.00	87.47	85.90	1.57	0.830	2904.56
5/10/1999	2987.97	2990.73	TOC	80.00	95.00	87.89	85.94	1.95	0.830	2904.46
5/18/1999	2987.97	2990.73	TOC	80.00	95.00	88.39	85.96	2.43	0.830	2904.36
5/24/1999	2987.97	2990.73	TOC	80.00	95.00	88.60	85.91	2.69	0.830	2904.36
6/1/1999	2987.97	2990.73	TOC	80.00	95.00	89.04	85.76	3.28	0.830	2904.41
6/8/1999	2987.97	2990.73	TOC	80.00	95.00	88.51	85.80	2.71	0.830	2904.47
6/14/1999	2987.97	2990.73	TOC	80.00	95.00	86.14	82.94	3.20	0.830	2907.25
6/22/1999	2987.97	2990.73	TOC	80.00	95.00	85.74	82.09	3.65	0.830	2908.02
7/2/1999	2987.97	2990.73	TOC	80.00	95.00	89.62	85.78	3.84	0.830	2904.30
7/6/1999	2987.97	2990.73	TOC	80.00	95.00	89.76	85.76	4.00	0.830	2904.29
7/13/1999	2987.97	2990.73	TOC	80.00	95.00	89.92	85.84	4.08	0.830	2904.20
7/20/1999	2987.97	2990.73	TOC	80.00	95.00	89.94	85.74	4.20	0.830	2904.28
7/26/1999	2987.97	2990.73	TOC	80.00	95.00	90.09	85.72	4.37	0.830	2904.27
8/7/1999	2987.97	2990.73	TOC	80.00	95.00	90.20	85.77	4.43	0.830	2904.21
8/14/1999	2987.97	2990.73	TOC	80.00	95.00	90.44	85.64	4.80	0.830	2904.27
8/22/1999	2987.97	2990.73	TOC	80.00	95.00	90.49	85.79	4.70	0.830	2904.14
9/1/1999	2987.97	2990.73	TOC	80.00	95.00	90.40	85.80	4.60	0.830	2904.15
9/11/1999	2987.97	2990.73	TOC	80.00	95.00	90.74	85.79	4.95	0.830	2904.10
9/16/1999	2987.97	2990.73	TOC	80.00	95.00	90.74	85.83	4.91	0.830	2904.07
9/25/1999	2987.97	2990.73	TOC	80.00	95.00	90.74	85.74	5.00	0.830	2904.14
10/2/1999	2987.97	2990.73	TOC	80.00	95.00	90.79	85.78	5.01	0.830	2904.10
10/9/1999	2987.97	2990.73	TOC	80.00	95.00	90.74	85.75	4.99	0.830	2904.13
10/15/1999	2987.97	2990.73	TOC	80.00	95.00	90.89	85.74	5.15	0.830	2904.11
10/21/1999	2987.97	2990.73	TOC	80.00	95.00	91.04	86.77	4.27	0.830	2903.23
10/26/1999	2987.97	2990.73	TOC	80.00	95.00	91.09	85.77	5.32	0.830	2904.06
8/2/2000	2987.97	2990.73	TOC	80.00	95.00	90.92	86.25	4.67	0.830	2903.69
11/24/2000	2987.97	2990.73	TOC	80.00	95.00	91.44	86.74	4.70	0.830	2903.19
2/14/2001	2987.97	2990.73	TOC	80.00	95.00	91.44	87.49	3.95	0.830	2902.57
3/16/2001	2987.97	2990.73	TOC	80.00	95.00	91.55	89.95	1.60	0.830	2900.51
4/19/2001	2987.97	2990.73	TOC	80.00	95.00	93.60	89.55	4.05	0.830	2900.49
5/23/2001	2987.97	2990.73	TOC	80.00	95.00	92.09	86.64	5.45	0.830	2903.16

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
9/29/2001	2987.97	2990.73	TOC	80.00	95.00	93.09	87.09	6.00	0.830	2902.62
12/20/2001	2987.97	2990.73	TOC	80.00	95.00	95.75	89.95	5.80	0.830	2899.79
3/27/2002	2987.97	2990.73	TOC	80.00	95.00	92.84	87.34	5.50	0.830	2902.46
6/26/2002	2987.97	2990.73	TOC	80.00	95.00	92.79	87.44	5.35	0.830	2902.38
9/25/2002	2987.97	2990.73	TOC	80.00	95.00	93.84	87.99	5.85	0.830	2901.75
12/28/2002	2987.97	2990.73	TOC	80.00	95.00	92.79	88.44	4.35	0.830	2901.55
3/22/2003	2987.97	2990.73	TOC	80.00	95.00	92.59	88.84	3.75	0.830	2901.25
6/18/2003	2987.97	2990.73	TOC	80.00	95.00	90.99	89.09	1.90	0.830	2901.32
9/22/2003	2987.97	2990.73	TOC	80.00	95.00	91.44	89.04	2.40	0.830	2901.28
12/22/2003	2987.97	2990.73	TOC	80.00	95.00	92.79	89.14	3.65	0.830	2900.97
6/26/2004	2987.97	2990.73	TOC	80.00	95.00	90.66	90.64	0.02	0.830	2900.09
12/19/2004	2987.97	2990.73	TOC	80.00	95.00	91.92	91.80	0.12	0.830	2898.91
1/19/2005	2987.97	2990.73	TOC	80.00	95.00	91.60	91.59	0.01	0.830	2899.14
1/25/2005	2987.97	2990.73	TOC	80.00	95.00	91.36	91.35	0.01	0.830	2899.38
1/26/2005	2987.97	2990.73	TOC	80.00	95.00	91.40	91.39	0.01	0.830	2899.34
2/7/2005	2987.97	2990.73	TOC	80.00	95.00	91.21	91.20	0.01	0.830	2899.53
2/16/2005	2987.97	2990.73	TOC	80.00	95.00	91.21	91.20	0.01	0.830	2899.53
3/16/2005	2987.97	2990.73	TOC	80.00	95.00	90.95	90.94	0.01	0.830	2899.79
5/11/2005	2987.97	2990.73	TOC	80.00	95.00	90.66	90.65	0.01	0.830	2900.08
6/9/2005	2987.97	2990.73	TOC	80.00	95.00	90.50	90.50		0.830	2900.23
6/26/2005	2987.97	2990.73	TOC	80.00	95.00	90.66	90.65	0.01	0.830	2900.08
9/8/2005	2987.97	2990.73	TOC	80.00	95.00	90.21	90.20	0.01	0.830	2900.53
9/27/2005	2987.97	2990.73	TOC	80.00	95.00	90.05	90.05		0.830	2900.68
10/2/2005	2987.97	2990.73	TOC	80.00	95.00	90.05				2900.68
10/14/2005	2987.97	2990.73	TOC	80.00	95.00	90.10				2900.63
10/17/2005	2987.97	2990.73	TOC	80.00	95.00	90.05				2900.68
10/24/2005	2987.97	2990.73	TOC	80.00	95.00	90.10				2900.63
12/2/2005	2987.97	2990.73	TOC	80.00	95.00	89.00				2901.73
1/10/2006	2987.97	2990.73	TOC	80.00	95.00	90.28				2900.45
3/3/2006	2987.97	2990.73	TOC	80.00	95.00	90.19				2900.54
6/17/2008	2987.97	2990.73	TOC	80.00	95.00	88.85	88.85		0.830	2901.88
7/4/2008	2987.97	2990.73	TOC	80.00	95.00	88.80	88.75	0.05	0.830	2901.97
7/24/2008	2987.97	2990.73	TOC	80.00	95.00	88.80	88.78	0.02	0.830	2901.95
8/26/2008	2987.97	2990.73	TOC	80.00	95.00	88.59	88.56	0.03	0.830	2902.16
12/8/2008	2987.97	2990.73	TOC	80.00	95.00	88.56	88.55	0.01	0.830	2902.18
3/14/2009	2987.97	2990.73	TOC	80.00	95.00	88.65	88.65		0.830	2902.08
6/29/2009	2987.97	2990.73	TOC	80.00	95.00	88.81	88.81		0.830	2901.92
9/17/2009	2987.97	2990.73	TOC	80.00	95.00	89.18				2901.55
12/20/2009	2987.97	2990.73	TOC	80.00	95.00	89.32	89.32		0.830	2901.41
2/22/2010	2987.97	2990.73	TOC	80.00	95.00	89.61	89.53	0.08	0.830	2901.19
6/28/2010	2987.97	2990.73	TOC	80.00	95.00	89.67	89.67		0.830	2901.06

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/23/2010	2987.97	2990.73	TOC	80.00	95.00	90.16	90.00	0.16	0.830	2900.70
1/19/2011	2987.97	2990.73	TOC	80.00	95.00	90.10	89.96	0.14	0.830	2900.75
3/18/2011	2987.97	2990.73	TOC	80.00	95.00	90.35	90.25	0.10	0.830	2900.46
6/18/2011	2987.97	2990.73	TOC	80.00	95.00	90.47	90.35	0.12	0.830	2900.36
12/31/2011	2987.97	2990.73	TOC	80.00	95.00	90.85	90.65	0.20	0.830	2900.05
3/31/2012	2987.97	2990.73	TOC	80.00	95.00	91.15	90.84	0.31	0.830	2899.84

**MW-09**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2987.39	2990.31	TOC	81.00	96.00	86.06	85.48	0.58	0.830	2904.73
2/22/1999	2987.39	2990.31	TOC	81.00	96.00	88.60	84.46	4.14	0.830	2905.15
3/11/1999	2987.39	2990.31	TOC	81.00	96.00	91.48	84.77	6.71	0.830	2904.40
3/24/1999	2987.39	2990.31	TOC	81.00	96.00	91.43	84.78	6.65	0.830	2904.40
3/31/1999	2987.39	2990.31	TOC	81.00	96.00	91.40	84.72	6.68	0.830	2904.45
4/2/1999	2987.39	2990.31	TOC	81.00	96.00	91.52	84.84	6.68	0.830	2904.33
4/7/1999	2987.39	2990.31	TOC	81.00	96.00	91.58	84.87	6.71	0.830	2904.30
7/15/1999	2987.39	2990.31	TOC	81.00	96.00	91.13	85.11	6.02	0.830	2904.18
10/26/1999	2987.39	2990.31	TOC	81.00	96.00	90.63	85.43	5.20	0.830	2904.00
8/2/2000	2987.39	2990.31	TOC	81.00	96.00	92.73	85.56	7.17	0.830	2903.53
11/24/2000	2987.39	2990.31	TOC	81.00	96.00	92.63	86.08	6.55	0.830	2903.12
2/14/2001	2987.39	2990.31	TOC	81.00	96.00	93.58	86.38	7.20	0.830	2902.71
5/23/2001	2987.39	2990.31	TOC	81.00	96.00	93.08	86.03	7.05	0.830	2903.08
9/29/2001	2987.39	2990.31	TOC	81.00	96.00	93.73	86.63	7.10	0.830	2902.47
12/20/2001	2987.39	2990.31	TOC	81.00	96.00	91.05	90.85	0.20	0.830	2899.43
3/27/2002	2987.39	2990.31	TOC	81.00	96.00	87.98	87.93	0.05	0.830	2902.37
6/26/2002	2987.39	2990.31	TOC	81.00	96.00	88.73	87.68	1.05	0.830	2902.45
12/28/2002	2987.39	2990.31	TOC	81.00	96.00	87.93	87.90	0.03	0.830	2902.41
9/22/2003	2987.39	2990.31	TOC	81.00	96.00	88.88	88.83	0.05	0.830	2901.47
12/22/2003	2987.39	2990.31	TOC	81.00	96.00	89.23	89.08	0.15	0.830	2901.20
3/17/2004	2987.39	2990.31	TOC	81.00	96.00	93.18	88.98	4.20	0.830	2900.62
6/26/2004	2987.39	2990.31	TOC	81.00	96.00	89.43	89.38	0.05	0.830	2900.92
6/26/2005	2987.39	2990.31	TOC	81.00	96.00	90.80	90.75	0.05	0.830	2899.55
9/8/2005	2987.39	2990.31	TOC	81.00	96.00	90.18	90.15	0.03	0.830	2900.16
9/27/2005	2987.39	2990.31	TOC	81.00	96.00	90.10	90.05	0.05	0.830	2900.25
10/2/2005	2987.39	2990.31	TOC	81.00	96.00	90.00	89.95	0.05	0.830	2900.35
10/14/2005	2987.39	2990.31	TOC	81.00	96.00	90.00				2900.31
10/17/2005	2987.39	2990.31	TOC	81.00	96.00	89.90	89.80	0.10	0.830	2900.49
10/24/2005	2987.39	2990.31	TOC	81.00	96.00	90.05	90.00	0.05	0.830	2900.30
12/2/2005	2987.39	2990.31	TOC	81.00	96.00	89.95	89.85	0.10	0.830	2900.44
1/10/2006	2987.39	2990.31	TOC	81.00	96.00	90.30	90.25	0.05	0.830	2900.05



**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-09**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
3/3/2006	2987.39	2990.31	TOC	81.00	96.00	90.25	90.15	0.10	0.830	2900.14
4/12/2006	2987.39	2990.31	TOC	81.00	96.00	90.45	90.38	0.07	0.830	2899.92
5/30/2006	2987.39	2990.31	TOC	81.00	96.00	90.11	90.07	0.04	0.830	2900.23
6/6/2006	2987.39	2990.31	TOC	81.00	96.00	90.11	90.07	0.04	0.830	2900.23
9/8/2006	2987.39	2990.31	TOC	81.00	96.00	90.15	90.10	0.05	0.830	2900.20
11/8/2006	2987.39	2990.31	TOC	81.00	96.00	90.41	90.40	0.01	0.830	2899.91
2/23/2007	2987.39	2990.31	TOC	81.00	96.00	90.11	90.10	0.01	0.830	2900.21
5/21/2007	2987.39	2990.31	TOC	81.00	96.00	90.12	90.11	0.01	0.830	2900.20
8/21/2007	2987.39	2990.31	TOC	81.00	96.00	90.20	90.19	0.01	0.830	2900.12
11/5/2007	2987.39	2990.31	2987.39	81.00	96.00	89.90	89.90		0.830	2900.41
3/4/2008	2987.39	2990.31	TOC	81.00	96.00	89.32				2900.99
6/17/2008	2987.39	2990.31	TOC	81.00	96.00	88.70	88.70		0.830	2901.61
7/4/2008	2987.39	2990.31	TOC	81.00	96.00	88.65	88.65		0.830	2901.66
7/24/2008	2987.39	2990.31	TOC	81.00	96.00	88.57	88.57		0.830	2901.74
8/26/2008	2987.39	2990.31	TOC	81.00	96.00	88.48	88.48		0.830	2901.83
12/8/2008	2987.39	2990.31	TOC	81.00	96.00	88.50	88.50		0.830	2901.81
3/14/2009	2987.39	2990.31	TOC	81.00	96.00	88.53	88.53		0.830	2901.78
6/29/2009	2987.39	2990.31	TOC	81.00	96.00	88.67	88.67		0.830	2901.64
9/16/2009	2987.39	2990.31	TOC	81.00	96.00	89.00				2901.31
12/20/2009	2987.39	2990.31	TOC	81.00	96.00	89.16	89.16		0.830	2901.15
2/22/2010	2987.39	2990.31	TOC	81.00	96.00	89.21				2901.10
6/28/2010	2987.39	2990.31	TOC	81.00	96.00	89.50	89.50		0.830	2900.81
10/23/2010	2987.39	2990.31	TOC	81.00	96.00	89.80				2900.51
3/18/2011	2987.39	2990.31	TOC	81.00	96.00	90.06				2900.25
6/18/2011	2987.39	2990.31	TOC	81.00	96.00	90.15				2900.16
12/31/2011	2987.39	2990.31	TOC	81.00	96.00	90.41	90.40	0.01	0.830	2899.91
3/31/2012	2987.39	2990.31	TOC	81.00	96.00	90.64	90.63	0.01	0.830	2899.68

**MW-10**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2987.96	2990.84	TOC	81.00	96.00	85.73				2905.11
2/22/1999	2987.96	2990.84	TOC	81.00	96.00	85.76				2905.08
3/11/1999	2987.96	2990.84	TOC	81.00	96.00	85.87				2904.97
4/7/1999	2987.96	2990.84	TOC	81.00	96.00	85.93				2904.91
5/3/1999	2987.96	2990.84	TOC	81.00	96.00	85.81				2905.03
6/8/1999	2987.96	2990.84	TOC	81.00	96.00	86.02				2904.82
6/22/1999	2987.96	2990.84	TOC	81.00	96.00	87.07				2903.77
7/6/1999	2987.96	2990.84	TOC	81.00	96.00	87.07				2903.77
8/14/1999	2987.96	2990.84	TOC	81.00	96.00	86.19				2904.65
9/16/1999	2987.96	2990.84	TOC	81.00	96.00	86.22				2904.62

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/19/1999	2987.96	2990.84	TOC	81.00	96.00	86.17				2904.67
2/7/2000	2987.96	2990.84	TOC	81.00	96.00	86.32				2904.52
8/2/2000	2987.96	2990.84	TOC	81.00	96.00	86.57				2904.27
11/24/2000	2987.96	2990.84	TOC	81.00	96.00	86.72				2904.12
2/14/2001	2987.96	2990.84	TOC	81.00	96.00	87.02				2903.82
3/16/2001	2987.96	2990.84	TOC	81.00	96.00	89.95				2900.89
4/19/2001	2987.96	2990.84	TOC	81.00	96.00	89.55				2901.29
5/23/2001	2987.96	2990.84	TOC	81.00	96.00	87.57	87.07	0.50	0.830	2903.69
9/29/2001	2987.96	2990.84	TOC	81.00	96.00	91.37	86.87	4.50	0.830	2903.21
12/20/2001	2987.96	2990.84	TOC	81.00	96.00	94.25	89.85	4.40	0.830	2900.24
3/27/2002	2987.96	2990.84	TOC	81.00	96.00	91.57	87.32	4.25	0.830	2902.80
6/26/2002	2987.96	2990.84	TOC	81.00	96.00	91.62	87.47	4.15	0.830	2902.66
12/28/2002	2987.96	2990.84	TOC	81.00	96.00	90.62	88.27	2.35	0.830	2902.17
3/22/2003	2987.96	2990.84	TOC	81.00	96.00	91.12	88.47	2.65	0.830	2901.92
6/18/2003	2987.96	2990.84	TOC	81.00	96.00	91.12	88.52	2.60	0.830	2901.88
9/22/2003	2987.96	2990.84	TOC	81.00	96.00	91.27	88.87	2.40	0.830	2901.56
12/22/2003	2987.96	2990.84	TOC	81.00	96.00	91.22	88.92	2.30	0.830	2901.53
3/17/2004	2987.96	2990.84	TOC	81.00	96.00	90.22	89.47	0.75	0.830	2901.24
6/26/2004	2987.96	2990.84	TOC	81.00	96.00	90.52	89.52	1.00	0.830	2901.15
12/19/2004	2987.96	2990.84	TOC	81.00	96.00	91.57	91.55	0.02	0.830	2899.29
1/19/2005	2987.96	2990.84	TOC	81.00	96.00	91.36	91.35	0.01	0.830	2899.49
1/25/2005	2987.96	2990.84	TOC	81.00	96.00	91.16	91.15	0.01	0.830	2899.69
1/26/2005	2987.96	2990.84	TOC	81.00	96.00	91.22	91.21	0.01	0.830	2899.63
2/7/2005	2987.96	2990.84	TOC	81.00	96.00	91.01	91.00	0.01	0.830	2899.84
2/16/2005	2987.96	2990.84	TOC	81.00	96.00	91.09	91.08	0.01	0.830	2899.76
3/16/2005	2987.96	2990.84	TOC	81.00	96.00	90.75	90.74	0.01	0.830	2900.10
5/11/2005	2987.96	2990.84	TOC	81.00	96.00	90.66	90.55	0.11	0.830	2900.27
6/9/2005	2987.96	2990.84	TOC	81.00	96.00	90.35	90.35		0.830	2900.49
6/26/2005	2987.96	2990.84	TOC	81.00	96.00	90.33	90.32	0.01	0.830	2900.52
9/8/2005	2987.96	2990.84	TOC	81.00	96.00	90.01	90.00	0.01	0.830	2900.84
9/27/2005	2987.96	2990.84	TOC	81.00	96.00	89.85	89.85		0.830	2900.99
10/2/2005	2987.96	2990.84	TOC	81.00	96.00	89.80				2901.04
10/14/2005	2987.96	2990.84	TOC	81.00	96.00	89.89				2900.95
10/17/2005	2987.96	2990.84	TOC	81.00	96.00	89.84				2901.00
10/24/2005	2987.96	2990.84	TOC	81.00	96.00	89.87				2900.97
12/2/2005	2987.96	2990.84	TOC	81.00	96.00	89.72				2901.12
1/10/2006	2987.96	2990.84	TOC	81.00	96.00	89.95				2900.89
3/3/2006	2987.96	2990.84	TOC	81.00	96.00	89.85				2900.99
4/12/2006	2987.96	2990.84	TOC	81.00	96.00	90.00				2900.84
5/30/2006	2987.96	2990.84	TOC	81.00	96.00	89.95				2900.89
6/4/2006	2987.96	2990.84	TOC	81.00	96.00	89.80				2901.04

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
9/8/2006	2987.96	2990.84	TOC	81.00	96.00	90.02				2900.82
11/8/2006	2987.96	2990.84	TOC	81.00	96.00	90.00				2900.84
2/25/2007	2987.96	2990.84	TOC	81.00	96.00	90.15				2900.69
5/22/2007	2987.96	2990.84	TOC	81.00	96.00	90.24				2900.60
8/21/2007	2987.96	2990.84	TOC	81.00	96.00	89.82				2901.02
11/6/2007	2987.96	2990.84	2987.96	81.00	96.00	89.27				2901.57
3/4/2008	2987.96	2990.84	TOC	81.00	96.00	88.62				2902.22
6/15/2008	2987.96	2990.84	TOC	81.00	96.00	88.42				2902.42
7/4/2008	2987.96	2990.84	TOC	81.00	96.00	88.45				2902.39
7/24/2008	2987.96	2990.84	TOC	81.00	96.00	88.40				2902.44
8/26/2008	2987.96	2990.84	TOC	81.00	96.00	88.45				2902.39
12/8/2008	2987.96	2990.84	TOC	81.00	96.00	88.37				2902.47
3/14/2009	2987.96	2990.84	TOC	81.00	96.00	88.50				2902.34
6/29/2009	2987.96	2990.84	TOC	81.00	96.00	88.67				2902.17
9/17/2009	2987.96	2990.84	TOC	81.00	96.00	88.98	88.98		0.830	2901.86
12/20/2009	2987.96	2990.84	TOC	81.00	96.00	89.17				2901.67
2/21/2010	2987.96	2990.84	TOC	81.00	96.00	89.35	89.35		0.830	2901.49
6/28/2010	2987.96	2990.84	TOC	81.00	96.00	89.56	89.56		0.830	2901.28
10/23/2010	2987.96	2990.84	TOC	81.00	96.00	89.75				2901.09
3/18/2011	2987.96	2990.84	TOC	81.00	96.00	90.02				2900.82
6/18/2011	2987.96	2990.84	TOC	81.00	96.00	90.23				2900.61
12/31/2011	2987.96	2990.84	TOC	81.00	96.00	90.57				2900.27
3/31/2012	2987.96	2990.84	TOC	81.00	96.00	90.76	90.75	0.01	0.830	2900.09

**MW-11**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2989.37	2992.30	TOC	83.00	98.00	87.54				2904.76
2/22/1999	2989.37	2992.30	TOC	83.00	98.00	87.50				2904.80
3/11/1999	2989.37	2992.30	TOC	83.00	98.00	87.60				2904.70
4/7/1999	2989.37	2992.30	TOC	83.00	98.00	87.56				2904.74
5/3/1999	2989.37	2992.30	TOC	83.00	98.00	87.38				2904.92
6/8/1999	2989.37	2992.30	TOC	83.00	98.00	87.72				2904.58
6/22/1999	2989.37	2992.30	TOC	83.00	98.00	87.76				2904.54
7/6/1999	2989.37	2992.30	TOC	83.00	98.00	87.84				2904.46
8/14/1999	2989.37	2992.30	TOC	83.00	98.00	87.98				2904.32
9/16/1999	2989.37	2992.30	TOC	83.00	98.00	87.61				2904.69
10/19/1999	2989.37	2992.30	TOC	83.00	98.00	87.66				2904.64
2/7/2000	2989.37	2992.30	TOC	83.00	98.00	87.52				2904.78
8/2/2000	2989.37	2992.30	TOC	83.00	98.00	87.65				2904.65
11/24/2000	2989.37	2992.30	TOC	83.00	98.00	87.87				2904.43

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/14/2001	2989.37	2992.30	TOC	83.00	98.00	88.32				2903.98
3/16/2001	2989.37	2992.30	TOC	83.00	98.00	91.40				2900.90
4/19/2001	2989.37	2992.30	TOC	83.00	98.00	91.35				2900.95
5/23/2001	2989.37	2992.30	TOC	83.00	98.00	88.52				2903.78
9/29/2001	2989.37	2992.30	TOC	83.00	98.00	88.57				2903.73
12/20/2001	2989.37	2992.30	TOC	83.00	98.00	91.80				2900.50
3/27/2002	2989.37	2992.30	TOC	83.00	98.00	89.17				2903.13
6/26/2002	2989.37	2992.30	TOC	83.00	98.00	89.37				2902.93
9/25/2002	2989.37	2992.30	TOC	83.00	98.00	89.82				2902.48
12/28/2002	2989.37	2992.30	TOC	83.00	98.00	90.07				2902.23
3/22/2003	2989.37	2992.30	TOC	83.00	98.00	90.47				2901.83
6/18/2003	2989.37	2992.30	TOC	83.00	98.00	90.47				2901.83
9/22/2003	2989.37	2992.30	TOC	83.00	98.00	89.57				2902.73
12/22/2003	2989.37	2992.30	TOC	83.00	98.00	90.82				2901.48
3/17/2004	2989.37	2992.30	TOC	83.00	98.00	90.82				2901.48
6/26/2004	2989.37	2992.30	TOC	83.00	98.00	90.97				2901.33
12/19/2004	2989.37	2992.30	TOC	83.00	98.00	93.25				2899.05
1/19/2005	2989.37	2992.30	TOC	83.00	98.00	93.00				2899.30
1/25/2005	2989.37	2992.30	TOC	83.00	98.00	92.75				2899.55
1/26/2005	2989.37	2992.30	TOC	83.00	98.00	92.80				2899.50
2/7/2005	2989.37	2992.30	TOC	83.00	98.00	92.70				2899.60
2/16/2005	2989.37	2992.30	TOC	83.00	98.00	92.75				2899.55
3/16/2005	2989.37	2992.30	TOC	83.00	98.00	92.45				2899.85
5/11/2005	2989.37	2992.30	TOC	83.00	98.00	92.15				2900.15
6/26/2005	2989.37	2992.30	TOC	83.00	98.00	92.00				2900.30
9/8/2005	2989.37	2992.30	TOC	83.00	98.00	91.65				2900.65
9/19/2005	2989.37	2992.30	TOC	83.00	98.00	91.55				2900.75
10/17/2005	2989.37	2992.30	TOC	83.00	98.00	91.31				2900.99
12/2/2005	2989.37	2992.30	TOC	83.00	98.00	91.18				2901.12
1/10/2006	2989.37	2992.30	TOC	83.00	98.00	91.35				2900.95
3/3/2006	2989.37	2992.30	TOC	83.00	98.00	91.35				2900.95
4/12/2006	2989.37	2992.30	TOC	83.00	98.00	91.45				2900.85
5/30/2006	2989.37	2992.30	TOC	83.00	98.00	91.35				2900.95
6/3/2006	2989.37	2992.30	TOC	83.00	98.00	91.30				2901.00
9/8/2006	2989.37	2992.30	TOC	83.00	98.00	91.45				2900.85
11/7/2006	2989.37	2992.30	TOC	83.00	98.00	91.55				2900.75
2/23/2007	2989.37	2992.30	TOC	83.00	98.00	91.57				2900.73
5/21/2007	2989.37	2992.30	TOC	83.00	98.00	91.60				2900.70
8/21/2007	2989.37	2992.30	TOC	83.00	98.00	91.27				2901.03
11/3/2007	2989.37	2992.30	2987.37	83.00	98.00	90.70				2901.60
2/27/2008	2989.37	2992.30	TOC	83.00	98.00	90.06				2902.24

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
6/13/2008	2989.37	2992.30	TOC	83.00	98.00	89.80				2902.50
7/4/2008	2989.37	2992.30	TOC	83.00	98.00	89.87				2902.43
7/24/2008	2989.37	2992.30	TOC	83.00	98.00	89.81				2902.49
8/25/2008	2989.37	2992.30	TOC	83.00	98.00	89.82				2902.48
12/6/2008	2989.37	2992.30	TOC	83.00	98.00	89.95				2902.35
3/12/2009	2989.37	2992.30	TOC	83.00	98.00	89.95				2902.35
6/29/2009	2989.37	2992.30	TOC	83.00	98.00	90.05				2902.25
9/17/2009	2989.37	2992.30	TOC	83.00	98.00	90.35				2901.95
12/20/2009	2989.37	2992.30	TOC	83.00	98.00	90.52				2901.78
2/20/2010	2989.37	2992.30	TOC	83.00	98.00	90.65				2901.65
6/28/2010	2989.37	2992.30	TOC	83.00	98.00	90.92				2901.38
10/23/2010	2989.37	2992.30	TOC	83.00	98.00	91.18				2901.12
3/18/2011	2989.37	2992.30	TOC	83.00	98.00	91.51				2900.79
6/18/2011	2989.37	2992.30	TOC	83.00	98.00	91.60				2900.70
12/31/2011	2989.37	2992.30	TOC	83.00	98.00	91.93				2900.37
3/31/2012	2989.37	2992.30	TOC	83.00	98.00	92.16				2900.14

**MW-12**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/4/1999	2987.79	2990.99	TOC	81.00	96.00	86.52				2904.47
2/22/1999	2987.79	2990.99	TOC	81.00	96.00	86.26				2904.73
3/11/1999	2987.79	2990.99	TOC	81.00	96.00	86.38				2904.61
4/7/1999	2987.79	2990.99	TOC	81.00	96.00	86.46				2904.53
5/3/1999	2987.79	2990.99	TOC	81.00	96.00	86.36				2904.63
6/8/1999	2987.79	2990.99	TOC	81.00	96.00	86.55				2904.44
6/22/1999	2987.79	2990.99	TOC	81.00	96.00	86.55				2904.44
7/6/1999	2987.79	2990.99	TOC	81.00	96.00	86.60				2904.39
8/14/1999	2987.79	2990.99	TOC	81.00	96.00	86.70				2904.29
9/16/1999	2987.79	2990.99	TOC	81.00	96.00	86.71				2904.28
10/19/1999	2987.79	2990.99	TOC	81.00	96.00	86.72				2904.27
2/7/2000	2987.79	2990.99	TOC	81.00	96.00	86.80				2904.19
8/2/2000	2987.79	2990.99	TOC	81.00	96.00	87.08				2903.91
11/24/2000	2987.79	2990.99	TOC	81.00	96.00	88.45	86.90	1.55	0.830	2903.83
2/14/2001	2987.79	2990.99	TOC	81.00	96.00	90.80	86.90	3.90	0.830	2903.43
3/16/2001	2987.79	2990.99	TOC	81.00	96.00	94.35	90.25	4.10	0.830	2900.04
4/19/2001	2987.79	2990.99	TOC	81.00	96.00	94.45	90.10	4.35	0.830	2900.15
5/23/2001	2987.79	2990.99	TOC	81.00	96.00	91.65	86.95	4.70	0.830	2903.24
9/29/2001	2987.79	2990.99	TOC	81.00	96.00	93.00	87.20	5.80	0.830	2902.80
12/20/2001	2987.79	2990.99	TOC	81.00	96.00	96.30	90.55	5.75	0.830	2899.46
3/27/2002	2987.79	2990.99	TOC	81.00	96.00	92.95	87.70	5.25	0.830	2902.40

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
6/26/2002	2987.79	2990.99	TOC	81.00	96.00	92.40	87.70	4.70	0.830	2902.49
9/25/2002	2987.79	2990.99	TOC	81.00	96.00	92.90	88.10	4.80	0.830	2902.07
12/28/2002	2987.79	2990.99	TOC	81.00	96.00	92.65	88.40	4.25	0.830	2901.87
3/22/2003	2987.79	2990.99	TOC	81.00	96.00	92.90	88.90	4.00	0.830	2901.41
6/18/2003	2987.79	2990.99	TOC	81.00	96.00	92.90	88.90	4.00	0.830	2901.41
9/22/2003	2987.79	2990.99	TOC	81.00	96.00	91.50	89.05	2.45	0.830	2901.52
12/22/2003	2987.79	2990.99	TOC	81.00	96.00	92.20	89.15	3.05	0.830	2901.32
6/26/2004	2987.79	2990.99	TOC	81.00	96.00	90.10	89.95	0.15	0.830	2901.01
12/19/2004	2987.79	2990.99	TOC	81.00	96.00	93.30	92.80	0.50	0.830	2898.10
1/19/2005	2987.79	2990.99	TOC	81.00	96.00	93.15	92.65	0.50	0.830	2898.25
1/25/2005	2987.79	2990.99	TOC	81.00	96.00	92.95	92.40	0.55	0.830	2898.50
1/26/2005	2987.79	2990.99	TOC	81.00	96.00	92.90	92.45	0.45	0.830	2898.46
2/7/2005	2987.79	2990.99	TOC	81.00	96.00	92.80	92.30	0.50	0.830	2898.60
2/16/2005	2987.79	2990.99	TOC	81.00	96.00	92.90	92.45	0.45	0.830	2898.46
3/16/2005	2987.79	2990.99	TOC	81.00	96.00	92.65	92.08	0.57	0.830	2898.81
5/11/2005	2987.79	2990.99	TOC	81.00	96.00	92.25	91.85	0.40	0.830	2899.07
6/9/2005	2987.79	2990.99	TOC	81.00	96.00	92.10	91.70	0.40	0.830	2899.22
9/8/2005	2987.79	2990.99	TOC	81.00	96.00	91.40	91.25	0.15	0.830	2899.71
10/2/2005	2987.79	2990.99	TOC	81.00	96.00	91.05	90.90	0.15	0.830	2900.06
10/14/2005	2987.79	2990.99	TOC	81.00	96.00	91.20	91.00	0.20	0.830	2899.96
10/17/2005	2987.79	2990.99	TOC	81.00	96.00	91.05	90.94	0.11	0.830	2900.03
10/24/2005	2987.79	2990.99	TOC	81.00	96.00	91.15	91.00	0.15	0.830	2899.96
12/2/2005	2987.79	2990.99	TOC	81.00	96.00	90.90	90.80	0.10	0.830	2900.17
6/17/2008	2987.79	2990.99	TOC	81.00	96.00	89.75	89.75		0.830	2901.24
7/4/2008	2987.79	2990.99	TOC	81.00	96.00	89.70	89.70		0.830	2901.29
7/24/2008	2987.79	2990.99	TOC	81.00	96.00	89.64	89.64		0.830	2901.35
8/26/2008	2987.79	2990.99	TOC	81.00	96.00	89.45	89.45		0.830	2901.54
12/8/2008	2987.79	2990.99	TOC	81.00	96.00	89.60	89.47	0.13	0.830	2901.50
3/14/2009	2987.79	2990.99	TOC	81.00	96.00	89.57	89.45	0.12	0.830	2901.52
6/29/2009	2987.79	2990.99	TOC	81.00	96.00	89.70	89.55	0.15	0.830	2901.41
9/17/2009	2987.79	2990.99	TOC	81.00	96.00	90.05	89.86	0.19	0.830	2901.10
12/20/2009	2987.79	2990.99	TOC	81.00	96.00	90.30	89.97	0.33	0.830	2900.96
2/24/2010	2987.79	2990.99	TOC	81.00	96.00	90.40	90.07	0.33	0.830	2900.86
6/28/2010	2987.79	2990.99	TOC	81.00	96.00	90.32	90.30	0.02	0.830	2900.69
10/23/2010	2987.79	2990.99	TOC	81.00	96.00	91.05	90.52	0.53	0.830	2900.38
1/10/2011	2987.79	2990.99	TOC	81.00	96.00	89.35	89.08	0.27	0.830	2901.86
1/19/2011	2987.79	2990.99	TOC	81.00	96.00	90.80	90.71	0.09	0.830	2900.26
3/18/2011	2987.79	2990.99	TOC	81.00	96.00	91.00	90.91	0.09	0.830	2900.06
6/18/2011	2987.79	2990.99	TOC	81.00	96.00	91.37	91.33	0.04	0.830	2899.65
12/31/2011	2987.79	2990.99	TOC	81.00	96.00	91.65	91.58	0.07	0.830	2899.40
3/31/2012	2987.79	2990.99	TOC	81.00	96.00	91.90	91.79	0.11	0.830	2899.18

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/19/1999	2989.79	2992.97	TOC	85.65	100.65	88.28				2904.69
2/7/2000	2989.79	2992.97	TOC	85.65	100.65	88.42				2904.55
8/2/2000	2989.79	2992.97	TOC	85.65	100.65	88.62				2904.35
11/24/2000	2989.79	2992.97	TOC	85.65	100.65	88.67				2904.30
2/14/2001	2989.79	2992.97	TOC	85.65	100.65	88.92				2904.05
3/16/2001	2989.79	2992.97	TOC	85.65	100.65	92.25				2900.72
4/19/2001	2989.79	2992.97	TOC	85.65	100.65	92.20				2900.77
5/23/2001	2989.79	2992.97	TOC	85.65	100.65	89.17				2903.80
9/29/2001	2989.79	2992.97	TOC	85.65	100.65	89.52				2903.45
12/20/2001	2989.79	2992.97	TOC	85.65	100.65	92.80				2900.17
3/27/2002	2989.79	2992.97	TOC	85.65	100.65	89.82				2903.15
6/26/2002	2989.79	2992.97	TOC	85.65	100.65	90.02				2902.95
9/25/2002	2989.79	2992.97	TOC	85.65	100.65	90.02				2902.95
12/28/2002	2989.79	2992.97	TOC	85.65	100.65	90.32				2902.65
3/22/2003	2989.79	2992.97	TOC	85.65	100.65	90.57				2902.40
6/18/2003	2989.79	2992.97	TOC	85.65	100.65	90.72				2902.25
9/22/2003	2989.79	2992.97	TOC	85.65	100.65	90.92				2902.05
12/22/2003	2989.79	2992.97	TOC	85.65	100.65	91.12				2901.85
3/17/2004	2989.79	2992.97	TOC	85.65	100.65	91.17				2901.80
6/26/2004	2989.79	2992.97	TOC	85.65	100.65	91.32				2901.65
12/19/2004	2989.79	2992.97	TOC	85.65	100.65	93.70				2899.27
1/19/2005	2989.79	2992.97	TOC	85.65	100.65	93.40				2899.57
1/25/2005	2989.79	2992.97	TOC	85.65	100.65	93.20				2899.77
1/26/2005	2989.79	2992.97	TOC	85.65	100.65	93.25				2899.72
2/7/2005	2989.79	2992.97	TOC	85.65	100.65	93.15				2899.82
2/16/2005	2989.79	2992.97	TOC	85.65	100.65	93.10				2899.87
3/16/2005	2989.79	2992.97	TOC	85.65	100.65	92.80				2900.17
5/11/2005	2989.79	2992.97	TOC	85.65	100.65	92.60				2900.37
6/26/2005	2989.79	2992.97	TOC	85.65	100.65	92.35				2900.62
9/8/2005	2989.79	2992.97	TOC	85.65	100.65	92.10				2900.87
9/19/2005	2989.79	2992.97	TOC	85.65	100.65	92.10				2900.87
10/17/2005	2989.79	2992.97	TOC	85.65	100.65	92.08				2900.89
12/2/2005	2989.79	2992.97	TOC	85.65	100.65	92.15				2900.82
1/10/2006	2989.79	2992.97	TOC	85.65	100.65	92.15				2900.82
3/3/2006	2989.79	2992.97	TOC	85.65	100.65	92.15				2900.82
4/12/2006	2989.79	2992.97	TOC	85.65	100.65	92.10				2900.87
5/30/2006	2989.79	2992.97	TOC	85.65	100.65	92.08				2900.89
6/3/2006	2989.79	2992.97	TOC	85.65	100.65	92.10				2900.87
9/8/2006	2989.79	2992.97	TOC	85.65	100.65	92.18				2900.79
11/7/2006	2989.79	2992.97	TOC	85.65	100.65	92.25				2900.72
2/23/2007	2989.79	2992.97	TOC	85.65	100.65	92.20				2900.77

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
5/21/2007	2989.79	2992.97	TOC	85.65	100.65	92.35				2900.62
8/21/2007	2989.79	2992.97	TOC	85.65	100.65	92.18				2900.79
11/4/2007	2989.79	2992.97	2989.79	85.65	100.65	91.60				2901.37
2/27/2008	2989.79	2992.97	TOC	85.65	100.65	90.95				2902.02
6/14/2008	2989.79	2992.97	TOC	85.65	100.65	90.75				2902.22
7/4/2008	2989.79	2992.97	TOC	85.65	100.65	90.72				2902.25
7/24/2008	2989.79	2992.97	TOC	85.65	100.65	90.75				2902.22
8/25/2008	2989.79	2992.97	TOC	85.65	100.65	90.71				2902.26
12/6/2008	2989.79	2992.97	TOC	85.65	100.65	90.85				2902.12
3/12/2009	2989.79	2992.97	TOC	85.65	100.65	90.88				2902.09
6/29/2009	2989.79	2992.97	TOC	85.65	100.65	90.97				2902.00
9/17/2009	2989.79	2992.97	TOC	85.65	100.65	91.25				2901.72
12/20/2009	2989.79	2992.97	TOC	85.65	100.65	91.47				2901.50
2/20/2010	2989.79	2992.97	TOC	85.65	100.65	91.48				2901.49
6/28/2010	2989.79	2992.97	TOC	85.65	100.65	91.83				2901.14
10/23/2010	2989.79	2992.97	TOC	85.65	100.65	92.10				2900.87
3/18/2011	2989.79	2992.97	TOC	85.65	100.65	92.37				2900.60
6/18/2011	2989.79	2992.97	TOC	85.65	100.65	92.45				2900.52
12/31/2011	2989.79	2992.97	TOC	85.65	100.65	92.75				2900.22
3/31/2012	2989.79	2992.97	TOC	85.65	100.65	92.92				2900.05

**MW-14**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/19/1999	2986.02	2989.12	TOC	86.20	101.20	85.04				2904.08
2/7/2000	2986.02	2989.12	TOC	86.20	101.20	85.25				2903.87
8/2/2000	2986.02	2989.12	TOC	86.20	101.20	86.95	85.25	1.70	0.830	2903.58
11/24/2000	2986.02	2989.12	TOC	86.20	101.20	88.60	85.00	3.60	0.830	2903.51
2/14/2001	2986.02	2989.12	TOC	86.20	101.20	89.95	85.25	4.70	0.830	2903.07
3/29/2001	2986.02	2989.12	TOC	86.20	101.20	88.76	88.75	0.01	0.830	2900.37
5/23/2001	2986.02	2989.12	TOC	86.20	101.20	86.30	85.95	0.35	0.830	2903.11
9/29/2001	2986.02	2989.12	TOC	86.20	101.20	87.45	86.05	1.40	0.830	2902.83
12/20/2001	2986.02	2989.12	TOC	86.20	101.20	89.08	89.05	0.03	0.830	2900.06
3/27/2002	2986.02	2989.12	TOC	86.20	101.20	87.80	86.35	1.45	0.830	2902.52
12/28/2002	2986.02	2989.12	TOC	86.20	101.20	89.20	86.90	2.30	0.830	2901.83
3/22/2003	2986.02	2989.12	TOC	86.20	101.20	92.00	87.00	5.00	0.830	2901.27
6/18/2003	2986.02	2989.12	TOC	86.20	101.20	89.20	87.30	1.90	0.830	2901.50
9/22/2003	2986.02	2989.12	TOC	86.20	101.20	91.40	87.15	4.25	0.830	2901.25
12/22/2003	2986.02	2989.12	TOC	86.20	101.20	91.90	87.55	4.35	0.830	2900.83
6/26/2004	2986.02	2989.12	TOC	86.20	101.20	91.75	87.80	3.95	0.830	2900.65
1/19/2005	2986.02	2989.12	TOC	86.20	101.20	92.00	90.85	1.15	0.830	2898.07



**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/2/2005	2986.02	2989.12	TOC	86.20	101.20	89.65				2899.47
10/14/2005	2986.02	2989.12	TOC	86.20	101.20	89.55				2899.57
10/17/2005	2986.02	2989.12	TOC	86.20	101.20	89.50				2899.62
10/24/2005	2986.02	2989.12	TOC	86.20	101.20	89.52				2899.60
12/2/2005	2986.02	2989.12	TOC	86.20	101.20	89.30				2899.82
1/10/2006	2986.02	2989.12	TOC	86.20	101.20	89.60				2899.52
3/3/2006	2986.02	2989.12	TOC	86.20	101.20	89.55				2899.57
11/8/2006	2986.02	2989.12	TOC	86.20	101.20	89.20				2899.92
6/17/2008	2986.02	2989.12	TOC	86.20	101.20	88.43	88.40	0.03	0.830	2900.72
7/4/2008	2986.02	2989.12	TOC	86.20	101.20	88.43	88.41	0.02	0.830	2900.71
7/24/2008	2986.02	2989.12	TOC	86.20	101.20	88.31	88.25	0.06	0.830	2900.86
8/26/2008	2986.02	2989.12	TOC	86.20	101.20	87.98	87.87	0.11	0.830	2901.23
12/8/2008	2986.02	2989.12	TOC	86.20	101.20	88.18	87.86	0.32	0.830	2901.21
3/14/2009	2986.02	2989.12	TOC	86.20	101.20	88.15	87.84	0.31	0.830	2901.23
6/29/2009	2986.02	2989.12	TOC	86.20	101.20	88.10	87.87	0.23	0.830	2901.21
9/17/2009	2986.02	2989.12	TOC	86.20	101.20	88.92	88.15	0.77	0.830	2900.84
12/20/2009	2986.02	2989.12	TOC	86.20	101.20	88.95	88.58	0.37	0.830	2900.48
2/24/2010	2986.02	2989.12	TOC	86.20	101.20	89.27	88.33	0.94	0.830	2900.63
6/28/2010	2986.02	2989.12	TOC	86.20	101.20	89.15	88.65	0.50	0.830	2900.39
10/23/2010	2986.02	2989.12	TOC	86.20	101.20	89.27	88.85	0.42	0.830	2900.20
1/10/2011	2986.02	2989.12	TOC	86.20	101.20	90.90	90.80	0.10	0.830	2898.30
1/19/2011	2986.02	2989.12	TOC	86.20	101.20	89.26	88.94	0.32	0.830	2900.13
3/18/2011	2986.02	2989.12	TOC	86.20	101.20	89.32	89.11	0.21	0.830	2899.97
6/18/2011	2986.02	2989.12	TOC	86.20	101.20	90.39	89.73	0.66	0.830	2899.28
12/31/2011	2986.02	2989.12	TOC	86.20	101.20	91.47	89.91	1.56	0.830	2898.94
3/31/2012	2986.02	2989.12	TOC	86.20	101.20	91.98	90.00	1.98	0.830	2898.78

**MW-15**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/19/1999	2986.45	2989.64	TOC	85.98	100.98	85.32				2904.32
2/7/2000	2986.45	2989.64	TOC	85.98	100.98	85.01				2904.63
8/2/2000	2986.45	2989.64	TOC	85.98	100.98	85.30				2904.34
11/24/2000	2986.45	2989.64	TOC	85.98	100.98	85.36				2904.28
2/14/2001	2986.45	2989.64	TOC	85.98	100.98	85.81				2903.83
3/16/2001	2986.45	2989.64	TOC	85.98	100.98	89.15				2900.49
4/19/2001	2986.45	2989.64	TOC	85.98	100.98	89.05				2900.59
5/23/2001	2986.45	2989.64	TOC	85.98	100.98	85.91				2903.73
9/29/2001	2986.45	2989.64	TOC	85.98	100.98	86.21				2903.43
12/20/2001	2986.45	2989.64	TOC	85.98	100.98	89.50				2900.14
3/27/2002	2986.45	2989.64	TOC	85.98	100.98	86.66				2902.98

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
6/26/2002	2986.45	2989.64	TOC	85.98	100.98	86.81				2902.83
9/25/2002	2986.45	2989.64	TOC	85.98	100.98	87.21				2902.43
12/28/2002	2986.45	2989.64	TOC	85.98	100.98	87.51				2902.13
3/22/2003	2986.45	2989.64	TOC	85.98	100.98	87.91				2901.73
6/18/2003	2986.45	2989.64	TOC	85.98	100.98	87.81				2901.83
9/22/2003	2986.45	2989.64	TOC	85.98	100.98	87.91				2901.73
12/22/2003	2986.45	2989.64	TOC	85.98	100.98	88.16				2901.48
3/17/2004	2986.45	2989.64	TOC	85.98	100.98	88.06				2901.58
6/26/2004	2986.45	2989.64	TOC	85.98	100.98	88.34				2901.30
12/19/2004	2986.45	2989.64	TOC	85.98	100.98	91.00				2898.64
1/19/2005	2986.45	2989.64	TOC	85.98	100.98	90.80				2898.84
1/25/2005	2986.45	2989.64	TOC	85.98	100.98	90.50				2899.14
1/26/2005	2986.45	2989.64	TOC	85.98	100.98	90.55				2899.09
2/7/2005	2986.45	2989.64	TOC	85.98	100.98	90.45				2899.19
2/16/2005	2986.45	2989.64	TOC	85.98	100.98	90.50				2899.14
3/16/2005	2986.45	2989.64	TOC	85.98	100.98	90.20				2899.44
5/11/2005	2986.45	2989.64	TOC	85.98	100.98	89.95				2899.69
6/26/2005	2986.45	2989.64	TOC	85.98	100.98	89.80				2899.84
9/8/2005	2986.45	2989.64	TOC	85.98	100.98	89.50				2900.14
10/17/2005	2986.45	2989.64	TOC	85.98	100.98	89.15				2900.49
12/2/2005	2986.45	2989.64	TOC	85.98	100.98	89.00				2900.64
1/10/2006	2986.45	2989.64	TOC	85.98	100.98	89.05				2900.59
3/3/2006	2986.45	2989.64	TOC	85.98	100.98	89.10				2900.54
4/12/2006	2986.45	2989.64	TOC	85.98	100.98	89.24				2900.40
5/30/2006	2986.45	2989.64	TOC	85.98	100.98	89.10				2900.54
6/3/2006	2986.45	2989.64	TOC	85.98	100.98	89.08				2900.56
9/8/2006	2986.45	2989.64	TOC	85.98	100.98	89.22				2900.42
11/7/2006	2986.45	2989.64	TOC	85.98	100.98	89.28				2900.36
2/23/2007	2986.45	2989.64	TOC	85.98	100.98	89.30				2900.34
5/21/2007	2986.45	2989.64	TOC	85.98	100.98	89.35				2900.29
8/21/2007	2986.45	2989.64	TOC	85.98	100.98	88.95				2900.69
11/4/2007	2986.45	2989.64	2986.45	85.98	100.98	88.35				2901.29
2/27/2008	2986.45	2989.64	TOC	85.98	100.98	87.70				2901.94
6/14/2008	2986.45	2989.64	TOC	85.98	100.98	87.71				2901.93
7/4/2008	2986.45	2989.64	TOC	85.98	100.98	87.68				2901.96
7/24/2008	2986.45	2989.64	TOC	85.98	100.98	87.64				2902.00
8/25/2008	2986.45	2989.64	TOC	85.98	100.98	87.52				2902.12
12/6/2008	2986.45	2989.64	TOC	85.98	100.98	87.70				2901.94
3/12/2009	2986.45	2989.64	TOC	85.98	100.98	87.80				2901.84
6/29/2009	2986.45	2989.64	TOC	85.98	100.98	87.74				2901.90
9/17/2009	2986.45	2989.64	TOC	85.98	100.98	88.03				2901.61

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
12/20/2009	2986.45	2989.64	TOC	85.98	100.98	88.20				2901.44
2/20/2010	2986.45	2989.64	TOC	85.98	100.98	88.25				2901.39
6/28/2010	2986.45	2989.64	TOC	85.98	100.98	88.61				2901.03
10/23/2010	2986.45	2989.64	TOC	85.98	100.98	88.77				2900.87
3/18/2011	2986.45	2989.64	TOC	85.98	100.98	89.92				2899.72
6/18/2011	2986.45	2989.64	TOC	85.98	100.98	89.23				2900.41
12/31/2011	2986.45	2989.64	TOC	85.98	100.98	89.58				2900.06
3/31/2012	2986.45	2989.64	TOC	85.98	100.98	89.77				2899.87

**MW-16**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
3/27/2002	2985.80	2988.71	TOC	78.50	98.50	87.29				2901.42
6/26/2002	2985.80	2988.71	TOC	78.50	98.50	87.34				2901.37
9/25/2002	2985.80	2988.71	TOC	78.50	98.50	87.59				2901.12
12/28/2002	2985.80	2988.71	TOC	78.50	98.50	87.79				2900.92
3/22/2003	2985.80	2988.71	TOC	78.50	98.50	88.29				2900.42
6/18/2003	2985.80	2988.71	TOC	78.50	98.50	88.24				2900.47
9/22/2003	2985.80	2988.71	TOC	78.50	98.50	88.29				2900.42
12/22/2003	2985.80	2988.71	TOC	78.50	98.50	88.39				2900.32
3/17/2004	2985.80	2988.71	TOC	78.50	98.50	88.49				2900.22
6/26/2004	2985.80	2988.71	TOC	78.50	98.50	88.79				2899.92
12/19/2004	2985.80	2988.71	TOC	78.50	98.50	91.35				2897.36
1/19/2005	2985.80	2988.71	TOC	78.50	98.50	91.20				2897.51
1/25/2005	2985.80	2988.71	TOC	78.50	98.50	90.95				2897.76
1/26/2005	2985.80	2988.71	TOC	78.50	98.50	91.02				2897.69
2/7/2005	2985.80	2988.71	TOC	78.50	98.50	90.95				2897.76
2/16/2005	2985.80	2988.71	TOC	78.50	98.50	91.05				2897.66
3/16/2005	2985.80	2988.71	TOC	78.50	98.50	90.90				2897.81
5/11/2005	2985.80	2988.71	TOC	78.50	98.50	90.50				2898.21
6/26/2005	2985.80	2988.71	TOC	78.50	98.50	90.45				2898.26
9/8/2005	2985.80	2988.71	TOC	78.50	98.50	90.25				2898.46
9/19/2005	2985.80	2988.71	TOC	78.50	98.50	90.20				2898.51
10/17/2005	2985.80	2988.71	TOC	78.50	98.50	90.01				2898.70
12/2/2005	2985.80	2988.71	TOC	78.50	98.50	90.00				2898.71
1/10/2006	2985.80	2988.71	TOC	78.50	98.50	90.00				2898.71
3/3/2006	2985.80	2988.71	TOC	78.50	98.50	89.85				2898.86
4/12/2006	2985.80	2988.71	TOC	78.50	98.50	89.98				2898.73
5/30/2006	2985.80	2988.71	TOC	78.50	98.50	89.87				2898.84
6/26/2006	2985.80	2988.71	TOC	78.50	98.50	89.87				2898.84
9/7/2006	2985.80	2988.71	TOC	78.50	98.50	89.80				2898.91

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
11/4/2006	2985.80	2988.71	TOC	78.50	98.50	89.90				2898.81
2/26/2007	2985.80	2988.71	TOC	78.50	98.50	89.85				2898.86
5/23/2007	2985.80	2988.71	TOC	78.50	98.50	90.00				2898.71
8/21/2007	2985.80	2988.71	TOC	78.50	98.50	89.75				2898.96
11/3/2007	2985.80	2988.71	2985.8	78.50	98.50	89.50				2899.21
2/25/2008	2985.80	2988.71	TOC	78.50	98.50	88.81				2899.90
6/14/2008	2985.80	2988.71	TOC	78.50	98.50	88.64				2900.07
7/4/2008	2985.80	2988.71	TOC	78.50	98.50	88.67				2900.04
7/24/2008	2985.80	2988.71	TOC	78.50	98.50	88.61				2900.10
8/26/2008	2985.80	2988.71	TOC	78.50	98.50	88.51				2900.20
12/8/2008	2985.80	2988.71	TOC	78.50	98.50	88.45				2900.26
3/12/2009	2985.80	2988.71	TOC	78.50	98.50	88.40				2900.31
6/29/2009	2985.80	2988.71	TOC	78.50	98.50	88.38				2900.33
9/17/2009	2985.80	2988.71	TOC	78.50	98.50	88.65				2900.06
12/20/2009	2985.80	2988.71	TOC	78.50	98.50	88.72				2899.99
2/20/2010	2985.80	2988.71	TOC	78.50	98.50	88.63				2900.08
6/28/2010	2985.80	2988.71	TOC	78.50	98.50	89.00				2899.71
10/23/2010	2985.80	2988.71	TOC	78.50	98.50	89.26				2899.45
3/18/2011	2985.80	2988.71	TOC	78.50	98.50	89.45				2899.26
6/18/2011	2985.80	2988.71	TOC	78.50	98.50	89.65				2899.06
12/31/2011	2985.80	2988.71	TOC	78.50	98.50	89.88				2898.83
3/31/2012	2985.80	2988.71	TOC	78.50	98.50	90.08				2898.63

**MW-17**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
3/27/2002	2985.09	2987.77	TOC	80.00	100.00	86.82				2900.95
6/26/2002	2985.09	2987.77	TOC	80.00	100.00	86.72				2901.05
9/25/2002	2985.09	2987.77	TOC	80.00	100.00	87.12				2900.65
12/28/2002	2985.09	2987.77	TOC	80.00	100.00	87.32				2900.45
3/22/2003	2985.09	2987.77	TOC	80.00	100.00	88.72				2899.05
6/18/2003	2985.09	2987.77	TOC	80.00	100.00	87.67				2900.10
9/22/2003	2985.09	2987.77	TOC	80.00	100.00	87.67				2900.10
12/22/2003	2985.09	2987.77	TOC	80.00	100.00	87.82				2899.95
3/17/2004	2985.09	2987.77	TOC	80.00	100.00	89.02				2898.75
6/26/2004	2985.09	2987.77	TOC	80.00	100.00	88.27				2899.50
12/19/2004	2985.09	2987.77	TOC	80.00	100.00	91.70				2896.07
1/19/2005	2985.09	2987.77	TOC	80.00	100.00	91.70				2896.07
1/25/2005	2985.09	2987.77	TOC	80.00	100.00	90.40				2897.37
1/26/2005	2985.09	2987.77	TOC	80.00	100.00	90.42				2897.35
2/7/2005	2985.09	2987.77	TOC	80.00	100.00	90.30				2897.47

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/16/2005	2985.09	2987.77	TOC	80.00	100.00	90.50				2897.27
3/16/2005	2985.09	2987.77	TOC	80.00	100.00	90.35				2897.42
5/11/2005	2985.09	2987.77	TOC	80.00	100.00	89.95				2897.82
6/26/2005	2985.09	2987.77	TOC	80.00	100.00	89.85				2897.92
9/8/2005	2985.09	2987.77	TOC	80.00	100.00	89.60				2898.17
9/19/2005	2985.09	2987.77	TOC	80.00	100.00	89.60				2898.17
10/17/2005	2985.09	2987.77	TOC	80.00	100.00	89.44				2898.33
12/2/2005	2985.09	2987.77	TOC	80.00	100.00	89.35				2898.42
1/10/2006	2985.09	2987.77	TOC	80.00	100.00	89.40				2898.37
3/3/2006	2985.09	2987.77	TOC	80.00	100.00	89.25				2898.52
4/12/2006	2985.09	2987.77	TOC	80.00	100.00	89.37				2898.40
5/30/2006	2985.09	2987.77	TOC	80.00	100.00	89.28				2898.49
6/26/2006	2985.09	2987.77	TOC	80.00	100.00	89.30				2898.47
9/7/2006	2985.09	2987.77	TOC	80.00	100.00	89.15				2898.62
11/4/2006	2985.09	2987.77	TOC	80.00	100.00	89.26				2898.51
2/26/2007	2985.09	2987.77	TOC	80.00	100.00	89.25				2898.52
5/23/2007	2985.09	2987.77	TOC	80.00	100.00	89.35				2898.42
8/21/2007	2985.09	2987.77	TOC	80.00	100.00	89.20				2898.57
11/3/2007	2985.09	2987.77	2985.09	80.00	100.00	89.12				2898.65
2/25/2008	2985.09	2987.77	TOC	80.00	100.00	88.50				2899.27
6/14/2008	2985.09	2987.77	TOC	80.00	100.00	88.25				2899.52
7/4/2008	2985.09	2987.77	TOC	80.00	100.00	88.20				2899.57
7/24/2008	2985.09	2987.77	TOC	80.00	100.00	88.16				2899.61
8/26/2008	2985.09	2987.77	TOC	80.00	100.00	88.05				2899.72
12/7/2008	2985.09	2987.77	TOC	80.00	100.00	87.90				2899.87
3/12/2009	2985.09	2987.77	TOC	80.00	100.00	87.94				2899.83
6/29/2009	2985.09	2987.77	TOC	80.00	100.00	87.90				2899.87
9/17/2009	2985.09	2987.77	TOC	80.00	100.00	88.10				2899.67
12/20/2009	2985.09	2987.77	TOC	80.00	100.00	88.17				2899.60
2/21/2010	2985.09	2987.77	TOC	80.00	100.00	88.28				2899.49
6/28/2010	2985.09	2987.77	TOC	80.00	100.00	88.38				2899.39
10/23/2010	2985.09	2987.77	TOC	80.00	100.00	88.62				2899.15
3/18/2011	2985.09	2987.77	TOC	80.00	100.00	88.95				2898.82
6/18/2011	2985.09	2987.77	TOC	80.00	100.00	88.98				2898.79
12/31/2011	2985.09	2987.77	TOC	80.00	100.00	89.17				2898.60
3/31/2012	2985.09	2987.77	TOC	80.00	100.00	89.36				2898.41

**MW-18**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
3/27/2002	2987.16	2989.68	TOC	75.00	95.00	93.38	86.48	6.90	0.830	2902.03

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
6/26/2002	2987.16	2989.68	TOC	75.00	95.00	93.98	86.48	7.50	0.830	2901.93
9/25/2002	2987.16	2989.68	TOC	75.00	95.00	94.23	87.23	7.00	0.830	2901.26
12/28/2002	2987.16	2989.68	TOC	75.00	95.00	88.80	88.78	0.02	0.830	2900.90
9/22/2003	2987.16	2989.68	TOC	75.00	95.00	92.58	87.93	4.65	0.830	2900.96
12/22/2003	2987.16	2989.68	TOC	75.00	95.00	89.38	89.33	0.05	0.830	2900.34
6/26/2004	2987.16	2989.68	TOC	75.00	95.00	88.73	88.71	0.02	0.830	2900.97
6/9/2005	2987.16	2989.68	TOC	75.00	95.00	89.60	89.60		0.830	2900.08
9/8/2005	2987.16	2989.68	TOC	75.00	95.00	89.33	89.32	0.01	0.830	2900.36
9/27/2005	2987.16	2989.68	TOC	75.00	95.00	89.10	89.10		0.830	2900.58
10/2/2005	2987.16	2989.68	TOC	75.00	95.00	89.05				2900.63
10/14/2005	2987.16	2989.68	TOC	75.00	95.00	89.15				2900.53
10/17/2005	2987.16	2989.68	TOC	75.00	95.00	89.06	89.05	0.01	0.830	2900.63
10/24/2005	2987.16	2989.68	TOC	75.00	95.00	89.11				2900.57
12/2/2005	2987.16	2989.68	TOC	75.00	95.00	88.95				2900.73
6/16/2008	2987.16	2989.68	TOC	75.00	95.00	87.60	87.57	0.03	0.830	2902.10
7/4/2008	2987.16	2989.68	TOC	75.00	95.00	87.68	87.65	0.03	0.830	2902.02
7/24/2008	2987.16	2989.68	TOC	75.00	95.00	87.64	87.60	0.04	0.830	2902.07
8/26/2008	2987.16	2989.68	TOC	75.00	95.00	87.52	87.48	0.04	0.830	2902.19
12/8/2008	2987.16	2989.68	TOC	75.00	95.00	87.55	87.47	0.08	0.830	2902.20
3/14/2009	2987.16	2989.68	TOC	75.00	95.00	87.61	87.55	0.06	0.830	2902.12
6/29/2009	2987.16	2989.68	TOC	75.00	95.00	87.77	87.71	0.06	0.830	2901.96
9/16/2009	2987.16	2989.68	TOC	75.00	95.00	88.15	88.06	0.09	0.830	2901.60
12/20/2009	2987.16	2989.68	TOC	75.00	95.00	88.28	88.20	0.08	0.830	2901.47
2/21/2010	2987.16	2989.68	TOC	75.00	95.00	88.40	88.36	0.04	0.830	2901.31
6/28/2010	2987.16	2989.68	TOC	75.00	95.00	88.65	88.60	0.05	0.830	2901.07
10/23/2010	2987.16	2989.68	TOC	75.00	95.00	88.92	88.85	0.07	0.830	2900.82
1/19/2011	2987.16	2989.68	TOC	75.00	95.00	88.98	88.94	0.04	0.830	2900.73
3/18/2011	2987.16	2989.68	TOC	75.00	95.00	89.20	89.15	0.05	0.830	2900.52
6/18/2011	2987.16	2989.68	TOC	75.00	95.00	89.41	89.26	0.15	0.830	2900.39
12/31/2011	2987.16	2989.68	TOC	75.00	95.00	89.75	89.51	0.24	0.830	2900.13
3/31/2012	2987.16	2989.68	TOC	75.00	95.00	90.01	89.75	0.26	0.830	2899.89

**MW-19**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
3/27/2002	2988.86	2991.92	TOC	80.00	100.00	94.24	88.14	6.10	0.830	2902.74
6/26/2002	2988.86	2991.92	TOC	80.00	100.00	94.19	88.29	5.90	0.830	2902.63
9/25/2002	2988.86	2991.92	TOC	80.00	100.00	95.39	88.79	6.60	0.830	2902.01
12/28/2002	2988.86	2991.92	TOC	80.00	100.00	91.46	91.44	0.02	0.830	2900.48
9/22/2003	2988.86	2991.92	TOC	80.00	100.00	91.24	89.59	1.65	0.830	2902.05
12/22/2003	2988.86	2991.92	TOC	80.00	100.00	89.61	89.59	0.02	0.830	2902.33

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
6/26/2004	2988.86	2991.92	TOC	80.00	100.00	88.52	88.51	0.01	0.830	2903.41
6/9/2005	2988.86	2991.92	TOC	80.00	100.00	92.00	92.00		0.830	2899.92
9/27/2005	2988.86	2991.92	TOC	80.00	100.00	91.15	91.10	0.05	0.830	2900.81
10/2/2005	2988.86	2991.92	TOC	80.00	100.00	91.20	91.05	0.15	0.830	2900.84
10/14/2005	2988.86	2991.92	TOC	80.00	100.00	91.30	91.10	0.20	0.830	2900.79
10/17/2005	2988.86	2991.92	TOC	80.00	100.00	91.12	91.05	0.07	0.830	2900.86
10/24/2005	2988.86	2991.92	TOC	80.00	100.00	91.25	91.10	0.15	0.830	2900.79
12/2/2005	2988.86	2991.92	TOC	80.00	100.00	91.10	90.98	0.12	0.830	2900.92
6/16/2008	2988.86	2991.92	TOC	80.00	100.00	89.65	89.60	0.05	0.830	2902.31
7/4/2008	2988.86	2991.92	TOC	80.00	100.00	89.73	89.70	0.03	0.830	2902.21
7/24/2008	2988.86	2991.92	TOC	80.00	100.00	89.70	89.65	0.05	0.830	2902.26
8/26/2008	2988.86	2991.92	TOC	80.00	100.00	89.66	89.60	0.06	0.830	2902.31
12/8/2008	2988.86	2991.92	TOC	80.00	100.00	89.67	89.65	0.02	0.830	2902.27
3/14/2009	2988.86	2991.92	TOC	80.00	100.00	90.70	90.67	0.03	0.830	2901.24
6/29/2009	2988.86	2991.92	TOC	80.00	100.00	89.91	89.88	0.03	0.830	2902.03
9/16/2009	2988.86	2991.92	TOC	80.00	100.00	90.24	90.23	0.01	0.830	2901.69
12/20/2009	2988.86	2991.92	TOC	80.00	100.00	90.37	90.36	0.01	0.830	2901.56
2/24/2010	2988.86	2991.92	TOC	80.00	100.00	90.59	90.59		0.830	2901.33
6/28/2010	2988.86	2991.92	TOC	80.00	100.00	90.80	90.76	0.04	0.830	2901.15
10/23/2010	2988.86	2991.92	TOC	80.00	100.00	91.25	91.05	0.20	0.830	2900.84
1/19/2011	2988.86	2991.92	TOC	80.00	100.00	91.26	91.08	0.18	0.830	2900.81
3/18/2011	2988.86	2991.92	TOC	80.00	100.00	91.30	91.12	0.18	0.830	2900.77
6/18/2011	2988.86	2991.92	TOC	80.00	100.00	91.75	91.34	0.41	0.830	2900.51
12/31/2011	2988.86	2991.92	TOC	80.00	100.00	92.78	91.50	1.28	0.830	2900.20
3/31/2012	2988.86	2991.92	TOC	80.00	100.00	93.19	91.70	1.49	0.830	2899.97

**MW-20**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
3/27/2002	2987.22	2989.64	TOC	75.00	95.00	94.08	87.03	7.05	0.830	2901.41
6/26/2002	2987.22	2989.64	TOC	75.00	95.00	93.73	86.93	6.80	0.830	2901.55
9/25/2002	2987.22	2989.64	TOC	75.00	95.00	94.73	87.68	7.05	0.830	2900.76
12/28/2002	2987.22	2989.64	TOC	75.00	95.00	90.10	90.08	0.02	0.830	2899.56
9/22/2003	2987.22	2989.64	TOC	75.00	95.00	93.03	88.43	4.60	0.830	2900.43
12/22/2003	2987.22	2989.64	TOC	75.00	95.00	89.60	89.58	0.02	0.830	2900.06
6/26/2004	2987.22	2989.64	TOC	75.00	95.00	93.31	87.78	5.53	0.830	2900.92
6/9/2005	2987.22	2989.64	TOC	75.00	95.00	89.50	89.50		0.830	2900.14
9/27/2005	2987.22	2989.64	TOC	75.00	95.00	89.60	89.55	0.05	0.830	2900.08
10/2/2005	2987.22	2989.64	TOC	75.00	95.00	89.57	89.55	0.02	0.830	2900.09
10/14/2005	2987.22	2989.64	TOC	75.00	95.00	89.55				2900.09
10/17/2005	2987.22	2989.64	TOC	75.00	95.00	89.55	89.50	0.05	0.830	2900.13

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
10/24/2005	2987.22	2989.64	TOC	75.00	95.00	89.60	89.55	0.05	0.830	2900.08
12/2/2005	2987.22	2989.64	TOC	75.00	95.00	89.50	89.40	0.10	0.830	2900.22
1/10/2006	2987.22	2989.64	TOC	75.00	95.00	89.85	89.75	0.10	0.830	2899.87
3/3/2006	2987.22	2989.64	TOC	75.00	95.00	89.80	89.62	0.18	0.830	2899.99
4/12/2006	2987.22	2989.64	TOC	75.00	95.00	89.85	89.75	0.10	0.830	2899.87
8/21/2007	2987.22	2989.64	TOC	75.00	95.00	89.67	89.65	0.02	0.830	2899.99
11/5/2007	2987.22	2989.64	2987.22	75.00	95.00	89.36	89.35	0.01	0.830	2900.29
6/17/2008	2987.22	2989.64	TOC	75.00	95.00	88.20	88.20		0.830	2901.44
7/4/2008	2987.22	2989.64	TOC	75.00	95.00	88.15	88.15		0.830	2901.49
7/24/2008	2987.22	2989.64	TOC	75.00	95.00	88.08	88.08		0.830	2901.56
8/26/2008	2987.22	2989.64	TOC	75.00	95.00	87.98	87.98		0.830	2901.66
12/8/2008	2987.22	2989.64	TOC	75.00	95.00	87.96	87.96		0.830	2901.68
3/14/2009	2987.22	2989.64	TOC	75.00	95.00	88.05	88.05		0.830	2901.59
6/29/2009	2987.22	2989.64	TOC	75.00	95.00	88.20	88.20		0.830	2901.44
9/16/2009	2987.22	2989.64	TOC	75.00	95.00	88.56	88.52	0.04	0.830	2901.11
12/20/2009	2987.22	2989.64	TOC	75.00	95.00	88.67	88.65	0.02	0.830	2900.99
2/24/2010	2987.22	2989.64	TOC	75.00	95.00	88.87	88.86	0.01	0.830	2900.78
6/28/2010	2987.22	2989.64	TOC	75.00	95.00	89.05	89.05		0.830	2900.59
10/23/2010	2987.22	2989.64	TOC	75.00	95.00	89.57	89.57		0.830	2900.07
3/18/2011	2987.22	2989.64	TOC	75.00	95.00	89.52				2900.12
6/18/2011	2987.22	2989.64	TOC	75.00	95.00	89.72	89.71	0.01	0.830	2899.93
12/31/2011	2987.22	2989.64	TOC	75.00	95.00	90.27	89.95	0.32	0.830	2899.64
3/31/2012	2987.22	2989.64	TOC	75.00	95.00	90.70	90.11	0.59	0.830	2899.43

**MW-21**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
12/28/2002	2986.63	2989.19	TOC	78.00	98.00	88.54				2900.65
3/22/2003	2986.63	2989.19	TOC	78.00	98.00	88.74				2900.45
6/18/2003	2986.63	2989.19	TOC	78.00	98.00	88.64				2900.55
9/22/2003	2986.63	2989.19	TOC	78.00	98.00	88.89				2900.30
12/22/2003	2986.63	2989.19	TOC	78.00	98.00	88.99				2900.20
3/17/2004	2986.63	2989.19	TOC	78.00	98.00	89.24				2899.95
6/26/2004	2986.63	2989.19	TOC	78.00	98.00	89.44				2899.75
12/19/2004	2986.63	2989.19	TOC	78.00	98.00	91.65				2897.54
1/19/2005	2986.63	2989.19	TOC	78.00	98.00	91.60				2897.59
1/25/2005	2986.63	2989.19	TOC	78.00	98.00	91.35				2897.84
1/26/2005	2986.63	2989.19	TOC	78.00	98.00	91.35				2897.84
2/7/2005	2986.63	2989.19	TOC	78.00	98.00	91.30				2897.89
2/16/2005	2986.63	2989.19	TOC	78.00	98.00	91.45				2897.74
3/16/2005	2986.63	2989.19	TOC	78.00	98.00	91.20				2897.99



**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
5/11/2005	2986.63	2989.19	TOC	78.00	98.00	90.80				2898.39
6/26/2005	2986.63	2989.19	TOC	78.00	98.00	90.65				2898.54
9/8/2005	2986.63	2989.19	TOC	78.00	98.00	90.40				2898.79
9/19/2005	2986.63	2989.19	TOC	78.00	98.00	90.40				2898.79
10/17/2005	2986.63	2989.19	TOC	78.00	98.00	90.21				2898.98
12/2/2005	2986.63	2989.19	TOC	78.00	98.00	90.20				2898.99
1/10/2006	2986.63	2989.19	TOC	78.00	98.00	90.20				2898.99
3/3/2006	2986.63	2989.19	TOC	78.00	98.00	90.10				2899.09
4/12/2006	2986.63	2989.19	TOC	78.00	98.00	90.25				2898.94
5/30/2006	2986.63	2989.19	TOC	78.00	98.00	90.10				2899.09
6/26/2006	2986.63	2989.19	TOC	78.00	98.00	90.10				2899.09
9/7/2006	2986.63	2989.19	TOC	78.00	98.00	90.00				2899.19
11/4/2006	2986.63	2989.19	TOC	78.00	98.00	90.06				2899.13
2/26/2007	2986.63	2989.19	TOC	78.00	98.00	90.10				2899.09
5/23/2007	2986.63	2989.19	TOC	78.00	98.00	90.25				2898.94
8/21/2007	2986.63	2989.19	TOC	78.00	98.00	90.07				2899.12
11/3/2007	2986.63	2989.19	2986.63	78.00	98.00	90.00				2899.19
2/25/2008	2986.63	2989.19	TOC	78.00	98.00	89.25				2899.94
6/14/2008	2986.63	2989.19	TOC	78.00	98.00	89.00				2900.19
7/4/2008	2986.63	2989.19	TOC	78.00	98.00	88.92				2900.27
7/24/2008	2986.63	2989.19	TOC	78.00	98.00	88.88				2900.31
8/26/2008	2986.63	2989.19	TOC	78.00	98.00	88.80				2900.39
12/7/2008	2986.63	2989.19	TOC	78.00	98.00	88.75				2900.44
3/12/2009	2986.63	2989.19	TOC	78.00	98.00	88.80				2900.39
6/29/2009	2986.63	2989.19	TOC	78.00	98.00	88.77				2900.42
9/17/2009	2986.63	2989.19	TOC	78.00	98.00	89.00				2900.19
12/20/2009	2986.63	2989.19	TOC	78.00	98.00	89.10				2900.09
2/21/2010	2986.63	2989.19	TOC	78.00	98.00	89.25				2899.94
6/28/2010	2986.63	2989.19	TOC	78.00	98.00	89.38				2899.81
10/23/2010	2986.63	2989.19	TOC	78.00	98.00	89.63				2899.56
3/18/2011	2986.63	2989.19	TOC	78.00	98.00	89.90				2899.29
6/18/2011	2986.63	2989.19	TOC	78.00	98.00	89.97				2899.22
12/31/2011	2986.63	2989.19	TOC	78.00	98.00	90.19				2899.00
3/31/2012	2986.63	2989.19	TOC	78.00	98.00	90.37				2898.82

**MW-22**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
12/28/2002	2989.24	2991.56	TOC	80.00	100.00	90.83	89.83	1.00	0.830	2901.56
3/22/2003	2989.24	2991.56	TOC	80.00	100.00	92.58	89.93	2.65	0.830	2901.18
6/18/2003	2989.24	2991.56	TOC	80.00	100.00	92.58	89.88	2.70	0.830	2901.22

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
9/22/2003	2989.24	2991.56	TOC	80.00	100.00	93.13	89.93	3.20	0.830	2901.09
12/22/2003	2989.24	2991.56	TOC	80.00	100.00	93.23	90.13	3.10	0.830	2900.90
3/17/2004	2989.24	2991.56	TOC	80.00	100.00	93.88	90.38	3.50	0.830	2900.58
6/26/2004	2989.24	2991.56	TOC	80.00	100.00	93.98	90.48	3.50	0.830	2900.49
6/9/2005	2989.24	2991.56	TOC	80.00	100.00	92.00	92.00		0.830	2899.56
9/8/2005	2989.24	2991.56	TOC	80.00	100.00	90.83	90.82	0.01	0.830	2900.74
9/27/2005	2989.24	2991.56	TOC	80.00	100.00	90.70	90.70		0.830	2900.86
10/2/2005	2989.24	2991.56	TOC	80.00	100.00	90.65				2900.91
10/14/2005	2989.24	2991.56	TOC	80.00	100.00	90.71				2900.85
10/17/2005	2989.24	2991.56	TOC	80.00	100.00	90.65				2900.91
10/24/2005	2989.24	2991.56	TOC	80.00	100.00	90.70				2900.86
12/2/2005	2989.24	2991.56	TOC	80.00	100.00	90.58				2900.98
1/10/2006	2989.24	2991.56	TOC	80.00	100.00	90.80				2900.76
3/3/2006	2989.24	2991.56	TOC	80.00	100.00	90.65				2900.91
4/12/2006	2989.24	2991.56	TOC	80.00	100.00	90.61	90.60	0.01	0.830	2900.96
5/30/2006	2989.24	2991.56	TOC	80.00	100.00	90.76				2900.80
6/7/2006	2989.24	2991.56	TOC	80.00	100.00	90.75				2900.81
9/8/2006	2989.24	2991.56	TOC	80.00	100.00	90.81				2900.75
11/8/2006	2989.24	2991.56	TOC	80.00	100.00	91.00				2900.56
5/22/2007	2989.24	2991.56	TOC	80.00	100.00	91.00				2900.56
11/5/2007	2989.24	2991.56	2989.24	80.00	100.00	90.15	90.15		0.830	2901.41
6/16/2008	2989.24	2991.56	TOC	80.00	100.00	89.16				2902.40
7/4/2008	2989.24	2991.56	TOC	80.00	100.00	89.24				2902.32
7/24/2008	2989.24	2991.56	TOC	80.00	100.00	89.18				2902.38
8/26/2008	2989.24	2991.56	TOC	80.00	100.00	89.17				2902.39
12/8/2008	2989.24	2991.56	TOC	80.00	100.00	89.20	89.20		0.830	2902.36
3/14/2009	2989.24	2991.56	TOC	80.00	100.00	89.18	89.18		0.830	2902.38
6/29/2009	2989.24	2991.56	TOC	80.00	100.00	89.39				2902.17
9/17/2009	2989.24	2991.56	TOC	80.00	100.00	89.71	89.71		0.830	2901.85
12/20/2009	2989.24	2991.56	TOC	80.00	100.00	89.92				2901.64
2/22/2010	2989.24	2991.56	TOC	80.00	100.00	90.13				2901.43
6/28/2010	2989.24	2991.56	TOC	80.00	100.00	90.33				2901.23
10/23/2010	2989.24	2991.56	TOC	80.00	100.00	90.61				2900.95
3/18/2011	2989.24	2991.56	TOC	80.00	100.00	90.82				2900.74
6/18/2011	2989.24	2991.56	TOC	80.00	100.00	91.01				2900.55
12/31/2011	2989.24	2991.56	TOC	80.00	100.00	91.31	91.30	0.01	0.830	2900.26
3/31/2012	2989.24	2991.56	TOC	80.00	100.00	91.55	91.54	0.01	0.830	2900.02

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
6/7/2006	2986.90	2991.90	TOC	80.00	120.00	97.56				2894.34
9/8/2006	2986.90	2991.90	TOC	80.00	120.00	97.62				2894.28
11/8/2006	2986.90	2991.90	TOC	80.00	120.00	97.70				2894.20
2/25/2007	2986.90	2991.90	TOC	80.00	120.00	97.82				2894.08
5/22/2007	2986.90	2991.90	TOC	80.00	120.00	97.85				2894.05
8/21/2007	2986.90	2991.90	TOC	80.00	120.00	97.45				2894.45
11/6/2007	2986.90	2991.90	2986.9	80.00	120.00	97.05				2894.85
3/4/2008	2986.90	2991.90	TOC	80.00	120.00	96.40				2895.50
6/17/2008	2986.90	2991.90	TOC	80.00	120.00	96.02				2895.88
7/4/2008	2986.90	2991.90	TOC	80.00	120.00	96.00				2895.90
7/24/2008	2986.90	2991.90	TOC	80.00	120.00	95.95				2895.95
8/26/2008	2986.90	2991.90	TOC	80.00	120.00	95.90				2896.00
12/8/2008	2986.90	2991.90	TOC	80.00	120.00	95.85				2896.05
3/14/2009	2986.90	2991.90	TOC	80.00	120.00	96.00				2895.90
6/29/2009	2986.90	2991.90	TOC	80.00	120.00	96.12				2895.78
9/17/2009	2986.90	2991.90	TOC	80.00	120.00	96.50				2895.40
12/20/2009	2986.90	2991.90	TOC	80.00	120.00	96.73				2895.17
2/21/2010	2986.90	2991.90	TOC	80.00	120.00	96.74				2895.16
6/28/2010	2986.90	2991.90	TOC	80.00	120.00	97.10				2894.80
10/23/2010	2986.90	2991.90	TOC	80.00	120.00	97.42				2894.48
1/19/2011	2986.90	2991.90	TOC	80.00	120.00	97.43				2894.47
3/18/2011	2986.90	2991.90	TOC	80.00	120.00	97.75				2894.15
6/18/2011	2986.90	2991.90	TOC	80.00	120.00	97.82				2894.08
12/31/2011	2986.90	2991.90	TOC	80.00	120.00	98.15				2893.75
3/31/2012	2986.90	2991.90	TOC	80.00	120.00	98.25				2893.65

**MW-24**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
6/4/2006	2988.76	2993.76	TOC	77.00	117.00	97.90				2895.86
9/8/2006	2988.76	2993.76	TOC	77.00	117.00	98.00				2895.76
11/8/2006	2988.76	2993.76	TOC	77.00	117.00	98.10				2895.66
2/25/2007	2988.76	2993.76	TOC	77.00	117.00	98.10				2895.66
5/22/2007	2988.76	2993.76	TOC	77.00	117.00	98.10				2895.66
11/6/2007	2988.76	2993.76	2988.76	77.00	117.00	97.54				2896.22
3/4/2008	2988.76	2993.76	TOC	77.00	117.00	96.80				2896.96
6/16/2008	2988.76	2993.76	TOC	77.00	117.00	96.27				2897.49
7/4/2008	2988.76	2993.76	TOC	77.00	117.00	96.37				2897.39
7/24/2008	2988.76	2993.76	TOC	77.00	117.00	96.35				2897.41
8/26/2008	2988.76	2993.76	TOC	77.00	117.00	96.27				2897.49
12/8/2008	2988.76	2993.76	TOC	77.00	117.00	96.32				2897.44

**Table 1**  
**GROUNDWATER MEASUREMENTS TABLE**  
*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
3/14/2009	2988.76	2993.76	TOC	77.00	117.00	96.38				2897.38
6/29/2009	2988.76	2993.76	TOC	77.00	117.00	96.55				2897.21
9/17/2009	2988.76	2993.76	TOC	77.00	117.00	95.85				2897.91
12/20/2009	2988.76	2993.76	TOC	77.00	117.00	97.05				2896.71
2/21/2010	2988.76	2993.76	TOC	77.00	117.00	97.15				2896.61
6/28/2010	2988.76	2993.76	TOC	77.00	117.00	97.50				2896.26
10/23/2010	2988.76	2993.76	TOC	77.00	117.00	99.00	97.63	1.37	0.830	2895.90
1/11/2011	2988.76	2993.76	TOC	77.00	117.00	99.16	97.67	1.49	0.830	2895.84
1/19/2011	2988.76	2993.76	TOC	77.00	117.00	98.95	97.63	1.32	0.830	2895.91
1/20/2011	2988.76	2993.76	TOC	77.00	117.00	98.35	97.78	0.57	0.830	2895.88
3/18/2011	2988.76	2993.76	TOC	77.00	117.00	99.12	97.70	1.42	0.830	2895.82
6/18/2011	2988.76	2993.76	TOC	77.00	117.00	99.43	97.97	1.46	0.830	2895.54
12/31/2011	2988.76	2993.76	TOC	77.00	117.00	99.95	98.30	1.65	0.830	2895.18
3/31/2012	2988.76	2993.76	TOC	77.00	117.00	100.45	98.46	1.99	0.830	2894.96

**Table 2**

**Hydrocarbon and Groundwater Recovery (Barrels)**

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank	Returned	Removed	Removed
									(bbls)	(bbls)	(bbls)	(bbls)
1/4/2001	jps	1	5	0.0	1.4	10	1150	0.0	1.2	0.0	1.2	1.2
1/5/2001	jps	1,320	5	0.0	28.0	20	1150	0.0	4.8	0.0	4.8	4.8
1/11/2001	jps	9,240	5	0.0	171.2	67	401	0.2	23.8	0.0	23.8	24.0
1/18/2001	jps	19,320	5	0.0	321.0	43	401	0.4	33.3	0.0	33.3	33.7
1/24/2001	jps	28,770	5	0.0	461.1	66	401	0.5	39.3	0.0	39.3	39.8
2/2/2001	jps	39,900	5	0.0	677.1	60	777	1.0	73.8	0.0	73.8	74.9
2/8/2001	jps	47,670	5	0.0	822.5	76	777	1.5	90.5	0.0	90.5	91.9
2/16/2001	jps	59,640	5	0.0	1,016.7	70	851	2.0	107.1	0.0	107.1	109.2
2/21/2001	jps	67,200	5	0.0	1,132.2	68	577	2.3	114.3	0.0	114.3	116.6
3/1/2001	jps	80,640	5	0.0	1,324.0	47	980	2.7	129.8	0.0	129.8	132.5
3/9/2001	jps	87,780	5	0.0	1,480.9	40	723	2.9	142.4	0.0	142.4	145.4
3/16/2001	jps	90,720	5	0.0	1,644.2	41	1039	3.3	143.9	0.0	143.9	147.2
3/22/2001	jps	93,240	5	0.0	1,788.7	41	554	3.4	149.9	0.0	149.9	153.3
3/29/2001	jps	94,080	5	0.0	1,957.2	41	723	3.7	170.2	0.0	170.2	173.9
4/7/2001	jps	97,860	5	0.0	2,174.4	42	498	3.9	179.5	0.0	179.5	183.5
4/12/2001	jps	99,540	5	0.0	2,271.4	43	471	4.0	184.0	0.0	184.0	188.0
4/19/2001	jps	102,480	5	0.0	2,435.4	41	600	4.2	191.8	0.0	191.8	196.1
4/26/2001	jps	105,000	5	0.0	2,606.0	42	542	4.4	197.2	0.0	197.2	201.6
5/3/2001	jps	107,520	5	0.0	2,771.0	40	811	4.7	204.0	0.0	204.0	208.7
5/10/2001	jps	109,200	5	0.0	2,915.4	35	963	4.9	212.2	0.0	212.2	217.2
5/17/2001	jps	112,140	5	0.0	3,082.8	44	1045	5.3	219.1	0.0	219.1	224.5
5/24/2001	jps	113,400	5	0.0	3,239.2	43	948	5.6	228.9	0.0	228.9	234.6
6/1/2001	jps	116,340	5	0.0	3,432.9	42	728	5.9	234.6	0.0	234.6	240.5
6/7/2001	jps	118,440	5	0.0	3,569.8	41	627	6.1	240.2	0.0	240.2	246.3
6/14/2001	jps	120,120	5	0.0	3,719.0	42	536	6.3	246.6	0.0	246.6	252.9
6/22/2001	jas	124,320	5	0.0	3,905.0	39	863	6.6	251.3	0.0	251.3	257.9
7/20/2001	jps	126,000	5	0.0	4,072.3	40	863	6.9	259.9	0.0	259.9	266.8
9/4/2001	jps	139,489	5	0.0	4,598.7	40	863	7.8	292.9	0.0	292.9	300.7
9/8/2001	jps	142,380	5	0.0	4,683.0	53	363	7.9	298.1	0.0	298.1	306.0
9/16/2001	jps	150,780	5	0.0	4,837.2	45	699	8.1	315.5	0.0	315.5	323.7
9/22/2001	jps	157,080	5	0.0	4,953.0	44	699	8.3	323.1	0.0	323.1	331.4
9/29/2001	jps	163,800	5	0.0	5,096.7	47	699	8.5	330.8	0.0	330.8	339.3
11/6/2001	jps	194,480	5	0.0	5,432.0	96	699	9.6	355.3	0.0	355.3	365.0
11/17/2001	jps	196,215	5	0.0	5,692.0	92	186	9.9	369.1	0.0	369.1	379.0
11/26/2001	jps	204,188	5	0.0	5,906.0	58	649	10.3	397.9	0.0	397.9	408.2
12/7/2001	jps	212,788	5	0.0	6,053.0	55	674	10.5	418.6	0.0	418.6	429.2
1/2/2002	jps	245,323	5	0.0	6,646.0	55	674	11.7	476.6	0.0	476.6	488.3
1/10/2002	jps	259,063	5	0.0	6,838.0	55	372	11.9	505.3	0.0	505.3	517.2
1/18/2002	jps	272,805	5	0.0	7,033.0	58	423	12.1	519.9	0.0	519.9	532.0
1/28/2002	jps	288,976	5	0.0	7,258.0	56	471	12.4	535.6	0.0	535.6	548.1
2/6/2002	jps	302,098	5	0.0	7,435.2	45	401	12.6	549.5	0.0	549.5	562.1
2/14/2002	jps	311,095	5	0.0	7,631.0	56	437	12.8	577.5	0.0	577.5	590.3
4/4/2002	jps	362,484	5	0.0	8,614.0	56	437	14.0	637.6	0.0	637.6	651.7
4/16/2002	jps	376,585	5	0.0	8,830.0	56	1110	14.7	676.7	0.0	676.7	691.4
4/27/2002	jps	393,880	5	0.0	9,089.0	56	437	15.0	707.1	0.0	707.1	722.2

**Table 2****Hydrocarbon and Groundwater Recovery (Barrels)**

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank	Returned	Removed	Removed
5/8/2002	jps	410,056	5	0.0	9,332.0	56	1460	16.0	724.0	0.0	724.0	740.1
7/18/2002	jps	435,233	5	0.1	9,962.0	48	437	16.7	752.5	0.0	752.5	769.2
7/26/2002	jps	457,029	5	0.1	10,158.0	48	831	17.0	764.4	0.0	764.4	781.5
8/10/2002	jps	508,606	5	0.1	10,519.0	57	437	17.5	805.6	0.0	805.6	823.2
8/16/2002	jps	528,480	5	0.1	10,656.0	42	437	17.6	814.0	0.0	814.0	831.7
8/23/2002	jps	549,430	5	0.1	10,831.0	44	437	17.8	824.6	0.0	824.6	842.4
8/30/2002	jps	570,664	5	0.1	10,994.0	44	437	17.9	833.4	0.0	833.4	851.4
9/10/2002	jps	604,429	5	0.1	11,258.0	44	437	18.2	849.9	0.0	849.9	868.2
9/17/2002	jps	619,336	5	0.1	11,425.0	49	437	18.4	857.9	0.0	857.9	876.3
9/24/2002	jps	638,007	5	0.1	11,592.0	49	437	18.6	866.0	0.0	866.0	884.7
10/3/2002	jps	670,403	5	0.1	11,813.0	53	437	18.8	879.2	0.0	879.2	898.1
11/3/2002	jps	788,699	5	0.1	12,558.9	53	437	19.7	916.9	0.0	916.9	936.7
11/15/2002	jps	807,249	5	0.1	12,903.0	53	437	20.1	927.0	0.0	927.0	947.1
11/20/2002	jps	811,949	5	0.1	12,967.9	53	437	20.2	930.9	0.0	930.9	951.1
11/30/2002	jps	840,029	5	0.1	13,206.0	53	565	20.5	942.9	0.0	942.9	963.5
12/23/2002	jps	859,080	5	0.1	13,697.2	285	437	23.6	974.1	0.0	974.1	997.8
12/30/2002	jps	878,679	5	0.1	13,884.7	265	437	24.7	983.3	0.0	983.3	1,008.0
1/16/2003	jps	934,464	5	0.1	14,264.0	150	437	25.9	1,010.7	0.0	1,010.7	1,036.7
1/18/2003	jps	942,629	5	0.1	14,314.0	150	437	26.1	1,014.3	0.0	1,014.3	1,040.5
1/20/2003	jps	949,886	5	0.1	14,360.0	150	437	26.2	1,018.0	0.0	1,018.0	1,044.4
1/22/2003	jps	957,596	5	0.1	14,408.0	150	437	26.4	1,021.0	0.0	1,021.0	1,047.4
1/24/2003	jps	961,996	5	0.1	14,462.0	150	437	26.6	1,024.0	0.0	1,024.0	1,050.7
1/29/2003	jps	984,659	5	0.1	14,571.0	145	437	26.9	1,032.2	0.0	1,032.2	1,059.2
1/30/2003	jps	986,914	5	0.1	14,596.0	145	4220	27.7	1,034.2	0.0	1,034.2	1,061.9
2/3/2003	jps	1,005,220	5	0.1	14,692.0	145	437	28.0	1,038.8	0.0	1,038.8	1,066.9
2/5/2003	jps	1,013,774	5	0.1	14,746.0	145	437	28.1	1,041.5	0.0	1,041.5	1,069.8
2/8/2003	jps	1,028,667	5	0.1	14,818.0	145	437	28.4	1,042.9	0.0	1,042.9	1,071.4
2/10/2003	jps	1,036,263	5	0.1	14,865.0	145	437	28.5	1,044.9	0.0	1,044.9	1,073.6
2/11/2003	jps	1,037,681	5	0.1	14,894.0	145	437	28.6	1,045.6	0.0	1,045.6	1,074.3
2/16/2003	jps	1,051,639	5	0.1	15,006.0	145	437	29.0	1,047.0	0.0	1,047.0	1,076.1
2/19/2003	jps	1,060,761	5	0.1	15,080.0	145	437	29.2	1,048.4	0.0	1,048.4	1,077.7
3/16/2003	jps	1,129,949	5	0.1	15,640.0	153	437	31.1	1,083.9	0.0	1,083.9	1,115.1
3/19/2003	jps	1,137,659	5	0.1	15,719.0	153	437	31.3	1,096.9	0.0	1,096.9	1,128.3
3/22/2003	jps	1,147,810	5	0.1	15,790.0	181	494	31.7	1,097.7	0.0	1,097.7	1,129.5
3/24/2003	jps	1,150,129	5	0.1	15,845.0	181	437	31.9	1,097.7	0.0	1,097.7	1,129.7
3/28/2003	jps	1,154,246	5	0.1	15,934.0	181	437	32.2	1,099.6	0.0	1,099.6	1,132.0
3/31/2003	jps	1,161,529	5	0.1	16,006.0	181	437	32.5	1,101.1	0.0	1,101.1	1,133.7
4/3/2003	jps	1,170,741	5	0.1	16,078.0	181	437	32.8	1,102.5	0.0	1,102.5	1,135.5
4/7/2003	jps	1,179,829	5	0.1	16,172.0	181	437	33.2	1,104.6	0.0	1,104.6	1,137.9
4/8/2003	jps	1,182,529	5	0.1	16,190.0	181	437	33.2	1,104.8	0.0	1,104.8	1,138.2
4/10/2003	jps	1,190,429	5	0.1	16,238.0	181	437	33.4	1,106.1	0.0	1,106.1	1,139.7
4/15/2003	jps	1,205,129	5	0.1	16,353.0	177	437	33.9	1,113.3	0.0	1,113.3	1,147.3
4/21/2003	jps	1,225,329	5	0.1	16,499.0	177	437	34.4	1,113.5	0.0	1,113.5	1,148.0
4/24/2003	jps	1,235,040	5	0.1	16,575.0	177	437	34.7	1,114.4	0.0	1,114.4	1,149.3
4/27/2003	jps	1,244,599	5	0.1	16,645.0	177	360	34.9	1,115.5	0.0	1,115.5	1,150.6

## Table 2

# Hydrocarbon and Groundwater Recovery (Barrels)

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	(bbls)	(bbls)	(bbls)	(bbls)
5/1/2003	jps	1,259,029	5	0.1	16,744.0	177	437	35.3	1,117.9	0.0	1,117.9	1,153.3
5/2/2003	jps	1,262,929	5	0.2	16,770.0	177	437	35.4	1,118.5	0.0	1,118.5	1,154.0
5/6/2003	jps	1,275,029	5	0.2	16,862.0	177	437	35.8	1,124.5	0.0	1,124.5	1,160.4
5/8/2003	jps	1,281,445	5	0.2	16,905.0	177	437	35.9	1,125.1	0.0	1,125.1	1,161.2
5/13/2003	jps	1,300,229	5	0.2	17,022.0	177	437	36.4	1,129.5	0.0	1,129.5	1,166.0
5/14/2003	jps	1,302,834	5	0.2	17,048.0	177	437	36.5	1,129.6	0.0	1,129.6	1,166.3
5/18/2003	jps	1,319,609	5	0.2	17,147.0	177	437	36.9	1,131.3	0.0	1,131.3	1,168.4
5/20/2003	jps	1,322,124	5	0.2	17,193.0	177	437	37.1	1,131.4	0.0	1,131.4	1,168.6
5/21/2003	jps	1,327,365	5	0.2	17,229.0	177	437	37.2	1,131.5	0.0	1,131.5	1,168.9
5/23/2003	jps	1,337,823	5	0.2	17,262.0	177	437	37.3	1,131.5	0.0	1,131.5	1,169.0
5/25/2003	jps	1,347,341	5	0.2	17,301.0	177	437	37.5	1,131.5	0.0	1,131.5	1,169.2
5/28/2003	jps	1,364,734	5	0.2	17,381.0	177	162	37.6	1,131.7	0.0	1,131.7	1,169.4
6/5/2003	jps	1,383,304	5	0.2	17,566.0	177	437	38.3	1,133.9	0.0	1,133.9	1,172.4
6/12/2003	jps	1,401,163	5	0.2	17,731.0	177	437	38.9	1,136.5	0.0	1,136.5	1,175.6
6/13/2003	jps	1,405,129	5	0.2	17,747.0	177	437	39.0	1,137.1	0.0	1,137.1	1,176.3
6/14/2003	jps	1,408,371	5	0.2	17,767.0	177	437	39.1	1,137.8	0.0	1,137.8	1,177.0
6/15/2003	jps	1,410,629	5	0.2	17,794.0	177	437	39.2	1,139.7	0.0	1,139.7	1,179.1
6/16/2003	jps	1,413,729	5	0.2	17,816.0	177	312	39.2	1,140.4	0.0	1,140.4	1,179.8
6/22/2003	jps	1,424,574	5	0.2	17,957.0	177	437	39.8	1,142.4	0.0	1,142.4	1,182.3
6/25/2003	jps	1,435,984	5	0.2	18,037.0	177	437	40.1	1,145.0	0.0	1,145.0	1,185.3
6/26/2003	jps	1,438,129	5	0.2	18,061.0	177	437	40.2	1,145.0	0.0	1,145.0	1,185.4
6/29/2003	jps	1,444,029	5	0.2	18,104.0	177	437	40.4	1,146.4	0.0	1,146.4	1,186.9
7/23/2003	jps	1,495,283	5	0.2	18,709.0	177	437	42.7	1,153.8	0.0	1,153.8	1,196.7
8/3/2003	jps	1,518,775	5	0.2	18,943.0	177	437	43.6	1,155.1	0.0	1,155.1	1,198.9
8/5/2003	jps	1,523,046	5	0.2	19,031.0	177	437	43.9	1,155.8	0.0	1,155.8	1,199.9
8/12/2003	jps	1,537,995	5	0.2	19,181.0	177	437	44.5	1,157.9	0.0	1,157.9	1,202.6
8/17/2003	jps	1,548,673	5	0.2	19,284.0	177	437	44.9	1,157.9	0.0	1,157.9	1,203.0
8/20/2003	jps	1,555,080	5	0.2	19,373.0	177	437	45.3	1,157.9	0.0	1,157.9	1,203.3
8/25/2003	jps	1,565,758	5	0.2	19,499.0	177	437	45.7	1,160.0	0.0	1,160.0	1,205.9
8/30/2003	jps	1,576,436	5	0.2	19,608.0	177	222	46.0	1,160.0	0.0	1,160.0	1,206.1
9/6/2003	jps	1,591,385	5	0.2	19,783.0	177	437	46.6	1,162.7	0.0	1,162.7	1,209.5
9/12/2003	jps	1,604,199	5	0.2	19,921.0	177	437	47.2	1,162.7	0.0	1,162.7	1,210.1
9/17/2003	jps	1,614,877	5	0.2	20,041.0	177	437	47.6	1,164.8	0.0	1,164.8	1,212.6
9/20/2003	jps	1,621,284	5	0.2	20,121.0	177	244	47.8	1,164.8	0.0	1,164.8	1,212.8
9/26/2003	jps	1,634,098	5	0.2	20,251.0	177	437	48.3	1,168.2	0.0	1,168.2	1,216.7
9/27/2003	jps	1,636,233	5	0.2	20,289.0	177	437	48.4	1,168.9	0.0	1,168.9	1,217.6
10/2/2003	jps	1,646,911	5	0.2	20,398.0	181	437	48.9	1,168.9	0.0	1,168.9	1,218.0
10/12/2003	jps	1,668,267	5	0.2	20,648.0	185	437	49.9	1,168.9	0.0	1,168.9	1,219.0
10/20/2003	jps	1,685,352	5	0.2	20,835.0	185	437	50.6	1,169.3	0.0	1,169.3	1,220.1
10/23/2003	jps	1,691,759	5	0.2	20,904.0	181	437	50.9	1,169.6	0.0	1,169.6	1,220.8
10/25/2003	jps	1,696,030	5	0.2	21,045.0	179	236	51.2	1,169.6	0.0	1,169.6	1,221.1
11/4/2003	jps	1,717,386	5	0.2	21,199.0	181	437	51.8	1,174.5	0.0	1,174.5	1,226.5
11/10/2003	jps	1,730,199	5	0.2	21,330.0	181	437	52.3	1,174.5	0.0	1,174.5	1,227.0
11/17/2003	jps	1,745,149	5	0.2	21,504.0	210	437	53.1	1,176.6	0.0	1,176.6	1,230.0
11/23/2003	jps	1,757,962	5	0.2	21,624.0	206	437	53.7	1,178.7	0.0	1,178.7	1,232.6

Table 2

## Hydrocarbon and Groundwater Recovery (Barrels)

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	(bbls)	(bbls)	(bbls)	(bbls)
11/27/2003	jps	1,766,505	5	0.2	21,740.0	210	437	54.2	1,178.9	0.0	1,178.9	1,233.4
11/30/2003	jps	1,772,911	5	0.2	21,816.0	210	437	54.6	1,179.2	0.0	1,179.2	1,233.9
12/2/2003	jps	1,779,351	5	0.2	21,864.0	210	437	54.8	1,179.3	0.0	1,179.3	1,234.3
12/5/2003	jps	1,789,010	5	0.2	21,937.0	210	437	55.1	1,179.3	0.0	1,179.3	1,234.6
12/8/2003	jps	1,798,670	5	0.2	22,008.0	210	437	55.4	1,179.3	0.0	1,179.3	1,234.9
12/10/2003	jps	1,805,109	5	0.2	22,057.0	210	437	55.7	1,179.8	0.0	1,179.8	1,235.7
12/11/2003	jps	1,808,329	5	0.2	22,082.0	210	437	55.8	1,179.9	0.0	1,179.9	1,235.9
12/14/2003	jps	1,817,989	5	0.2	22,165.0	210	437	56.2	1,180.2	0.0	1,180.2	1,236.6
12/15/2003	jps	1,821,208	5	0.2	22,202.0	210	437	56.3	1,180.4	0.0	1,180.4	1,236.9
12/20/2003	jps	1,837,307	5	0.2	22,323.0	206	437	56.9	1,180.6	0.0	1,180.6	1,237.7
12/23/2003	jps	1,846,967	5	0.2	22,364.0	206	437	57.1	1,180.7	0.0	1,180.7	1,238.0
12/26/2003	jps	1,856,626	5	0.2	22,467.0	206	437	57.5	1,181.0	0.0	1,181.0	1,238.7
1/2/2004	jps	1,879,165	5	0.2	22,605.0	206	437	58.2	1,181.5	0.0	1,181.5	1,239.9
1/3/2004	jps	1,882,385	5	0.2	22,626.0	202	437	58.2	1,182.6	0.0	1,182.6	1,241.1
1/14/2004	jps	1,905,876	5	0.2	22,891.0	202	437	59.4	1,184.7	0.0	1,184.7	1,244.4
1/18/2004	jps	1,914,419	5	0.2	22,999.0	202	437	59.9	1,185.8	0.0	1,185.8	1,245.9
1/21/2004	jps	1,920,825	5	0.2	23,064.0	202	437	60.2	1,185.8	0.0	1,185.8	1,246.2
2/3/2004	jps	1,948,588	5	0.2	23,377.0	202	437	61.6	1,187.2	0.0	1,187.2	1,249.0
2/4/2004	jps	1,951,808	5	0.2	23,404.0	193	437	61.7	1,187.3	0.0	1,187.3	1,249.2
2/5/2004	jps	1,955,028	5	0.2	23,422.0	188	437	61.7	1,187.9	0.0	1,187.9	1,249.9
2/9/2004	jps	1,967,907	5	0.2	23,512.0	188	437	62.1	1,188.6	0.0	1,188.6	1,250.9
2/11/2004	jps	1,974,347	5	0.2	23,562.0	186	437	62.3	1,190.0	0.0	1,190.0	1,252.5
2/12/2004	jps	1,977,566	5	0.2	23,587.0	191	437	62.4	1,190.2	0.0	1,190.2	1,252.9
2/18/2004	jps	2,013,654	5	0.2	23,733.0	191	437	63.0	1,192.1	0.0	1,192.1	1,255.3
2/19/2004	jps	2,014,891	5	0.2	23,751.0	186	437	63.1	1,192.4	0.0	1,192.4	1,255.8
2/20/2004	jps	2,018,126	5	0.2	23,781.0	186	437	63.2	1,193.5	0.0	1,193.5	1,256.9
3/16/2004	jps	2,075,507	5	0.2	24,362.0	190	437	65.6	1,199.7	0.0	1,199.7	1,265.6
3/17/2004	jps	2,077,636	5	0.2	24,390.0	190	437	65.8	1,199.8	0.0	1,199.8	1,265.8
3/26/2004	jps	2,096,904	5	0.2	24,606.0	190	437	66.7	1,201.8	0.0	1,201.8	1,268.7
4/4/2004	jps	2,111,271	5	0.3	24,822.0	190	437	67.6	1,202.0	0.0	1,202.0	1,269.8
4/5/2004	jps	2,113,092	5	0.3	24,870.0	190	437	67.8	1,202.1	0.0	1,202.1	1,270.1
4/7/2004	jps	2,118,019	5	0.3	24,892.0	190	437	67.8	1,202.1	0.0	1,202.1	1,270.2
4/8/2004	jps	2,119,958	5	0.3	24,915.0	186	437	67.9	1,202.8	0.0	1,202.8	1,271.0
4/11/2004	jps	2,120,714	5	0.3	24,987.0	186	437	68.2	1,202.8	0.0	1,202.8	1,271.3
4/14/2004	jps	2,125,860	5	0.3	25,132.0	186	437	68.8	1,203.2	0.0	1,203.2	1,272.3
4/23/2004	jps	2,125,886	5	0.3	25,274.0	186	437	69.4	1,203.5	0.0	1,203.5	1,273.1
4/27/2004	jps	2,126,012	5	0.3	25,371.0	186	437	69.8	1,203.6	0.0	1,203.6	1,273.6
5/3/2004	jps	2,145,331	5	0.3	25,520.0	227	437	70.5	1,204.0	0.0	1,204.0	1,274.8
5/7/2004	jps	2,149,446	5	0.3	25,609.0	227	437	71.0	1,205.3	0.0	1,205.3	1,276.5
5/11/2004	jps	2,156,639	5	0.3	25,704.0	227	437	71.4	1,206.6	0.0	1,206.6	1,278.3
5/19/2004	jps	2,182,398	5	0.3	25,723.0	227	437	71.5	1,208.7	0.0	1,208.7	1,280.5
5/20/2004	jps	2,185,617	5	0.3	25,732.0	227	437	71.6	1,209.4	0.0	1,209.4	1,281.2
5/22/2004	jps	2,192,057	5	0.3	25,780.0	227	437	71.8	1,213.5	0.0	1,213.5	1,285.6
5/30/2004	jps	2,217,815	5	0.3	25,974.0	227	437	72.8	1,216.9	0.0	1,216.9	1,289.9
6/15/2004	jps	2,266,112	5	0.3	26,167.0	228	437	73.7	1,221.5	0.0	1,221.5	1,295.6



**Table 2**

**Hydrocarbon and Groundwater Recovery (Barrels)**

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank	Returned	Removed	Removed
6/17/2004	jps	2,272,552	5	0.3	26,209.0	228	437	73.9	1,221.8	0.0	1,221.8	1,296.0
6/20/2004	jps	2,282,211	5	0.3	26,314.0	228	437	74.5	1,222.4	0.0	1,222.4	1,297.1
6/25/2004	jps	2,298,310	5	0.3	26,408.0	228	437	74.9	1,222.9	0.0	1,222.9	1,298.1
6/26/2004	jps	2,299,270	5	0.3	26,431.0	228	437	75.1	1,223.2	0.0	1,223.2	1,298.5
7/2/2004	jps	2,304,241	5	0.3	26,571.0	228	437	75.7	1,223.3	0.0	1,223.3	1,299.4
7/3/2004	jps	2,306,015	5	0.3	26,539.0	228	437	75.7	1,223.3	0.0	1,223.3	1,299.4
7/4/2004	jps	2,307,575	5	0.3	26,619.0	228	437	76.1	1,223.5	0.0	1,223.5	1,299.9
7/7/2004	jps	2,312,956	5	0.3	26,690.0	228	437	76.5	1,223.6	0.0	1,223.6	1,300.3
7/9/2004	jps	2,315,921	5	0.3	26,745.0	228	437	76.8	1,223.6	0.0	1,223.6	1,300.6
7/12/2004	jps	2,317,645	5	0.3	26,809.0	228	437	77.1	1,223.6	0.0	1,223.6	1,300.9
7/14/2004	jps	2,319,603	5	0.3	26,858.0	228	437	77.3	1,223.7	0.0	1,223.7	1,301.3
7/19/2004	jps	2,324,870	5	0.3	26,969.0	228	437	77.9	1,223.7	0.0	1,223.7	1,301.9
8/5/2004	jps	2,329,914	5	0.3	27,381.0	219	437	79.9	1,223.9	0.0	1,223.9	1,304.1
8/7/2004	jps	2,330,780	5	0.3	27,438.0	219	437	80.1	1,223.9	0.0	1,223.9	1,304.3
8/9/2004	jps	2,330,780	5	0.3	27,481.0	219	437	80.3	1,223.9	0.0	1,223.9	1,304.5
8/10/2004	jps	2,330,780	5	0.3	27,502.0	219	437	80.4	1,223.9	0.0	1,223.9	1,304.7
8/11/2004	jps	2,330,781	5	0.3	27,530.0	219	437	80.6	1,224.0	0.0	1,224.0	1,304.9
8/18/2004	jps	2,331,714	5	0.3	27,699.0	219	437	81.4	1,224.2	0.0	1,224.2	1,305.8
8/22/2004	jps	2,332,479	5	0.3	27,793.0	219	437	81.8	1,224.3	0.0	1,224.3	1,306.4
8/23/2004	jps	2,332,481	5	0.3	27,818.0	161	437	81.9	1,224.4	0.0	1,224.4	1,306.6
8/24/2004	jps	2,332,483	5	0.3	27,838.0	120	437	82.0	1,225.2	0.0	1,225.2	1,307.4
8/25/2004	jps	2,333,537	5	0.3	27,861.0	120	437	82.0	1,225.7	0.0	1,225.7	1,308.0
8/26/2004	jps	2,333,738	5	0.3	27,884.0	95	437	82.1	1,225.8	0.0	1,225.8	1,308.2
8/28/2004	jps	2,335,239	5	0.3	27,933.0	95	437	82.2	1,226.2	0.0	1,226.2	1,308.6
8/30/2004	jps	2,336,045	5	0.3	27,980.0	95	437	82.3	1,226.5	0.0	1,226.5	1,309.0
9/1/2004	jps	2,336,955	5	0.3	28,032.0	95	437	82.4	1,226.8	0.0	1,226.8	1,309.5
9/3/2004	jps	2,338,691	5	0.3	28,083.0	95	437	82.5	1,226.8	0.0	1,226.8	1,309.6
9/5/2004	jps	2,340,466	5	0.3	28,134.0	95	437	82.6	1,227.1	0.0	1,227.1	1,310.0
9/7/2004	jps	2,342,255	5	0.3	28,178.0	95	437	82.7	1,227.5	0.0	1,227.5	1,310.4
9/9/2004	jps	2,345,212	5	0.3	28,225.0	95	437	82.8	1,228.4	0.0	1,228.4	1,311.5
9/19/2004	jps	2,359,365	5	0.3	28,468.0	95	437	83.3	1,231.0	0.0	1,231.0	1,314.6
9/29/2004	jps	2,370,837	5	0.3	28,704.0	95	437	83.8	1,232.8	0.0	1,232.8	1,316.9
10/1/2004	jps	2,377,277	5	0.3	28,751.0	95	437	83.9	1,232.8	0.0	1,232.8	1,317.0
10/4/2004	jps	2,379,744	5	0.3	28,824.0	95	437	84.0	1,233.9	0.0	1,233.9	1,318.3
10/5/2004	jps	2,381,426	5	0.3	28,847.0	95	437	84.1	1,234.9	0.0	1,234.9	1,319.3
10/7/2004	jps	2,385,108	2	0.3	28,896.0	95	437	84.2	1,236.1	0.0	1,236.1	1,320.6
10/11/2004	jps	2,391,913	2	0.3	28,983.0	95	437	84.4	1,238.0	0.0	1,238.0	1,322.7
10/15/2004	jps	2,399,838	2	0.3	29,082.0	95	437	84.6	1,238.6	0.0	1,238.6	1,323.5
10/17/2004	jps	2,405,333	2	0.3	28,847.0	95	437	84.6	1,240.8	0.0	1,240.8	1,325.7
10/18/2004	jps	2,406,556	2	0.3	29,155.0	95	437	85.2	1,241.4	0.0	1,241.4	1,326.9
10/20/2004	jps	2,412,996	2	0.3	29,190.0	95	437	85.3	1,243.9	0.0	1,243.9	1,329.4
10/22/2004	jps	2,415,608	2	0.3	29,251.0	95	437	85.4	1,248.1	0.0	1,248.1	1,333.8
10/25/2004	jps	2,422,468	2	0.3	29,324.0	95	437	85.6	1,254.5	0.0	1,254.5	1,340.4
10/26/2004	jps	2,424,865	2	0.3	29,346.0	95	437	85.6	1,256.8	0.0	1,256.8	1,342.7
11/4/2004	jps	2,447,276	2	0.3	29,545.0	95	437	86.0	1,262.8	0.0	1,262.8	1,349.1

**Table 2**

**Hydrocarbon and Groundwater Recovery (Barrels)**

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank	Returned	Removed	Removed
									(bbls)	(bbls)	(bbls)	(bbls)
11/8/2004	jps	2,459,522	2	0.3	29,654.0	95	437	86.3	1,263.4	0.0	1,263.4	1,350.0
11/15/2004	jps	2,481,975	2	0.3	29,808.0	95	437	86.6	1,264.1	0.0	1,264.1	1,351.0
11/25/2004	jps	2,520,110	2	0.3	30,065.0	95	437	87.1	1,264.4	0.0	1,264.4	1,351.8
11/29/2004	jps	2,535,617	2	0.3	30,168.0	95	437	87.3	1,264.8	0.0	1,264.8	1,352.4
12/1/2004	jps	2,545,090	2	0.3	30,218.0	95	437	87.4	1,265.1	0.0	1,265.1	1,352.8
12/6/2004	jps	2,570,630	2	0.3	30,334.0	95	437	87.7	1,265.8	0.0	1,265.8	1,353.7
12/11/2004	jps	2,581,531	2	0.3	30,450.0	95	437	87.9	1,266.1	0.0	1,266.1	1,354.3
12/14/2004	jps	2,588,854	2	0.3	30,527.0	95	437	88.1	1,266.5	0.0	1,266.5	1,354.8
12/19/2004	jps	2,594,288	2	0.3	30,647.0	95	437	88.3	1,266.7	0.0	1,266.7	1,355.3
12/22/2004	jps	2,598,158	2	0.3	30,719.0	95	437	88.5	1,266.8	0.0	1,266.8	1,355.6
12/25/2004	jps	2,603,083	2	0.3	30,792.0	95	437	88.6	1,267.1	0.0	1,267.1	1,356.0
12/31/2004	jps	2,617,491	2	0.3	30,931.0	95	437	88.9	1,268.4	0.0	1,268.4	1,357.6
1/7/2005	jps	2,636,891	2	0.3	31,106.0	95	437	89.3	1,269.5	0.0	1,269.5	1,359.0
1/10/2005	jps	2,645,880	2	0.3	31,173.0	91	437	89.4	1,269.8	0.0	1,269.8	1,359.5
1/14/2005	jps	2,647,327	2	0.3	31,226.0	91	437	89.5	1,270.5	0.0	1,270.5	1,360.3
1/19/2005	jps	2,672,814	2	0.3	31,386.0	95	437	89.8	1,271.2	0.0	1,271.2	1,361.4
1/25/2005	jps	2,692,381	2	0.3	31,536.0	91	437	90.1	1,272.1	0.0	1,272.1	1,362.5
2/5/2005	jps	2,724,462	2	0.3	31,798.0	95	437	90.7	1,272.3	0.0	1,272.3	1,363.3
2/7/2005	jps	2,730,012	2	0.3	31,848.0	91	437	90.8	1,272.7	0.0	1,272.7	1,363.7
2/16/2005	jps	2,756,272	2	0.3	32,057.0	91	437	91.2	1,273.1	0.0	1,273.1	1,364.6
2/23/2005	jps	2,777,589	2	0.3	32,230.0	91	437	91.5	1,274.2	0.0	1,274.2	1,366.1
3/4/2005	jps	2,804,692	2	0.3	32,440.0	29	437	91.7	1,275.0	0.0	1,275.0	1,367.0
3/8/2005	jps	2,817,182	2	0.3	32,542.0	92	437	91.9	1,275.5	0.0	1,275.5	1,367.7
3/16/2005	jps	2,841,442	2	0.3	32,734.0	94	437	92.3	1,277.3	0.0	1,277.3	1,369.9
3/25/2005	jps	2,863,593	2	0.3	32,945.0	94	437	92.7	1,280.1	0.0	1,280.1	1,373.1
3/31/2005	jps	2,876,812	2	0.3	33,073.0	92	437	93.0	1,280.3	0.0	1,280.3	1,373.6
4/5/2005	jps	2,892,901	2	0.3	33,212.0	92	437	93.2	1,282.1	0.0	1,282.1	1,375.7
4/13/2005	jps	2,913,851	2	0.3	33,403.0	92	437	93.6	1,284.0	0.0	1,284.0	1,377.9
4/28/2005	jps	2,936,408	2	0.3	33,766.0	90	437	94.3	1,286.9	0.0	1,286.9	1,381.5
5/5/2005	jps	2,938,404	2	0.3	33,930.0	90	437	94.7	1,289.0	0.0	1,289.0	1,383.9
5/10/2005	jps	2,939,414	2	0.3	34,051.0	90	437	94.9	1,289.7	0.0	1,289.7	1,384.9
5/22/2005	jps	2,961,523	2	0.3	34,340.0	90	437	95.5	1,291.5	0.0	1,291.5	1,387.2
6/2/2005	jps	2,978,753	0	0.3	34,604.0	94	594	96.2	1,292.0	0.0	1,292.0	1,388.5
6/4/2005	jps	2,981,693	0	0.3	34,647.0	94	594	96.3	1,292.1	0.0	1,292.1	1,388.7
6/9/2005	jps	2,990,092	0	0.3	34,813.0	94	594	96.8	1,292.7	0.0	1,292.7	1,389.8
6/12/2005	jps	2,997,173	0	0.3	34,843.0	94	594	96.9	1,293.9	0.0	1,293.9	1,391.0
6/25/2005	jps	3,030,788	0	0.3	35,150.0	94	594	97.7	1,297.2	0.0	1,297.2	1,395.2
7/2/2005	jps	3,036,152	0	0.3	35,319.0	94	594	98.2	1,298.6	0.0	1,298.6	1,397.1
7/17/2005	jps	3,041,875	0	0.3	35,683.0	94	594	99.2	1,299.5	0.0	1,299.5	1,399.0
8/2/2005	jps	3,063,357	0	0.3	36,063.0	94	594	100.3	1,299.6	0.0	1,299.6	1,400.2
8/3/2005	jps	3,065,630	0	0.3	36,087.0	94	594	100.3	1,299.7	0.0	1,299.7	1,400.3
8/6/2005	jps	3,075,032	0	0.3	36,162.0	92	594	100.5	1,299.9	0.0	1,299.9	1,400.8
8/19/2005	jps	3,097,414	0	0.3	36,472.0	95	594	101.4	1,300.7	0.0	1,300.7	1,402.4
8/20/2005	jps	3,098,192	0	0.3	36,495.0	95	594	101.5	1,300.9	0.0	1,300.9	1,402.7
8/23/2005	jps	3,100,483	0	0.3	36,567.0	95	594	101.7	1,301.0	0.0	1,301.0	1,403.0

**Table 2**

**Hydrocarbon and Groundwater Recovery (Barrels)**

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank	Returned	Removed	Removed
									(bbls)	(bbls)	(bbls)	(bbls)
9/4/2005	jps	3,108,817	0	0.3	36,880.0	95	594	102.6	1,302.3	0.0	1,302.3	1,405.2
9/8/2005	jps	3,111,063	0	0.3	36,947.0	93	594	102.8	1,302.9	0.0	1,302.9	1,406.0
9/19/2005	jps	3,117,274	0	0.3	37,211.0	93	594	103.5	1,303.4	0.0	1,303.4	1,407.2
9/21/2005	jps	3,119,381	0	0.3	37,261.0	93	594	103.6	1,303.7	0.0	1,303.7	1,407.7
12/19/2005	jps	3,122,508	0	0.3	37,359.0	95	42	103.6	1,305.8	0.0	1,305.8	1,409.7
12/22/2005	jps	3,125,901	0	0.3	37,427.0	95	42	103.7	1,306.1	0.0	1,306.1	1,410.1
12/26/2005	jps	3,125,901	0	0.3	37,529.0	95	42	103.7	1,306.1	0.0	1,306.1	1,410.1
12/29/2005	jps	3,131,988	0	0.3	37,595.0	95	42	103.7	1,306.1	0.0	1,306.1	1,410.1
1/8/2006	jps	3,143,688	0	0.3	37,844.0	95	55	103.8	1,306.1	0.0	1,306.1	1,410.2
1/10/2006	jps	3,143,647	0	0.3	37,884.0	95	55	103.8	1,306.1	0.0	1,306.1	1,410.2
1/13/2006	jps	3,147,614	0	0.3	37,955.0	95	55	103.8	1,306.1	0.0	1,306.1	1,410.2
1/17/2006	jps	3,152,257	0	0.3	38,051.0	95	55	103.8	1,306.1	0.0	1,306.1	1,410.2
1/25/2006	jps	3,162,607	0	0.3	38,243.0	95	55	103.9	1,306.1	0.0	1,306.1	1,410.3
2/4/2006	jps	3,177,261	0	0.3	38,510.0	95	77	104.0	1,306.1	0.0	1,306.1	1,410.4
2/11/2006	jps	3,184,295	0	0.3	38,628.0	95	77	104.0	1,306.1	0.0	1,306.1	1,410.4
2/19/2006	jps	3,197,754	0	0.3	38,848.0	95	77	104.1	1,306.1	0.0	1,306.1	1,410.5
3/8/2006	jps	3,213,449	0	0.3	39,225.0	95	65	104.2	1,308.1	0.0	1,308.1	1,412.7
3/9/2006	jps	3,214,854	0	0.3	39,249.0	95	65	104.2	1,308.1	0.0	1,308.1	1,412.7
4/6/2006	jps	3,251,409	0	0.3	39,917.0	95	26	104.3	1,308.1	0.0	1,308.1	1,412.7
4/10/2006	jps	3,255,995	0	0.3	40,010.0	95	26	104.3	1,308.1	0.0	1,308.1	1,412.8
4/12/2006	jps	3,259,013	0	0.3	40,060.0	95	26	104.3	1,308.1	0.0	1,308.1	1,412.8
4/15/2006	jps	3,261,959	0	0.3	40,127.0	95	26	104.3	1,308.1	0.0	1,308.1	1,412.8
4/17/2006	jps	3,264,873	0	0.3	40,184.0	95	26	104.3	1,308.1	0.0	1,308.1	1,412.8
4/28/2006	jps	3,276,876	0	0.3	40,445.0	95	26	104.4	1,308.1	0.0	1,308.1	1,412.8
5/4/2006	jps	3,286,067	0	0.3	40,589.0	95	42	104.4	1,308.1	0.0	1,308.1	1,412.8
5/8/2006	jps	3,292,229	0	0.3	40,687.0	95	50	104.4	1,308.1	0.0	1,308.1	1,412.9
5/27/2006	jps	3,317,235	0	0.3	41,120.0	95	50	104.5	1,308.1	0.0	1,308.1	1,413.0
5/29/2006	jps	3,322,690	0	0.3	41,187.0	95	50	104.5	1,308.1	0.0	1,308.1	1,413.0
5/30/2006	jps	3,323,946	0	0.3	41,209.0	95	50	104.5	1,308.1	0.0	1,308.1	1,413.0
6/14/2006	jps	3,337,283	0	0.3	41,578.0	95	50	104.6	1,308.1	0.0	1,308.1	1,413.1
6/17/2006	jps	3,337,283	0	0.3	41,650.0	86	50	104.6	1,308.1	0.0	1,308.1	1,413.1
7/1/2006	jps	3,340,316	0	0.3	41,955.0	95	50	104.7	1,308.1	0.0	1,308.1	1,413.2
7/5/2006	jps	3,347,807	0	0.3	42,043.0	95	57	104.7	1,308.1	0.0	1,308.1	1,413.2
7/7/2006	jps	3,351,111	0	0.3	42,105.0	95	57	104.7	1,308.1	0.0	1,308.1	1,413.2
7/8/2006	jps	3,352,103	0	0.3	42,120.0	95	57	104.7	1,308.1	0.0	1,308.1	1,413.2
7/9/2006	jps	3,355,089	0	0.3	42,151.0	95	57	104.8	1,308.1	0.0	1,308.1	1,413.2
7/20/2006	jps	3,377,806	0	0.3	42,404.0	95	57	104.8	1,308.1	0.0	1,308.1	1,413.3
8/1/2006	jps	3,405,268	0	0.3	42,702.0	95	10	104.8	1,308.1	0.0	1,308.1	1,413.3
8/4/2006	jps	3,410,463	0	0.3	42,767.0	95	10	104.8	1,308.1	0.0	1,308.1	1,413.3
8/14/2006	jps	3,434,631	0	0.3	42,988.0	95	9	104.9	1,308.1	0.0	1,308.1	1,413.3
8/17/2006	jps	3,440,209	0	0.3	43,064.0	95	9	104.9	1,308.1	0.0	1,308.1	1,413.3
8/25/2006	jps	3,461,646	0	0.3	43,259.0	97	9	104.9	1,308.1	0.0	1,308.1	1,413.3
9/5/2006	jps	3,485,682	0	0.3	43,517.0	95	9	104.9	1,308.1	0.0	1,308.1	1,413.3
9/8/2006	jps	3,492,495	0	0.3	43,590.0	95	9	104.9	1,308.1	0.0	1,308.1	1,413.3
9/16/2006	jps	3,505,173	0	0.3	43,780.0	95	9	104.9	1,308.1	0.0	1,308.1	1,413.3

## Table 2

# Hydrocarbon and Groundwater Recovery (Barrels)

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product	Returned	Removed	
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	(bbls)	(bbls)	(bbls)	
9/19/2006	jps	3,507,973	0	0.3	43,840.0	95	9	104.9	1,308.1	0.0	1,308.1	1,413.3
9/26/2006	jps	3,517,353	0	0.3	44,017.0	95	9	104.9	1,308.1	0.0	1,308.1	1,413.3
10/1/2006	jps	3,525,074	0	0.3	44,136.0	95	8	104.9	1,308.1	0.0	1,308.1	1,413.4
10/16/2006	jps	3,547,456	0	0.3	44,500.0	95	8	104.9	1,308.1	0.0	1,308.1	1,413.4
11/8/2006	jps	3,597,319	0	0.3	45,047.0	95	8	104.9	1,308.1	0.0	1,308.1	1,413.4
11/18/2006	jps	3,622,573	0	0.3	45,289.0	93	8	104.9	1,309.5	0.0	1,309.5	1,414.7
11/26/2006	jps	3,639,333	0	0.3	45,481.0	95	8	105.0	1,310.2	0.0	1,310.2	1,415.4
12/7/2006	jps	3,658,576	0	0.3	45,743.0	95	8	105.0	1,311.7	0.0	1,311.7	1,417.0
12/17/2006	jps	3,672,963	0	0.3	45,986.0	95	8	105.0	1,312.9	0.0	1,312.9	1,418.2
12/22/2006	jps	3,678,169	0	0.3	46,100.0	95	8	105.0	1,314.5	0.0	1,314.5	1,419.7
12/28/2006	jps	3,685,436	0	0.3	46,253.0	95	8	105.0	1,314.5	0.0	1,314.5	1,419.7
1/4/2007	jps	3,692,348	0	0.3	46,409.0	95	8	105.0	1,315.2	0.0	1,315.2	1,420.5
1/11/2007	jps	3,700,793	0	0.3	46,586.0	95	8	105.0	1,315.2	0.0	1,315.2	1,420.5
1/16/2007	jps	3,708,324	0	0.3	46,704.0	95	8	105.0	1,315.2	0.0	1,315.2	1,420.5
1/26/2007	jps	3,708,326	0	0.3	46,757.0	95	8	105.0	1,315.2	0.0	1,315.2	1,420.5
1/27/2007	jps	3,708,326	0	0.3	46,773.0	95	8	105.0	1,315.2	0.0	1,315.2	1,420.5
1/30/2007	jps	3,709,237	0	0.3	46,815.0	95	37	105.0	1,315.2	0.0	1,315.2	1,420.5
2/2/2007	jps	3,712,889	0	0.3	46,877.0	95	37	105.0	1,316.0	0.0	1,316.0	1,421.3
2/3/2007	jps	3,714,006	0	0.3	46,905.0	95	37	105.0	1,316.0	0.0	1,316.0	1,421.3
2/10/2007	jps	3,724,492	0	0.3	47,080.0	95	37	105.1	1,316.0	0.0	1,316.0	1,421.3
2/15/2007	jps	3,731,793	0	0.3	47,196.0	95	37	105.1	1,316.0	0.0	1,316.0	1,421.4
2/16/2007	jps	3,733,057	0	0.3	47,217.0	95	37	105.1	1,316.0	0.0	1,316.0	1,421.4
2/17/2007	jps	3,735,455	0	0.3	47,241.0	95	37	105.1	1,316.0	0.0	1,316.0	1,421.4
2/18/2007	jps	3,736,624	0	0.3	47,263.0	95	37	105.1	1,316.0	0.0	1,316.0	1,421.4
2/23/2007	jps	3,744,748	0	0.3	47,390.0	95	37	105.1	1,316.0	0.0	1,316.0	1,421.4
2/27/2007	jps	3,750,650	0	0.3	47,480.0	95	37	105.1	1,316.0	0.0	1,316.0	1,421.4
3/3/2007	jps	3,758,639	0	0.3	47,597.0	95	37	105.1	1,316.7	0.0	1,316.7	1,422.2
3/6/2007	jps	3,762,703	0	0.3	47,647.0	95	17	105.1	1,316.7	0.0	1,316.7	1,422.2
3/8/2007	jps	3,766,880	0	0.3	47,698.0	95	17	105.2	1,316.7	0.0	1,316.7	1,422.2
3/10/2007	jps	3,771,222	0	0.3	47,752.0	95	17	105.2	1,316.7	0.0	1,316.7	1,422.2
3/11/2007	jps	3,772,863	0	0.3	47,774.0	95	17	105.2	1,316.7	0.0	1,316.7	1,422.2
3/18/2007	jps	3,787,788	0	0.3	47,941.0	95	17	105.2	1,316.7	0.0	1,316.7	1,422.2
3/23/2007	jps	3,800,722	0	0.3	48,057.0	95	17	105.2	1,316.7	0.0	1,316.7	1,422.2
3/31/2007	jps	3,813,789	0	0.3	48,195.0	95	17	105.2	1,316.7	0.0	1,316.7	1,422.2
4/2/2007	jps	3,818,093	0	0.3	48,245.0	95	17	105.2	1,317.5	0.0	1,317.5	1,423.0
4/11/2007	jps	3,843,643	0	0.3	48,468.0	95	17	105.2	1,317.5	0.0	1,317.5	1,423.0
4/28/2007	jps	3,881,351	0	0.3	48,818.0	95	17	105.2	1,317.5	0.0	1,317.5	1,423.0
5/1/2007	jps	3,889,450	0	0.3	48,889.0	95	17	105.2	1,318.3	0.0	1,318.3	1,423.8
5/12/2007	jps	3,916,399	0	0.3	49,149.0	95	17	105.3	1,318.3	0.0	1,318.3	1,423.8
5/17/2007	jps	3,931,865	0	0.3	49,268.0	95	17	105.3	1,318.3	0.0	1,318.3	1,423.8
5/25/2007	jps	3,945,848	0	0.3	49,399.0	95	17	105.3	1,318.3	0.0	1,318.3	1,423.9
5/28/2007	jps	3,945,848	0	0.3	49,399.0	97	11	105.3	1,318.3	0.0	1,318.3	1,423.9
6/26/2007	jps	3,945,848	0	0.3	49,401.0	93	7	105.3	1,319.0	0.0	1,319.0	1,424.6
6/30/2007	jps	3,981,565	0	0.3	49,401.0	93	7	105.3	1,319.0	0.0	1,319.0	1,424.6
7/17/2007	jps	4,001,525	0	0.3	49,401.0	93	38	105.3	1,319.8	0.0	1,319.8	1,425.4

**Table 2**

**Hydrocarbon and Groundwater Recovery (Barrels)**

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH	Product	Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	(bbls)	(bbls)	(bbls)	(bbls)
7/24/2007	jps	4,008,756	0	0.3	49,404.0	93	38	105.3	1,319.8	0.0	1,319.8	1,425.4
7/25/2007	jps	4,009,735	0	0.3	49,413.0	93	38	105.3	1,319.8	0.0	1,319.8	1,425.4
7/30/2007	jps	4,012,985	0	0.3	49,565.0	93	38	105.3	1,319.8	0.0	1,319.8	1,425.4
8/3/2007	jps	4,016,485	0	0.3	49,655.0	93	34	105.3	1,320.5	0.0	1,320.5	1,426.2
8/5/2007	jps	4,018,890	0	0.3	49,710.0	93	34	105.3	1,320.5	0.0	1,320.5	1,426.2
8/10/2007	jps	4,022,553	0	0.3	49,821.0	93	34	105.4	1,320.5	0.0	1,320.5	1,426.2
8/11/2007	jps	4,023,801	0	0.3	49,854.0	93	34	105.4	1,320.5	0.0	1,320.5	1,426.2
8/31/2007	jps	4,041,906	0	0.3	50,326.0	93	34	105.4	1,320.5	0.0	1,320.5	1,426.3
9/2/2007	jps	4,044,773	0	0.3	50,381.0	93	36	105.4	1,321.3	0.0	1,321.3	1,427.0
9/12/2007	jps	4,054,853	0	0.3	50,616.0	93	36	105.5	1,321.3	0.0	1,321.3	1,427.1
9/15/2007	jps	4,058,248	0	0.3	50,692.0	93	36	105.5	1,321.3	0.0	1,321.3	1,427.1
10/1/2007	jps	4,072,449	0	0.3	51,064.0	93	12	105.5	1,322.0	0.0	1,322.0	1,427.9
10/8/2007	jps	4,078,713	0	0.3	51,233.0	93	13	105.5	1,322.0	0.0	1,322.0	1,427.9
11/1/2007	jps	4,102,922	0	0.3	51,816.0	93	122	105.9	1,322.0	0.0	1,322.0	1,428.2
11/8/2007	jps	4,109,646	0	0.3	51,979.0	93	122	106.0	1,322.0	0.0	1,322.0	1,428.3
11/23/2007	jps	4,123,896	0	0.3	52,343.0	93	122	106.2	1,322.0	0.0	1,322.0	1,428.5
11/29/2007	jps	4,129,596	0	0.3	52,487.0	93	122	106.2	1,322.0	0.0	1,322.0	1,428.6
12/1/2007	jps	4,131,496	0	0.3	52,531.0	93	12	106.2	1,322.0	0.0	1,322.0	1,428.6
12/11/2007	jps	4,139,596	0	0.3	52,773.0	93	12	106.3	1,322.0	0.0	1,322.0	1,428.6
1/6/2008	jps	4,162,996	0	0.3	53,399.0	86	8	106.3	1,322.0	0.0	1,322.0	1,428.6
1/7/2008	jps	4,163,921	0	0.3	53,422.0	86	8	106.3	1,322.0	0.0	1,322.0	1,428.6
1/8/2008	jps	4,164,846	0	0.3	53,440.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
1/10/2008	jps	4,166,119	0	0.3	53,488.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
1/11/2008	jps	4,168,635	0	0.3	53,512.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
1/15/2008	jps	4,171,067	0	0.3	53,608.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
1/21/2008	jps	4,177,981	0	0.3	53,752.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
1/22/2008	jps	4,177,981	0	0.3	53,776.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
1/26/2008	jps	4,182,833	0	0.3	53,872.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
1/29/2008	jps	4,186,339	0	0.3	53,944.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
2/5/2008	jps	4,193,217	0	0.3	54,107.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
2/15/2008	jps	4,203,239	0	0.3	54,350.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
2/22/2008	jps	4,219,352	0	0.3	54,514.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
2/29/2008	jps	4,234,620	0	0.3	54,693.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
3/15/2008	jps	4,259,872	0	0.3	55,045.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
3/23/2008	jps	4,277,716	0	0.3	55,241.0	86	8	106.3	1,322.2	0.0	1,322.2	1,428.8
3/31/2008	jps	4,293,803	0	0.3	55,426.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.8
4/26/2008	jps	4,331,721	0	0.3	56,050.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
4/30/2008	jps	4,336,848	0	0.3	56,142.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
5/5/2008	jps	4,344,663	0	0.3	56,270.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
5/16/2008	jps	4,357,314	0	0.3	56,536.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
5/26/2008	jps	4,367,561	0	0.3	56,766.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
5/27/2008	jps	4,368,765	0	0.3	56,790.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
6/1/2008	jps	4,375,329	0	0.3	56,917.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
6/9/2008	jps	4,384,667	0	0.3	57,100.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
6/13/2008	jps	4,389,320	0	0.3	57,197.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9

**Table 2**

**Hydrocarbon and Groundwater Recovery (Barrels)**

Site: 106.001

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	PSH Returned	Product Removed	Total Removed
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product			
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank			
6/26/2008	jps	4,398,196	0	0.3	57,388.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9
6/30/2008	jps	4,399,831	0	0.3	57,489.0	86	8	106.4	1,322.2	0.0	1,322.2	1,428.9

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							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-1	01/26/98	85-87	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
MW-2	01/27/98	85-87	NA	NA	NA	NA	112	2,681	ND	NA	NA	NA	NA
B-1	01/28/98	90-92	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
B-2	01/28/98	90-92	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
B-3	01/29/98	85-97	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
MW-3	01/25/99	10-12	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
		20-22	Benzene - <0.020 Toluene - <0.020 Ethyl Benzene - <0.020 Xylene (total) - <0.040	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
		50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
		85-87	Benzene - 0.46 Toluene - 6.64 Ethyl Benzene - 15.80 Xylene (total) - 24.2	NA	NA	NA	NA	NA	11,500	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - 0.109 Xylene (total) - 0.121	NA	NA	NA	NA	NA	917	NA	NA	NA	NA
MW-4	01/25/99	50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	NA	15	NA	NA	NA	NA
		85-87	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	NA	1,330	NA	NA	NA	NA

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 MTBE - methyl tert-butyl ether  
 NA - not analyzed

ND - none detected  
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							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-4	01/25/99	87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - 0.183	NA	NA	NA	NA	85	NA	NA	NA	NA	NA
MW-5	01/26/99	10-12	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		20-22	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	12	NA	NA	NA	NA	NA
		85-87	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
MW-6	01/27/99	0-2	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		10-12	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

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							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-6	01/27/99	20-22	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		85-87	Benzene - 0.29 Toluene - 2.34 Ethyl Benzene - 4.86 Xylene (total) - 15.21	NA	NA	NA	NA	8,480	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - 0.112 Ethyl Benzene - 0.246 Xylene (total) - 1.152	NA	NA	NA	NA	486	NA	NA	NA	NA	NA
MW-7	01/27/99	50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		85-87	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	435	NA	NA	NA	NA	NA
		87-89	Benzene - <0.10 Toluene - <0.10 Ethyl Benzene - <0.10 Xylene (total) - <0.20	NA	NA	NA	NA	14	NA	NA	NA	NA	NA
MW-8	01/28/99	0-2	Benzene - <0.10 Toluene - <0.10 Ethyl Benzene - 0.82 Xylene (total) - 4.48	NA	NA	NA	NA	5,770	NA	NA	NA	NA	NA

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Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-8	01/28/99	10-12	Benzene - <0.020 Toluene - <0.020 Ethyl Benzene - <0.020 Xylene (total) - <0.040	NA	NA	NA	NA	75	NA	NA	NA	NA	NA
		20-22	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		85-87	Benzene - <0.050 Toluene - 0.078 Ethyl Benzene - 0.231 Xylene (total) - 2.315	NA	NA	NA	NA	541	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	63	NA	NA	NA	NA	NA
MW-9	01/29/99	10-12	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - 0.075 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		20-22	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		50-55	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

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Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-9	01/29/99	85-87	Benzene - <0.050 Toluene - 0.140 Ethyl Benzene - 1.328 Xylene (total) - 2.247	NA	NA	NA	NA	1,080	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - 0.272 Xylene (total) - 0.583	NA	Acenaphthene - 0.14 Fluorene - 0.24 Naphthalene - 0.41 Phenanthrene - 0.34	NA	NA	4,370	NA	NA	NA	NA	NA
MW-10	02/03/99	0-2	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		50-55	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		85-87	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
MW-11	02/03/99	10-12	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		20-22	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

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 NA - not analyzed

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							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-11	02/03/99	50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		85-87	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
MW-12	02/04/99	0-2	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		85-87	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA
MW-13	10/18/99	2-4	Benzene - <0.050 Toluene - 0.187 Ethyl Benzene - 0.964 Xylene (total) - 7.23	NA	NA	NA	NA	5,230	NA	NA	NA	NA	NA

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							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-13	10/18/99	50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - 0.051 Xylene (total) - <0.100	NA	NA	NA	NA	2.56	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
MW-14	10/19/99	0-2	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	5.07	NA	NA	NA	NA	NA
		50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	2.32	NA	NA	NA	NA	NA
		86-88	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	3.10	NA	NA	NA	NA	NA
MW-15	10/18/99	0-2	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - 0.244 Xylene (total) - <0.100	NA	NA	NA	NA	1.70	NA	NA	NA	NA	NA
		50-52	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - 0.053 Xylene (total) - <0.100	NA	NA	NA	NA	1.91	NA	NA	NA	NA	NA
		87-89	Benzene - <0.050 Toluene - <0.050 Ethyl Benzene - <0.050 Xylene (total) - <0.100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

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							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-16	12/18/01	6-7	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - 0.0158	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		24-25	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		45-46	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - 0.0276	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		64-65	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		85-86	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
MW-17	12/18/01	10-11	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		30-31	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		50-51	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA

Definitions:

BTEX - benzene, toluene, ethyl benzene, and xylene  
 DRO - diesel range organics  
 GRO - gasoline range organics  
 mg/kg - milligram per kilogram  
 MTBE - methyl tert-butyl ether  
 NA - not analyzed

ND - none detected  
 ORO - oil range organics  
 PAHs - polycyclic aromatic hydrocarbons  
 RCRA - Resource Conservation and Recovery Act  
 TPH - total petroleum hydrocarbon

**Table 3. Summary of Laboratory Analytical Results for Soil**

Technical Infeasibility Proposal  
 Jal Basin Station  
 Jal, Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-17	12/18/01	70-71	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
	12/19/01	90-91	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
MW-18	12/20/01	10-11	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - 0.0211	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		70-71	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		80-81	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		82-83	Benzene - <0.100 Toluene - 0.166 Ethyl Benzene - 1.89 Xylene (total) - 2.93	NA	NA	NA	303	4,640	NA	NA	NA	NA	NA
		84-85	Benzene - <0.200 Toluene - 4.23 Ethyl Benzene - 19.2 Xylene (total) - 25.6	NA	Naphthalene - 8.91 Phenanthrene - 8.73 Fluoranthene - 7.39 Pyrene - 2.79	NA	1,119	27,400	NA	NA	NA	NA	NA
MW-19 (SB-1)	12/19/01	10-12	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA

Definitions:

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 DRO - diesel range organics  
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**Table 3. Summary of Laboratory Analytical Results for Soil**

Technical Infeasibility Proposal  
 Jal Basin Station  
 Jal, Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-19 (SB-1)	12/19/01	40-42	Benzene - <0.020 Toluene - 0.170 Ethyl Benzene - 1.89 Xylene (total) - 2.45	NA	NA	NA	108	795	NA	NA	NA	NA	NA
		50-52	Benzene - <0.100 Toluene - 0.255 Ethyl Benzene - 5.89 Xylene (total) - 6.62	NA	NA	NA	401	1,220	NA	NA	NA	NA	NA
		70-72	Benzene - <0.050 Toluene - 0.128 Ethyl Benzene - 3.62 Xylene (total) - 3.90	NA	NA	NA	238	4,070	NA	NA	NA	NA	NA
		86-88	Benzene - 0.587 Toluene - 6.27 Ethyl Benzene - 23.2 Xylene (total) - 29.9	NA	NA	NA	1,023	9,090	NA	NA	NA	NA	NA
	12/20/01	98-100	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - 0.017 Xylene (total) - 0.027	NA	NA	NA	7.63	ND	NA	NA	NA	NA	NA
MW-20 (SB-3)	12/21/01	10-11	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		60-61	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - 0.0116 Xylene (total) - <0.010	NA	NA	NA	3.98	ND	NA	NA	NA	NA	NA
		80-81	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA

Definitions:

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 DRO - diesel range organics  
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**Table 3. Summary of Laboratory Analytical Results for Soil**

Technical Infeasibility Proposal  
 Jal Basin Station  
 Jal, Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-20 (SB-3)	12/21/01	82-83	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	125	NA	NA	NA	NA	NA
		84-86	Benzene - 0.54 Toluene - 8.48 Ethyl Benzene - 30.9 Xylene (total) - 38.8	NA	NA	NA	1,225	2,250	NA	NA	NA	NA	NA
MW-21	12/12/02	10-10.5	Benzene - <0.00283 Toluene - <0.00446 Ethylbenzene - <0.00666 Xylene (isomers) - <0.0174	MTBE - 0.0249	NA	NA	ND	ND	NA	NA	NA	NA	NA
		40-40.5	Benzene - <0.00252 Toluene - <0.00409 Ethylbenzene - <0.00483 Xylene (isomers) - <0.0136	MTBE - 0.0149	NA	NA	ND	ND	NA	NA	NA	NA	NA
		75-75.5	Benzene - <0.00248 Toluene - <0.00403 Ethylbenzene - <0.00476 Xylene (isomers) - <0.0134	MTBE - 0.0158	NA	NA	ND	ND	NA	NA	NA	NA	NA
		86-88	Benzene - <0.00270 Toluene - <0.00439 Ethylbenzene - <0.00518 Xylene (isomers) - <0.0146	MTBE - 0.0146	NA	NA	ND	ND	NA	NA	NA	NA	NA
		88-90	Benzene - <0.00273 Toluene - <0.00444 Ethylbenzene - <0.00524 Xylene (isomers) - <0.0148	MTBE - 0.0165	NA	NA	ND	ND	NA	NA	NA	NA	NA
MW-22	12/13/02	10-10.5	Benzene - <0.00250 Toluene - <0.00406 Ethylbenzene - <0.00479 Xylene (isomers) - <0.0135	ND	NA	NA	ND	ND	NA	NA	NA	NA	NA

Definitions:

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 MTBE - methyl tert-butyl ether  
 NA - not analyzed

ND - none detected  
 ORO - oil range organics  
 PAHs - polycyclic aromatic hydrocarbons  
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**Table 3. Summary of Laboratory Analytical Results for Soil**

Technical Infeasibility Proposal  
 Jal Basin Station  
 Jal, Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-22	12/13/02	50-50.5	Benzene - <0.00248 Toluene - <0.00402 Ethylbenzene - <0.00475 Xylene (isomers) - <0.0134	MTBE - 0.0158	NA	NA	ND	ND	NA	NA	NA	NA	NA
		84-86	Benzene - <0.00259 Toluene - <0.00420 Ethylbenzene - 0.0127 Xylene (isomers) - <0.0140	MTBE - 0.0177	NA	NA	13.8	517	NA	NA	NA	NA	NA
		86-88	Benzene - <0.0508 Toluene - <0.0826 Ethylbenzene - 0.296 Xylene (isomers) - 1.08	ND	Phenanthrene - 2.07 Anthracene - 0.442	NA	276	4,540	NA	NA	NA	NA	NA
		88-90	Benzene - <0.0130 Toluene - 0.0451 Ethylbenzene - 0.163 Xylene (isomers) - 0.447	ND	NA	NA	98.7	2,740	NA	NA	NA	NA	NA
MW-23	12/07/05	0-1	Benzene - <0.0200 Toluene - <0.00300 Ethyl Benzene - <0.0250 Xylene (total) - <0.0500	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
		94	Benzene - <0.0149 Toluene - 0.0981 Ethyl Benzene - 0.719 Xylene (total) - 1.760	NA	NA	NA	NA	NA	NA	559	5,200	ND	5,760
	12/08/05	119	Benzene - <0.0152 Toluene - 0.120 Ethyl Benzene - 0.932 Xylene (total) - 2.037	NA	NA	NA	NA	NA	NA	516	4,200	ND	4,710
MW-24	12/09/05	0-1	Benzene - <0.0150 Toluene - <0.00226 Ethyl Benzene - <0.0188 Xylene (total) - <0.0376	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND

Definitions:

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 NA - not analyzed

ND - none detected  
 ORO - oil range organics  
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**Table 3. Summary of Laboratory Analytical Results for Soil**

Technical Infeasibility Proposal  
 Jal Basin Station  
 Jal, Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
MW-24	12/09/05	91	Benzene - <0.0172 Toluene - 0.00560 Ethyl Benzene - 0.284 Xylene (total) - 1.104	NA	NA	NA	NA	NA	NA	325	1,630	ND	1,960
	12/10/05	115	Benzene - <0.0200 Toluene - <0.00300 Ethyl Benzene - <0.0250 Xylene (total) - <0.0500	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
SB-2	12/19/01	10-11	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		50-51	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
	12/20/01	80-81	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - <0.010	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA
		82-83	Benzene - <0.010 Toluene - <0.010 Ethyl Benzene - <0.010 Xylene (total) - 0.015	NA	NA	NA	16	861	NA	NA	NA	NA	NA
		84-86	Benzene - 0.469 Toluene - 7.28 Ethyl Benzene - 16.7 Xylene (total) - 25.4	NA	NA	NA	961	5,400	NA	NA	NA	NA	NA

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 MTBE - methyl tert-butyl ether  
 NA - not analyzed

ND - none detected  
 ORO - oil range organics  
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**Table 3. Summary of Laboratory Analytical Results for Soil**

Technical Infeasibility Proposal  
 Jal Basin Station  
 Jal, Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
SB-4	05/17/11	9-10	Benzene - <0.0015 Toluene - <0.0015 Ethyl Benzene - <0.0015 Xylene (total) - <0.0040	ND	ND	Arsenic - <1.9 Barium - 22.9 Cadmium - <0.93 Chromium - 6.0 Lead - 3.1 Mercury - <0.039 Selenium - <1.9 Silver - <0.93	ND	ND	ND	NA	NA	NA	NA
		69-70	Benzene - <0.0015 Toluene - <0.0015 Ethyl Benzene - <0.0015 Xylene (total) - <0.0039	ND	ND	Arsenic - <2.0 Barium - <20 Cadmium - <0.99 Chromium - 6.0 Lead - <2.0 Mercury - <0.042 Selenium - <2.0 Silver - <0.99	ND	6.23	11.3	NA	NA	NA	NA
		84-85	Benzene - <0.140 Toluene - <0.140 Ethyl Benzene - <0.140 Xylene (total) - <0.390	ND	ND	Arsenic - <1.9 Barium - 29.2 Cadmium - <0.97 Chromium - 2.3 Lead - <1.9 Mercury - <0.041 Selenium - <1.9 Silver - <0.97	7,420	2,200	ND	NA	NA	NA	NA
SB-5	05/18/11	9-10	Benzene - <0.0015 Toluene - <0.0015 Ethyl Benzene - <0.0015 Xylene (total) - <0.0040	ND	ND	Arsenic - <1.9 Barium - 21.9 Cadmium - <0.94 Chromium - 5.2 Lead - 2.7 Mercury - <0.038 Selenium - <1.9 Silver - <0.94	ND	23.9	44.7	NA	NA	NA	NA

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 NA - not analyzed

ND - none detected  
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 PAHs - polycyclic aromatic hydrocarbons  
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**Table 3. Summary of Laboratory Analytical Results for Soil**

Technical Infeasibility Proposal  
 Jal Basin Station  
 Jal, Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (feet)	BTEX (mg/kg)	Oxygenates (mg/kg)	PAHs (mg/kg)	RCRA 8 Metals (mg/kg)	TPH						
							C5-C10 (TPH-GRO) (mg/kg)	C10-C28 (TPH-DRO) (mg/kg)	C28-C44 (TPH-ORO) (mg/kg)	C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	C6-C35 (mg/kg)
SB-5	05/18/11	64-65	Benzene - <0.0015 Toluene - <0.0015 Ethyl Benzene - <0.0015 Xylene (total) - <0.0039	ND	ND	Arsenic - <1.8 Barium - <18 Cadmium - <0.92 Chromium - 7.5 Lead - 1.8 Mercury - <0.037 Selenium - <1.8 Silver - <0.92	ND	ND	ND	NA	NA	NA	NA
		84-85	Benzene - <0.140 Toluene - <0.140 Ethyl Benzene - <0.140 Xylene (total) - <0.390	ND	ND	Arsenic - <1.9 Barium - <19 Cadmium - <0.93 Chromium - 3.4 Lead - <1.9 Mercury - <0.037 Selenium - <1.9 Silver - <0.93	ND	1,360	ND	NA	NA	NA	NA

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 MTBE - methyl tert-butyl ether  
 NA - not analyzed

ND - none detected  
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**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	11/28/2005	0		U,U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	11/28/2005	0		U,U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/7/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	11/28/2005	0		U,U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/28/2005	0		U,U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/7/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	11/28/2005	0		U,U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	11/28/2005	0		U,U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/7/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	11/28/2005	0		U,U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/7/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	11/28/2005	0		U,U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/7/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	11/28/2005	0		U,U	2.8E-04	
1,1-Dichloropropene	8260	11/7/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	11/28/2005	0		U,U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/7/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	11/28/2005	0		Q-2	3.1E-04	
1,2,3-Trichloropropane	8260	11/7/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	11/28/2005	0		U,U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/7/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	11/28/2005	0		U,U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/7/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	11/28/2005	0		Q-2	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/7/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	11/28/2005	0		U,U	5.0E-04	
1,2-Dichlorobenzene	8260	11/7/2006	0			2.9E-04	
1,2-Dichloroethane	8260	11/28/2005	0		U,U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/7/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	11/28/2005	0		U,U	1.3E-04	
1,2-Dichloropropane	8260	11/7/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	11/28/2005	0		U,U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/7/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	11/28/2005	0		U,U	5.0E-04	
1,3-Dichlorobenzene	8260	11/7/2006	0			2.1E-04	
1,3-Dichloropropane	8260	11/28/2005	0		U,U	1.4E-04	
1,3-Dichloropropane	8260	11/7/2006	0			2.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,4-Dichlorobenzene	8260	11/28/2005	0		U,U	5.0E-04	
1,4-Dichlorobenzene	8260	11/7/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/18/2011	0			5.0E-03	3.0E-02
2,2-Dichloropropane	8260	11/28/2005	0		U,U	1.1E-04	
2,2-Dichloropropane	8260	11/7/2006	0			2.5E-04	
2-Butanone	8260	11/28/2005	0		U,U	4.7E-04	
2-Butanone	8260	11/7/2006	0			3.1E-03	
2-Chlorotoluene	8260	11/28/2005	0		U,U	5.0E-04	
2-Chlorotoluene	8260	11/7/2006	0			1.5E-04	
2-Hexanone	8260	11/28/2005	0		U,U	3.9E-04	
2-Hexanone	8260	11/7/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/18/2011	0			5.0E-03	3.0E-02
4-Chlorotoluene	8260	11/28/2005	0		U,U	1.3E-04	
4-Chlorotoluene	8260	11/7/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	11/28/2005	0		U,U	3.7E-04	
4-Methyl-2-pentanone	8260	11/7/2006	0			1.5E-03	
Acenaphthene	8270	12/19/2004	0		U	4.2E-05	3.0E-02
Acenaphthene	8270	11/28/2005	0		U,U	3.4E-03	3.0E-02
Acenaphthene	8270	3/3/2006	0		U	1.8E-03	3.0E-02
Acenaphthene	8270	11/7/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/20/2010	0				3.0E-02
Acenaphthene	8270	3/18/2011	0			5.0E-03	3.0E-02
Acenaphthylene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	11/28/2005	0		U,U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/3/2006	0		U	1.7E-03	3.0E-02
Acenaphthylene	8270	11/7/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/11/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/20/2010	0				3.0E-02
Acenaphthylene	8270	3/18/2011	0			5.0E-03	3.0E-02
Acetone	8260	11/28/2005	0		U,U	3.8E-04	
Acetone	8260	11/7/2006	0			4.0E-03	
Anthracene	8270	12/19/2004	0		U	4.7E-05	3.0E-02
Anthracene	8270	11/28/2005	0		U,U	3.3E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Anthracene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Anthracene	8270	11/7/2006	0			9.5E-04	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/11/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/20/2010	0				3.0E-02
Anthracene	8270	3/18/2011	0			4.0E-03	3.0E-02
Antimony	6020	11/28/2005	0		Q-1	2.0E-04	
Arsenic	6010	12/19/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	11/28/2005	0		I-0	2.0E-01	1.0E-01
Arsenic	6010	11/7/2006	0	3.1E-02			1.0E-01
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Arsenic	6010	6/13/2008	0	1.5E-01			1.0E-01
Arsenic	6010	8/25/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/6/2008	0	3.0E-03			1.0E-01
Arsenic	6020	3/11/2009	0	9.0E-03			1.0E-01
Arsenic	6020	2/20/2010	0	1.5E-02			1.0E-01
Arsenic	3050	3/18/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2004	0	1.4E-01			1.0E+00
Barium	6020	11/28/2005	0	1.4E-01			1.0E+00
Barium	6010	11/7/2006	0	3.2E-01			1.0E+00
Barium	6010	11/3/2007	0	2.8E-02			1.0E+00
Barium	6010	6/13/2008	0			3.0E-03	1.0E+00
Barium	6010	8/25/2008	0	1.9E-02			1.0E+00
Barium	6020	12/6/2008	0	1.7E-02			1.0E+00
Barium	6020	3/11/2009	0	1.8E-02			1.0E+00
Barium	6020	2/20/2010	0	2.3E-02			1.0E+00
Barium	3050	3/18/2011	0			1.0E-01	1.0E+00
Benzene	8021	3/17/2004	0			1.7E-03	1.0E-02
Benzene	8021	6/26/2004	0			1.7E-03	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/19/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	1.4E-04	1.0E-02
Benzene	8021	6/25/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	9/17/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	11/28/2005	0		U,U	5.0E-04	1.0E-02
Benzene	8021	3/3/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/3/2006	0	4.2E-05	J		1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/7/2006	0			3.1E-04	1.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/27/2008	0			5.0E-04	1.0E-02
Benzene	8260	6/13/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/25/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/6/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/11/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/20/2010	0				1.0E-02
Benzene	8260	3/18/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	11/28/2005	0	1.8E-02			
Benzo(a)anthracene	8270	12/19/2004	0		U	9.9E-05	3.0E-02
Benzo(a)anthracene	8270	11/28/2005	0		U,U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		U	1.3E-03	3.0E-02
Benzo(a)anthracene	8270	11/7/2006	0			9.5E-04	3.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/20/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/18/2011	0			2.0E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2004	0		U	1.4E-04	7.0E-04
Benzo(a)pyrene	8270	11/28/2005	0		U,U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/3/2006	0		U	1.0E-03	7.0E-04
Benzo(a)pyrene	8270	11/7/2006	0			9.5E-04	7.0E-04
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	12/6/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/11/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/20/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/18/2011	0			2.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/19/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	3/3/2006	0		U	1.9E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/7/2006	0			9.5E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/18/2011	0			2.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/28/2005	0		U,U	2.2E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(g,h,i)perylene	8270	3/3/2006	0		U	9.1E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/7/2006	0			9.5E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/20/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/18/2011	0			2.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/19/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		U	1.7E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/7/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/18/2011	0			2.0E-03	3.0E-02
Beryllium	6020	11/28/2005	0		U,U	5.0E-03	
Bromobenzene	8260	11/28/2005	0		U,U	1.6E-04	
Bromobenzene	8260	11/7/2006	0			3.5E-04	
Bromochloromethane	8260	11/28/2005	0		U,U	1.8E-04	
Bromochloromethane	8260	11/7/2006	0			5.5E-04	
Bromodichloromethane	8260	11/28/2005	0		U,U	1.3E-04	
Bromodichloromethane	8260	11/7/2006	0			1.9E-04	
Bromoform	8260	11/28/2005	0		U,U	5.0E-04	
Bromoform	8260	11/7/2006	0			3.2E-04	
Bromomethane	8260	11/28/2005	0		U,U	1.9E-04	
Bromomethane	8260	11/7/2006	0			2.7E-04	
Cadmium	6010	12/19/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	11/28/2005	0		U,U	1.6E-02	1.0E-02
Cadmium	6010	11/7/2006	0	2.6E-03			1.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/13/2008	0	3.2E-02			1.0E-02
Cadmium	6010	8/25/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/6/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/11/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/20/2010	0				1.0E-02
Cadmium	3050	3/18/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	11/28/2005	0		U,U	1.0E-03	
Carbon disulfide	8260	11/7/2006	0			1.8E-04	
Carbon Tetrachloride	8260	11/28/2005	0		U,U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/7/2006	0			2.2E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chloride	300.0	11/28/2005	0	2.4E+02			2.5E+02
Chlorobenzene	8260	11/28/2005	0		U,U	5.0E-04	
Chlorobenzene	8260	11/7/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/7/2006	0			4.8E-04	
Chloroethane	8260	11/28/2005	0		U,U	1.3E-04	
Chloroethane	8260	11/7/2006	0			3.5E-04	
Chloroform	8260	11/28/2005	0		U,U	1.1E-04	1.0E-01
Chloroform	8260	11/7/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	11/28/2005	0		U,U	5.0E-04	
Chloromethane	8260	11/7/2006	0			3.1E-04	
Chromium	6010	12/19/2004	0	4.0E-02			5.0E-02
Chromium	6020	11/28/2005	0		I-0	6.0E-02	5.0E-02
Chromium	6010	11/7/2006	0	5.6E-01			5.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/13/2008	0			1.5E-03	5.0E-02
Chromium	6010	8/25/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/6/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/11/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/20/2010	0				5.0E-02
Chromium	3050	3/18/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	11/28/2005	0		U,U	2.1E-03	3.0E-02
Chrysene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Chrysene	8270	11/7/2006	0			9.5E-04	3.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/6/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/11/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/20/2010	0				3.0E-02
Chrysene	8270	3/18/2011	0			2.0E-03	3.0E-02
cis-1,2-Dichloroethene	8260	11/28/2005	0		U,U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/7/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	11/28/2005	0		U,U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/7/2006	0			2.7E-04	
Cyanide (total)	335.2	11/28/2005	0		U,U	5.0E-02	
Di Isopropyl Ether	8260	12/6/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/11/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	11/28/2005	0		U,U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/7/2006	0			1.1E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/11/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/20/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/18/2011	0			2.0E-03	3.0E-02
Dibenzofuran	8270	11/28/2005	0		U,U	3.5E-03	
Dibromochloromethane	8260	11/28/2005	0		U,U	1.1E-04	
Dibromomethane	8260	11/28/2005	0		U,U	2.7E-04	
Dibromomethane	8260	11/7/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	11/28/2005	0		U,U	5.0E-04	
Dichlorodifluoromethane	8260	11/7/2006	0			2.9E-04	
Diisopropyl ether	8260	11/28/2005	0		U,U	1.0E-03	
Diisopropyl Ether	8260	11/7/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/20/2010	0				
Di-Isopropyl ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/6/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/11/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/20/2010	0				
Ethyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	11/28/2005	0		U,U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/7/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	3/17/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	6/26/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/19/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0		U	5.5E-04	7.5E-01
Ethylbenzene	8021	6/25/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	9/17/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	11/28/2005	0		U,U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/3/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/3/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/7/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/27/2008	0			5.0E-04	7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8260	6/13/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/25/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/6/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/11/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/20/2010	0				7.5E-01
Ethylbenzene	8260	3/18/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	11/28/2005	0		U,U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/7/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	11/28/2005	0		U,U	2.9E-03	3.0E-02
Fluoranthene	8270	3/3/2006	0		U	1.4E-03	3.0E-02
Fluoranthene	8270	11/7/2006	0			9.5E-04	3.0E-02
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/20/2010	0				3.0E-02
Fluoranthene	8270	3/18/2011	0			3.0E-03	3.0E-02
Fluorene	8270	12/19/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	11/28/2005	0		U,U	3.7E-03	3.0E-02
Fluorene	8270	3/3/2006	0		U	1.4E-03	3.0E-02
Fluorene	8270	11/7/2006	0			9.5E-04	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/11/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/20/2010	0				3.0E-02
Fluorene	8270	3/18/2011	0			6.0E-03	3.0E-02
Fluoride	300.0	11/28/2005	0	3.0E+00			1.6E+00
Hexachlorobutadiene	8260	11/28/2005	0		U,U	1.9E-04	
Hexachlorobutadiene	8260	11/7/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/28/2005	0		U,U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/7/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/11/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/20/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/18/2011	0			2.0E-03	3.0E-02
Isopropylbenzene	8260	11/28/2005	0		U,U	5.0E-04	
Isopropylbenzene	8260	11/7/2006	0			2.3E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Lead	6010	12/19/2004	0		U	3.1E-03	5.0E-02
Lead	6020	11/28/2005	0	7.7E-03	Q-1		5.0E-02
Lead	6010	11/7/2006	0	2.0E-02			5.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Lead	6010	6/13/2008	0	6.4E-02			5.0E-02
Lead	6010	8/25/2008	0			4.0E-03	5.0E-02
Lead	6020	12/6/2008	0			1.0E-03	5.0E-02
Lead	6020	3/11/2009	0			1.0E-03	5.0E-02
Lead	6020	2/20/2010	0				5.0E-02
Lead	3050	3/18/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	11/28/2005	0		U,U	1.0E-03	
m,p-Xylene	8260	6/13/2008	0			1.0E-03	
m,p-Xylene	8260	8/25/2008	0			1.0E-03	
m,p-Xylene	8260	12/6/2008	0			1.0E-03	
m,p-Xylene	8260	3/11/2009	0			1.0E-03	
m,p-Xylenes	8021	2/27/2008	0			1.4E-03	
m,p-Xylenes	8260	2/20/2010	0				
Methyl tert butyl Ether	8260	12/6/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/11/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/20/2010	0				
Methyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	11/28/2005	0		U,U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/7/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Methylene Chloride	8260	11/28/2005	0		U,U	1.5E-02	1.0E-01
Methylene Chloride	8260	11/7/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	2.3E-04	
Naphthalene	8270	12/19/2004	0		U	4.5E-05	3.0E-02
Naphthalene	8270	11/28/2005	0		U,U	4.3E-03	3.0E-02
Naphthalene	8260	11/28/2005	0		U,U	2.4E-04	3.0E-02
Naphthalene	8270	3/3/2006	0		U	1.7E-03	3.0E-02
Naphthalene	8270	11/7/2006	0			1.2E-03	3.0E-02
Naphthalene	8260	11/7/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	12/6/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/11/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/20/2010	0				3.0E-02
Naphthalene	8270	3/18/2011	0			5.0E-03	3.0E-02
n-Butylbenzene	8260	11/28/2005	0		U,U	5.0E-04	
n-Butylbenzene	8260	11/7/2006	0			7.8E-04	

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Nickel	6020	11/28/2005	0	1.2E-01			
Nitrate as NO3	300.0	11/28/2005	0	7.9E+01	HT-		
n-Propylbenzene	8260	11/28/2005	0		U,U	5.0E-04	
n-Propylbenzene	8260	11/7/2006	0			2.0E-04	
o-Xylene	8260	11/28/2005	0		U,U	1.0E-04	
o-Xylene	8021	2/27/2008	0			5.0E-04	
o-Xylene	8260	6/13/2008	0			5.0E-04	
o-Xylene	8260	8/25/2008	0			5.0E-04	
o-Xylene	8260	12/6/2008	0			5.0E-04	
o-Xylene	8260	3/11/2009	0			5.0E-04	
o-Xylene	8260	2/20/2010	0				
pH	150.1	11/28/2005	0	7.3E+00	H-0		
Phenanthrene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Phenanthrene	8270	11/28/2005	0		U,U	3.0E-03	3.0E-02
Phenanthrene	8270	3/3/2006	0		U	1.4E-03	3.0E-02
Phenanthrene	8270	11/7/2006	0			9.5E-04	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/11/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/20/2010	0				3.0E-02
Phenanthrene	8270	3/18/2011	0			5.0E-03	3.0E-02
p-Isopropyltoluene	8260	11/28/2005	0		U,U	1.4E-04	
p-Isopropyltoluene	8260	11/7/2006	0			2.1E-04	
Pyrene	8270	12/19/2004	0		U	9.0E-05	3.0E-02
Pyrene	8270	11/28/2005	0		U,U	2.0E-03	3.0E-02
Pyrene	8270	3/3/2006	0		U	1.3E-03	3.0E-02
Pyrene	8270	11/7/2006	0			9.5E-04	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/11/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/20/2010	0				3.0E-02
Pyrene	8270	3/18/2011	0			3.0E-03	3.0E-02
sec-Butylbenzene	8260	11/28/2005	0		U,U	5.0E-04	
sec-Butylbenzene	8260	11/7/2006	0			2.4E-04	
Selenium	6010	12/19/2004	0	1.6E-01			5.0E-02
Selenium	6020	11/28/2005	0		I-0	1.0E-01	5.0E-02
Selenium	6010	11/7/2006	0	2.6E-02			5.0E-02
Selenium	6010	11/3/2007	0	2.0E-02			5.0E-02
Selenium	6010	6/13/2008	0			3.0E-03	5.0E-02
Selenium	6010	8/25/2008	0	1.5E-02			5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Selenium	6020	12/6/2008	0	1.3E-02			5.0E-02
Selenium	6020	3/11/2009	0	1.0E-02			5.0E-02
Selenium	6020	2/20/2010	0	1.3E-02			5.0E-02
Selenium	3050	3/18/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2004	0		U	2.0E-04	5.0E-02
Silver	6020	11/28/2005	0	9.3E-03			5.0E-02
Silver	6010	11/7/2006	0	1.2E-02			5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Silver	6010	6/13/2008	0			1.0E-03	5.0E-02
Silver	6010	8/25/2008	0			1.0E-03	5.0E-02
Silver	6020	12/6/2008	0			1.0E-03	5.0E-02
Silver	6020	3/11/2009	0			1.0E-03	5.0E-02
Silver	6020	2/20/2010	0				5.0E-02
Silver	3050	3/18/2011	0			5.0E-03	5.0E-02
Styrene	8260	11/28/2005	0		U,U	5.0E-04	
Styrene	8260	11/7/2006	0			1.4E-04	
Sulfate	300.0	11/28/2005	0	1.7E+03			6.0E+02
tert-amyl methyl ether	8260	11/28/2005	0		U,U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/7/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/6/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/11/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/20/2010	0				
Tert-Amyl Methyl Ether	8260	3/18/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	11/28/2005	0		U,U	5.8E-04	
tert-butyl alcohol	8260	12/6/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/11/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/20/2010	0				
Tert-Butyl Alcohol	8260	3/18/2011	0			5.0E-03	
tert-Butylbenzene	8260	11/28/2005	0		U,U	1.1E-04	
tert-Butylbenzene	8260	11/7/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/7/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			1.5E-03	7.5E-01
Toluene	8021	6/26/2004	0			1.5E-03	7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/19/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0		U	2.5E-04	7.5E-01
Toluene	8021	6/25/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	9/17/2005	0		U	1.0E-03	7.5E-01



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8260	11/28/2005	0		U,U	1.4E-04	7.5E-01
Toluene	8021	3/3/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/3/2006	0	5.0E-05	J		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/7/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/27/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/13/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/25/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/6/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/11/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/20/2010	0				7.5E-01
Toluene	8260	3/18/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/27/2008	0			0.0E+00	
Total Dissolved Solids	160.1	11/28/2005	0	3.1E+03			
Total Mercury	7470	12/19/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	11/28/2005	0		U,U	2.0E-04	2.0E-03
Total Mercury	7470	11/7/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/13/2008	0	1.0E-04			2.0E-03
Total Mercury	7470	8/25/2008	0	1.0E-04			2.0E-03
Total Mercury	7470	12/6/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/11/2009	0	5.0E-04			2.0E-03
Total Mercury	7470	2/20/2010	0				2.0E-03
Total Mercury	7471	3/18/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	6/26/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/19/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0		U	1.6E-03	6.2E-01
Total Xylenes	8021	6/25/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	9/17/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/3/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/3/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/7/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-01**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/27/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	6/13/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/25/2008	0				6.2E-01
Total Xylenes	8260	3/18/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	11/28/2005	0		U,U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/7/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	11/28/2005	0		U,U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/7/2006	0			3.1E-04	
Trichlorofluoromethane	8260	11/28/2005	0		U,U	1.8E-04	
Trichlorofluoromethane	8260	11/7/2006	0			2.6E-04	
Vinyl acetate	8260	11/28/2005	0		U,U	2.8E-04	
Vinyl Chloride	8260	11/28/2005	0		U,U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/7/2006	0			2.6E-04	1.0E-03

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/13/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	12/13/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/7/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/13/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/13/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/7/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/13/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/13/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/7/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	12/13/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/7/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/13/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/7/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/13/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/7/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	12/13/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/7/2006	0			3.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,3-Trichloropropane	8260	12/13/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/7/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	12/13/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/7/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	12/13/2005	0	2.3E-02			
1,2,4-Trimethylbenzene	8260	11/7/2006	0	2.4E-02			
1,2-Dibromo-3-chloropropane	8260	12/13/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/7/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/7/2006	0			2.9E-04	
1,2-Dichloroethane	8260	12/13/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/7/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/13/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/7/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	12/13/2005	0	7.5E-03			
1,3,5-Trimethylbenzene	8260	11/7/2006	0	3.1E-03			
1,3-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/7/2006	0			2.1E-04	
1,3-Dichloropropane	8260	12/13/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/7/2006	0			2.1E-04	
1,4-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/7/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0	9.4E-03			3.0E-02
2,2-Dichloropropane	8260	12/13/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/7/2006	0			2.5E-04	
2-Butanone	8260	12/13/2005	0	2.3E-03	J		
2-Butanone	8260	11/7/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/13/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/7/2006	0			1.5E-04	
2-Hexanone	8260	12/13/2005	0		U	3.9E-04	
2-Hexanone	8260	11/7/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0			4.8E-03	3.0E-02
4-Chlorotoluene	8260	12/13/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/7/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	12/13/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/7/2006	0			1.5E-03	
Acenaphthene	8270	12/13/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/3/2006	0	2.6E-01			3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/7/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	11/5/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	2/22/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/13/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/3/2006	0		U	1.5E-02	3.0E-02
Acenaphthylene	8270	11/7/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/5/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	2/22/2010	0				3.0E-02
Acenaphthylene	8270	3/20/2011	0			4.8E-03	3.0E-02
Acetone	8260	12/13/2005	0	3.2E-03	J		
Acetone	8260	11/7/2006	0			4.0E-03	
Anthracene	8270	12/13/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/3/2006	0		U	9.0E-03	3.0E-02
Anthracene	8270	11/7/2006	0			9.4E-04	3.0E-02
Anthracene	8270	11/5/2007	0			1.1E-03	3.0E-02
Anthracene	8270	2/22/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.8E-03	3.0E-02
Arsenic	6020	12/13/2005	0	8.6E-02			1.0E-01
Arsenic	6010	11/7/2006	0	1.3E-01			1.0E-01
Arsenic	6010	11/5/2007	0	1.5E-02			1.0E-01
Arsenic	6020	2/22/2010	0	1.6E-02			1.0E-01
Arsenic	6010	10/24/2010	0			6.6E-03	1.0E-01
Arsenic	3050	3/20/2011	0			3.0E-02	1.0E-01
Barium	6020	12/13/2005	0	1.5E+00			1.0E+00
Barium	6010	11/7/2006	0	9.2E-01			1.0E+00
Barium	6010	11/5/2007	0	9.9E-01			1.0E+00
Barium	6020	2/22/2010	0	2.6E+00			1.0E+00
Barium	6010	10/24/2010	0	1.2E+00			1.0E+00
Barium	3050	3/20/2011	0	1.9E+00			1.0E+00
Benzene	8260	12/13/2005	0	3.5E-03			1.0E-02
Benzene	8021	3/3/2006	0	4.7E-04	Q-1		1.0E-02
Benzene	8021	6/6/2006	0		R-0		1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/7/2006	0	7.6E-03			1.0E-02
Benzene	8021	2/23/2007	0	1.1E-02			1.0E-02
Benzene	8021	5/21/2007	0	3.3E-03			1.0E-02
Benzene	8021	8/21/2007	0	4.6E-03			1.0E-02
Benzene	8021	11/5/2007	0	5.8E-03			1.0E-02
Benzene	8021	2/26/2008	0	6.1E-03			1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8260	2/22/2010	0	2.9E-03			1.0E-02
Benzene	8260	10/24/2010	0	3.2E-03			1.0E-02
Benzene	8260	3/20/2011	0	1.2E-03			1.0E-02
benzo (b & k) fluoranthene	8270	12/13/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/13/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		U	1.1E-02	3.0E-02
Benzo(a)anthracene	8270	11/7/2006	0			9.4E-04	3.0E-02
Benzo(a)anthracene	8270	11/5/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	2/22/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/13/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/3/2006	0		U	9.0E-03	7.0E-04
Benzo(a)pyrene	8270	11/7/2006	0			9.4E-04	7.0E-04
Benzo(a)pyrene	8270	11/5/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	2/22/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/3/2006	0		U	1.7E-02	3.0E-02
Benzo(b)fluoranthene	8270	11/7/2006	0			9.4E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/5/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/3/2006	0		U	8.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/7/2006	0			9.4E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/5/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/22/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		U	1.5E-02	3.0E-02
Benzo(k)fluoranthene	8270	11/7/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/5/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/13/2005	0		U	1.6E-04	
Bromobenzene	8260	11/7/2006	0			3.5E-04	
Bromochloromethane	8260	12/13/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/7/2006	0			5.5E-04	
Bromodichloromethane	8260	12/13/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/7/2006	0			1.9E-04	
Bromoform	8260	12/13/2005	0		U	5.0E-04	
Bromoform	8260	11/7/2006	0			3.2E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Bromomethane	8260	12/13/2005	0		U	1.9E-04	
Bromomethane	8260	11/7/2006	0			2.7E-04	
Cadmium	6020	12/13/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/7/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/5/2007	0			8.0E-04	1.0E-02
Cadmium	6020	2/22/2010	0				1.0E-02
Cadmium	6010	10/24/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/13/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/7/2006	0			1.8E-04	
Carbon Tetrachloride	8260	12/13/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/7/2006	0			2.2E-04	1.0E-02
Chloride	300.0	12/13/2005	0	6.7E+01			2.5E+02
Chlorobenzene	8260	12/13/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/7/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/7/2006	0			4.8E-04	
Chloroethane	8260	12/13/2005	0		U	1.3E-04	
Chloroethane	8260	11/7/2006	0			3.5E-04	
Chloroform	8260	12/13/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/7/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/13/2005	0		U	5.0E-04	
Chloromethane	8260	11/7/2006	0			3.1E-04	
Chromium	6020	12/13/2005	0	2.9E-03	J		5.0E-02
Chromium	6010	11/7/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/5/2007	0			2.0E-03	5.0E-02
Chromium	6020	2/22/2010	0				5.0E-02
Chromium	6010	10/24/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/13/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/3/2006	0	3.0E-02			3.0E-02
Chrysene	8270	11/7/2006	0			9.4E-04	3.0E-02
Chrysene	8270	11/5/2007	0			1.1E-03	3.0E-02
Chrysene	8270	2/22/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/13/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/7/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/7/2006	0			2.7E-04	
Cyanide (total)	335.2	12/13/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/13/2005	0		U	1.8E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibenzo(a,h)anthracene	8270	3/3/2006	0		U	1.0E-02	3.0E-02
Dibenzo(a,h)anthracene	8270	11/7/2006	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/5/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/22/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/13/2005	0	2.1E-02			
Dibromochloromethane	8260	12/13/2005	0		U	1.1E-04	
Dibromomethane	8260	12/13/2005	0		U	2.7E-04	
Dibromomethane	8260	11/7/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	12/13/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/7/2006	0			2.9E-04	
Diisopropyl ether	8260	12/13/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/7/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/5/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/22/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/22/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/13/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/7/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/5/2007	0			3.3E-04	
Ethylbenzene	8260	12/13/2005	0	1.4E-02			7.5E-01
Ethylbenzene	8021	3/3/2006	0	7.8E-03			7.5E-01
Ethylbenzene	8021	6/6/2006	0		R-0		7.5E-01
Ethylbenzene	8021	9/8/2006	0	1.1E-03			7.5E-01
Ethylbenzene	8260	11/7/2006	0	2.2E-02			7.5E-01
Ethylbenzene	8021	2/23/2007	0	3.7E-02			7.5E-01
Ethylbenzene	8021	5/21/2007	0	8.4E-03			7.5E-01
Ethylbenzene	8021	8/21/2007	0	1.8E-02			7.5E-01
Ethylbenzene	8021	11/5/2007	0	2.3E-02			7.5E-01
Ethylbenzene	8021	2/26/2008	0	9.9E-03			7.5E-01
Ethylbenzene	8260	2/22/2010	0	1.3E-02			7.5E-01
Ethylbenzene	8260	10/24/2010	0	2.7E-02			7.5E-01
Ethylbenzene	8260	3/20/2011	0	1.2E-02			7.5E-01
Ethylene Dibromide	8260	12/13/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/7/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/13/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/3/2006	0		U	1.2E-02	3.0E-02
Fluoranthene	8270	11/7/2006	0			9.4E-04	3.0E-02
Fluoranthene	8270	11/5/2007	0			1.1E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluoranthene	8270	2/22/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/13/2005	0	3.4E-02			3.0E-02
Fluorene	8270	3/3/2006	0	6.0E-01			3.0E-02
Fluorene	8270	11/7/2006	0			9.4E-04	3.0E-02
Fluorene	8270	11/5/2007	0			1.1E-03	3.0E-02
Fluorene	8270	2/22/2010	0				3.0E-02
Fluorene	8270	3/20/2011	0			5.7E-03	3.0E-02
Fluoride	300.0	12/13/2005	0	4.2E+00			1.6E+00
Hexachlorobutadiene	8260	12/13/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/7/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		U	1.0E-02	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/7/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/5/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/22/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/13/2005	0	9.9E-03			
Isopropylbenzene	8260	11/7/2006	0	9.0E-03			
Lead	6020	12/13/2005	0	5.3E-03			5.0E-02
Lead	6010	11/7/2006	0			2.2E-03	5.0E-02
Lead	6010	11/5/2007	0			3.0E-03	5.0E-02
Lead	6020	2/22/2010	0				5.0E-02
Lead	6010	10/24/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/13/2005	0	5.9E-03			
m,p-Xylenes	8021	2/26/2008	0	2.5E-03			
m,p-Xylenes	8260	2/22/2010	0				
m,p-Xylenes	8260	10/24/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/22/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/13/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/7/2006	0	4.9E-03			
Methyl tert-Butyl Ether	8260	11/5/2007	0			4.2E-04	
Methylene Chloride	8260	12/13/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/7/2006	0			3.3E-04	1.0E-01
Naphthalene	8270	12/13/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	12/13/2005	0	2.3E-02			3.0E-02
Naphthalene	8270	3/3/2006	0	2.6E-01			3.0E-02
Naphthalene	8260	11/7/2006	0	2.6E-02			3.0E-02



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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Naphthalene	8270	11/7/2006	0			1.2E-03	3.0E-02
Naphthalene	8270	11/5/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	2/22/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0			4.8E-03	3.0E-02
n-Butylbenzene	8260	12/13/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/7/2006	0	6.3E-03			
Nitrate (NO3 as N)	300.0	12/13/2005	0	4.9E-01			1.0E+01
n-Propylbenzene	8260	12/13/2005	0	8.3E-03			
n-Propylbenzene	8260	11/7/2006	0	7.5E-03			
o-Xylene	8260	12/13/2005	0	7.4E-03			
o-Xylene	8021	2/26/2008	0	2.2E-03			
o-Xylene	8260	2/22/2010	0	1.5E-03			
o-Xylene	8260	10/24/2010	0	1.7E-03			
pH	150.1	12/13/2005	0	7.2E+00	H-0		
Phenanthrene	8270	12/13/2005	0	3.1E-02			3.0E-02
Phenanthrene	8270	3/3/2006	0	6.2E-01			3.0E-02
Phenanthrene	8270	11/7/2006	0			9.4E-04	3.0E-02
Phenanthrene	8270	11/5/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	2/22/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	12/13/2005	0	7.6E-03			
p-Isopropyltoluene	8260	11/7/2006	0	5.8E-03			
Pyrene	8270	12/13/2005	0	1.9E-02			3.0E-02
Pyrene	8270	3/3/2006	0	2.9E-01			3.0E-02
Pyrene	8270	11/7/2006	0	6.7E-03			3.0E-02
Pyrene	8270	11/5/2007	0			1.1E-03	3.0E-02
Pyrene	8270	2/22/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/13/2005	0	1.6E-02			
sec-Butylbenzene	8260	11/7/2006	0	1.1E-02			
Selenium	6020	12/13/2005	0	2.5E-02			5.0E-02
Selenium	6010	11/7/2006	0	1.5E-02			5.0E-02
Selenium	6010	11/5/2007	0			5.0E-03	5.0E-02
Selenium	6020	2/22/2010	0				5.0E-02
Selenium	6010	10/24/2010	0			7.7E-03	5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6020	12/13/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/7/2006	0			1.9E-03	5.0E-02
Silver	6010	11/5/2007	0			2.0E-03	5.0E-02
Silver	6020	2/22/2010	0				5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Silver	6010	10/24/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/13/2005	0		U	5.0E-04	
Styrene	8260	11/7/2006	0			1.4E-04	
Sulfate	300.0	12/13/2005	0	3.9E+01			6.0E+02
tert-amyl methyl ether	8260	12/13/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/7/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/5/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/22/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/13/2005	0	6.6E-03	J		
tert-butyl alcohol	8260	2/22/2010	0				
Tert-Butyl Alcohol	8260	3/20/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/13/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/7/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/7/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/5/2007	0			6.4E-03	
Toluene	8260	12/13/2005	0	9.2E-04			7.5E-01
Toluene	8021	3/3/2006	0	7.4E-04	Q-1		7.5E-01
Toluene	8021	6/6/2006	0		R-0		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/7/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/5/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	2/22/2010	0				7.5E-01
Toluene	8260	10/24/2010	0	1.1E-03			7.5E-01
Toluene	8260	3/20/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	2.1E-02			
Total Dissolved Solids	160.1	12/13/2005	0	7.5E+02			
Total Mercury	7470	12/13/2005	0	3.8E-04	J		2.0E-03
Total Mercury	7470	11/7/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/5/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	2/22/2010	0				2.0E-03
Total Mercury	7470	10/24/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/3/2006	0	1.6E-02			6.2E-01
Total Xylenes	8021	6/6/2006	0		R-0		6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-02**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/7/2006	0	1.2E-02			6.2E-01
Total Xylenes	8021	2/23/2007	0	3.0E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	4.3E-03			6.2E-01
Total Xylenes	8021	8/21/2007	0	9.0E-03			6.2E-01
Total Xylenes	8021	11/5/2007	0	9.1E-03			6.2E-01
Total Xylenes	8021	2/26/2008	0	4.7E-03			6.2E-01
Total Xylenes	8260	10/24/2010	0	1.7E-03			6.2E-01
Total Xylenes	8260	3/20/2011	0	2.3E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/13/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/7/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/7/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/13/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/7/2006	0			2.6E-04	
Vinyl acetate	8260	12/13/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/13/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/7/2006	0			2.6E-04	1.0E-03

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/13/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/13/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/13/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/13/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/13/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/13/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/13/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/13/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/13/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,3-Trichlorobenzene	8260	12/13/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/13/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/13/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/13/2005	0	1.8E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	7.6E-03			
1,2-Dibromo-3-chloropropane	8260	12/13/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/13/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/13/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/13/2005	0	5.2E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0	1.2E-03			
1,3-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/13/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0	8.6E-03			3.0E-02
2,2-Dichloropropane	8260	12/13/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/13/2005	0	8.6E-03			
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/13/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/13/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0			4.9E-03	3.0E-02
4-Chlorotoluene	8260	12/13/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/13/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	12/13/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/21/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/13/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/21/2010	0				3.0E-02
Acenaphthylene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/13/2005	0	4.1E-03	J		
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/13/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Anthracene	8270	2/21/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.9E-03	3.0E-02
Arsenic	6020	12/13/2005	0	2.8E-02			1.0E-01
Arsenic	6010	11/8/2006	0	4.4E-02			1.0E-01
Arsenic	6010	11/4/2007	0	1.2E-02			1.0E-01
Arsenic	6010	6/16/2008	0			3.0E-03	1.0E-01
Arsenic	6020	2/21/2010	0	6.9E-02			1.0E-01
Arsenic	6010	10/23/2010	0	4.9E-02			1.0E-01
Arsenic	3050	3/20/2011	0	3.4E-02			1.0E-01
Barium	6020	12/13/2005	0	2.4E-01			1.0E+00
Barium	6010	11/8/2006	0	2.0E-01			1.0E+00
Barium	6010	11/4/2007	0	1.2E-01			1.0E+00
Barium	6010	6/16/2008	0	2.1E-01			1.0E+00
Barium	6020	2/21/2010	0	1.2E+00			1.0E+00
Barium	6010	10/23/2010	0	5.6E-01			1.0E+00
Barium	3050	3/20/2011	0	5.6E-01			1.0E+00
Benzene	8260	12/13/2005	0		U	5.0E-04	1.0E-02
Benzene	8021	3/4/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/4/2006	0	1.2E-04	Q-2		1.0E-02
Benzene	8021	9/9/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0			3.3E-04	1.0E-02
Benzene	8021	2/25/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	2/26/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	6/16/2008	0			5.0E-04	1.0E-02
Benzene	8260	2/21/2010	0				1.0E-02
Benzene	8260	10/23/2010	0			5.0E-04	1.0E-02
Benzene	8260	3/20/2011	0			6.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/13/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/13/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/21/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/13/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-04	7.0E-04
Benzo(a)pyrene	8270	11/4/2007	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/21/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/21/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/13/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/13/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/13/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/13/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/13/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6020	12/13/2005	0		Q-2	7.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Cadmium	6010	11/8/2006	0	1.2E-03			1.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/16/2008	0	2.9E-02			1.0E-02
Cadmium	6020	2/21/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/13/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/13/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/13/2005	0	1.4E+02			2.5E+02
Chlorobenzene	8260	12/13/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/13/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/13/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/13/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6020	12/13/2005	0		U	1.2E-03	5.0E-02
Chromium	6010	11/8/2006	0	5.4E-03			5.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/16/2008	0	5.4E-02			5.0E-02
Chromium	6020	2/21/2010	0				5.0E-02
Chromium	6010	10/23/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/13/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-04	3.0E-02
Chrysene	8270	11/4/2007	0			1.0E-03	3.0E-02
Chrysene	8270	2/21/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/13/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/13/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/13/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibenzo(a,h)anthracene	8270	2/21/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/13/2005	0	3.1E-02			
Dibromochloromethane	8260	12/13/2005	0		U	1.1E-04	
Dibromomethane	8260	12/13/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/13/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/13/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/21/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/21/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/13/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8260	12/13/2005	0	4.8E-03			7.5E-01
Ethylbenzene	8021	3/4/2006	0	2.6E-04	Ja		7.5E-01
Ethylbenzene	8021	6/4/2006	0	2.7E-03	Q-2		7.5E-01
Ethylbenzene	8021	9/9/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/8/2006	0	2.0E-03			7.5E-01
Ethylbenzene	8021	2/25/2007	0	1.6E-03			7.5E-01
Ethylbenzene	8021	5/21/2007	0	4.2E-03			7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0	1.0E-03			7.5E-01
Ethylbenzene	8021	2/26/2008	0	9.4E-03			7.5E-01
Ethylbenzene	8260	6/16/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/21/2010	0	5.0E-03			7.5E-01
Ethylbenzene	8260	10/23/2010	0	6.3E-03			7.5E-01
Ethylbenzene	8260	3/20/2011	0	7.8E-03			7.5E-01
Ethylene Dibromide	8260	12/13/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/13/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/21/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/13/2005	0	4.7E-02			3.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluorene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluorene	8270	11/4/2007	0			1.0E-03	3.0E-02
Fluorene	8270	2/21/2010	0				3.0E-02
Fluorene	8270	3/20/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/13/2005	0	3.9E+00			1.6E+00
Hexachlorobutadiene	8260	12/13/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/21/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/13/2005	0	7.0E-03			
Isopropylbenzene	8260	11/8/2006	0	4.6E-03			
Lead	6020	12/13/2005	0	7.3E-04	J		5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Lead	6010	6/16/2008	0	1.5E-01			5.0E-02
Lead	6020	2/21/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/13/2005	0	5.1E-03			
m,p-Xylene	8260	6/16/2008	0			1.0E-03	
m,p-Xylenes	8021	2/26/2008	0	6.4E-03			
m,p-Xylenes	8260	2/21/2010	0	3.7E-03			
m,p-Xylenes	8260	10/23/2010	0	3.5E-03			
Methyl tert butyl Ether	8260	2/21/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/13/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Methylene Chloride	8260	12/13/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8260	12/13/2005	0	2.5E-02			3.0E-02
Naphthalene	8270	12/13/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	11/8/2006	0	1.6E-02			3.0E-02
Naphthalene	8270	11/8/2006	0			1.2E-03	3.0E-02
Naphthalene	8270	11/4/2007	0			1.0E-03	3.0E-02
Naphthalene	8270	2/21/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0			4.9E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
n-Butylbenzene	8260	12/13/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	2.9E-03			
Nitrate (NO3 as N)	300.0	12/13/2005	0	1.5E+00			1.0E+01
n-Propylbenzene	8260	12/13/2005	0	3.6E-03			
n-Propylbenzene	8260	11/8/2006	0	1.5E-03			
o-Xylene	8260	12/13/2005	0	6.9E-03			
o-Xylene	8021	2/26/2008	0	3.4E-02			
o-Xylene	8260	6/16/2008	0	1.7E-03			
o-Xylene	8260	2/21/2010	0	8.2E-03			
o-Xylene	8260	10/23/2010	0	9.8E-03			
pH	150.1	12/13/2005	0	7.2E+00	H-0		
Phenanthrene	8270	12/13/2005	0	3.1E-02			3.0E-02
Phenanthrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/21/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0			4.9E-03	3.0E-02
p-Isopropyltoluene	8260	12/13/2005	0	4.5E-03			
p-Isopropyltoluene	8260	11/8/2006	0	2.1E-03			
Pyrene	8270	12/13/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Pyrene	8270	2/21/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/13/2005	0	9.4E-03			
sec-Butylbenzene	8260	11/8/2006	0	4.1E-03			
Selenium	6020	12/13/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/16/2008	0			3.0E-03	5.0E-02
Selenium	6020	2/21/2010	0				5.0E-02
Selenium	6010	10/23/2010	0	1.1E-02			5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6020	12/13/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Silver	6010	6/16/2008	0			1.0E-03	5.0E-02
Silver	6020	2/21/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/13/2005	0		U	5.0E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/13/2005	0	4.8E+01			6.0E+02
tert-amyl methyl ether	8260	12/13/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/21/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/13/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/21/2010	0				
Tert-Butyl Alcohol	8260	3/20/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/13/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8260	12/13/2005	0	5.2E-04			7.5E-01
Toluene	8021	3/4/2006	0	1.1E-04	Q-1		7.5E-01
Toluene	8021	6/4/2006	0	1.7E-04	Q-2		7.5E-01
Toluene	8021	9/9/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	6/16/2008	0			5.0E-04	7.5E-01
Toluene	8260	2/21/2010	0				7.5E-01
Toluene	8260	10/23/2010	0	1.6E-03			7.5E-01
Toluene	8260	3/20/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	5.0E-02			
Total Dissolved Solids	160.1	12/13/2005	0	8.3E+02			
Total Mercury	7470	12/13/2005	0	7.5E-04	J		2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/16/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	2/21/2010	0				2.0E-03
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/4/2006	0	9.7E-04	Ja		6.2E-01
Total Xylenes	8021	6/4/2006	0	7.1E-03	Q-2		6.2E-01
Total Xylenes	8021	9/9/2006	0			1.2E-03	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-03**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8260	11/8/2006	0	6.7E-03			6.2E-01
Total Xylenes	8021	2/25/2007	0	3.3E-03			6.2E-01
Total Xylenes	8021	5/21/2007	0	9.3E-03			6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/26/2008	0	4.1E-02			6.2E-01
Total Xylenes	8260	6/16/2008	0	1.7E-03			6.2E-01
Total Xylenes	8260	10/23/2010	0	1.3E-02			6.2E-01
Total Xylenes	8260	3/20/2011	0	9.6E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/13/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/13/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/13/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/13/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/13/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/13/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/13/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/13/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/13/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/13/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/13/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/13/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/13/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,3-Trichlorobenzene	8260	12/13/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/13/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/13/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/13/2005	0	4.0E-03			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	3.7E-03			
1,2-Dibromo-3-chloropropane	8260	12/13/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/13/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/13/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/13/2005	0	1.6E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/13/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
2,2-Dichloropropane	8260	12/13/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/13/2005	0	1.1E-03	J		
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/13/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/13/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
4-Chlorotoluene	8260	12/13/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/13/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	12/13/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/4/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	2/22/2010	0				3.0E-02
Acenaphthene	8270	3/21/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/13/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	2/22/2010	0				3.0E-02
Acenaphthylene	8270	3/21/2011	0			4.8E-03	3.0E-02
Acetone	8260	12/13/2005	0		U	3.8E-04	
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/13/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/4/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	2/22/2010	0				3.0E-02
Anthracene	8270	3/21/2011	0			3.8E-03	3.0E-02
Arsenic	6020	12/13/2005	0	1.1E-02			1.0E-01
Arsenic	6010	11/8/2006	0	6.4E-02			1.0E-01
Arsenic	6010	11/4/2007	0			5.0E-03	1.0E-01
Arsenic	6010	6/15/2008	0			3.0E-03	1.0E-01
Arsenic	6020	9/17/2009	0	2.1E-02			1.0E-01
Arsenic	6020	9/17/2009	0	2.7E-02			1.0E-01
Arsenic	6020	2/22/2010	0	2.6E-02			1.0E-01
Arsenic	6010	10/23/2010	0	1.7E-02			1.0E-01
Arsenic	3050	3/21/2011	0			3.0E-02	1.0E-01
Barium	6020	12/13/2005	0	2.0E-01			1.0E+00
Barium	6010	11/8/2006	0	2.1E-01			1.0E+00
Barium	6010	11/4/2007	0	1.5E-01			1.0E+00
Barium	6010	6/15/2008	0	3.2E-01			1.0E+00
Barium	6020	9/17/2009	0	4.9E-01			1.0E+00
Barium	6020	9/17/2009	0	5.4E-01			1.0E+00
Barium	6020	2/22/2010	0	6.2E-01			1.0E+00
Barium	6010	10/23/2010	0	4.7E-01			1.0E+00
Barium	3050	3/21/2011	0	7.4E-01			1.0E+00
Benzene	8021	10/4/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/13/2005	0		U	5.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	3/4/2006	0	3.5E-05	Q-1		1.0E-02
Benzene	8021	6/7/2006	0	3.6E-05	J		1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0			3.3E-04	1.0E-02
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/20/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/26/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	6/15/2008	0			5.0E-04	1.0E-02
Benzene	8260	9/17/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/22/2010	0				1.0E-02
Benzene	8260	10/23/2010	0			5.0E-04	1.0E-02
Benzene	8260	3/21/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/13/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/13/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/4/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	2/22/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/13/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/4/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-04	7.0E-04
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	2/22/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/21/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/4/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/4/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/22/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/21/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/13/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/13/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/13/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/13/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/13/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6020	12/13/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/8/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/15/2008	0	2.5E-02			1.0E-02
Cadmium	6020	9/17/2009	0			1.0E-03	1.0E-02
Cadmium	6020	9/17/2009	0			2.0E-04	1.0E-02
Cadmium	6020	2/22/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/21/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/13/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/13/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/13/2005	0	1.3E+01			2.5E+02
Chlorobenzene	8260	12/13/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/13/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/13/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/13/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6020	12/13/2005	0		U	1.2E-03	5.0E-02
Chromium	6010	11/8/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/15/2008	0	1.5E-02			5.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chromium	6020	9/17/2009	0			5.0E-03	5.0E-02
Chromium	6020	9/17/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/22/2010	0				5.0E-02
Chromium	6010	10/23/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/21/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/13/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-04	3.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Chrysene	8270	2/22/2010	0				3.0E-02
Chrysene	8270	3/21/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/13/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/13/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/13/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/22/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/21/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/13/2005	0	5.2E-03	J		
Dibromochloromethane	8260	12/13/2005	0		U	1.1E-04	
Dibromomethane	8260	12/13/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/13/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/13/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/22/2010	0				
Di-Isopropyl ether	8260	3/21/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	2/22/2010	0				
Ethyl Tert Butyl Ether	8260	3/21/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	12/13/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	10/4/2005	0	1.2E-03			7.5E-01
Ethylbenzene	8260	12/13/2005	0		U	5.0E-04	7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	3/4/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/7/2006	0	2.9E-04	J		7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/8/2006	0			4.2E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/20/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/26/2008	0		U	5.0E-04	7.5E-01
Ethylbenzene	8260	6/15/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	9/17/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/22/2010	0				7.5E-01
Ethylbenzene	8260	10/23/2010	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/21/2011	0	3.7E-04			7.5E-01
Ethylene Dibromide	8260	12/13/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/13/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/4/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	2/22/2010	0				3.0E-02
Fluoranthene	8270	3/21/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/13/2005	0	6.5E-03	J		3.0E-02
Fluorene	8270	3/4/2006	0	2.6E-03			3.0E-02
Fluorene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	2/22/2010	0				3.0E-02
Fluorene	8270	3/21/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/13/2005	0	3.9E+00			1.6E+00
Hexachlorobutadiene	8260	12/13/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/22/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/21/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/13/2005	0	1.4E-03			
Isopropylbenzene	8260	11/8/2006	0	2.5E-03			
Lead	6020	12/13/2005	0	2.1E-03	J		5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Lead	6010	6/15/2008	0	1.4E-01			5.0E-02
Lead	6020	9/17/2009	0			5.0E-03	5.0E-02
Lead	6020	9/17/2009	0	3.0E-03			5.0E-02
Lead	6020	2/22/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	3050	3/21/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/13/2005	0	1.2E-03			
m,p-Xylene	8260	6/15/2008	0			1.0E-03	
m,p-Xylene	8260	9/17/2009	0			1.0E-03	
m,p-Xylenes	8021	2/26/2008	0		U	1.4E-03	
m,p-Xylenes	8260	2/22/2010	0				
m,p-Xylenes	8260	10/23/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/22/2010	0				
Methyl Tert Butyl Ether	8260	3/21/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	12/13/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Methylene Chloride	8260	12/13/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8260	12/13/2005	0	5.8E-03			3.0E-02
Naphthalene	8270	12/13/2005	0	4.6E-03	J		3.0E-02
Naphthalene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8270	11/8/2006	0			1.2E-03	3.0E-02
Naphthalene	8260	11/8/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/4/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	2/22/2010	0				3.0E-02
Naphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
n-Butylbenzene	8260	12/13/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	2.3E-03			
Nitrate (NO3 as N)	300.0	12/13/2005	0	1.7E+00			1.0E+01
n-Propylbenzene	8260	12/13/2005	0	8.8E-04			
n-Propylbenzene	8260	11/8/2006	0			3.5E-04	
o-Xylene	8260	12/13/2005	0	1.3E-03			
o-Xylene	8021	2/26/2008	0		U	5.0E-04	
o-Xylene	8260	6/15/2008	0			5.0E-04	
o-Xylene	8260	9/17/2009	0			5.0E-04	
o-Xylene	8260	2/22/2010	0				
o-Xylene	8260	10/23/2010	0	1.1E-03			

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
pH	150.1	12/13/2005	0	7.3E+00			
Phenanthrene	8270	12/13/2005	0	7.1E-03	J		3.0E-02
Phenanthrene	8270	3/4/2006	0	2.8E-03			3.0E-02
Phenanthrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	2/22/2010	0				3.0E-02
Phenanthrene	8270	3/21/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	12/13/2005	0	1.4E-03	J		
p-Isopropyltoluene	8260	11/8/2006	0	1.8E-03			
Pyrene	8270	12/13/2005	0	3.0E-03	J		3.0E-02
Pyrene	8270	3/4/2006	0	1.4E-03	J		3.0E-02
Pyrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	2/22/2010	0				3.0E-02
Pyrene	8270	3/21/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/13/2005	0	5.6E-03			
sec-Butylbenzene	8260	11/8/2006	0	3.2E-03			
Selenium	6020	12/13/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/15/2008	0	1.4E-01			5.0E-02
Selenium	6020	9/17/2009	0			5.0E-03	5.0E-02
Selenium	6020	9/17/2009	0			1.0E-03	5.0E-02
Selenium	6020	2/22/2010	0				5.0E-02
Selenium	6010	10/23/2010	0			7.7E-03	5.0E-02
Selenium	3050	3/21/2011	0			3.0E-02	5.0E-02
Silver	6020	12/13/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Silver	6010	6/15/2008	0			1.0E-03	5.0E-02
Silver	6020	9/17/2009	0			5.0E-03	5.0E-02
Silver	6020	9/17/2009	0			1.0E-03	5.0E-02
Silver	6020	2/22/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	3050	3/21/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/13/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/13/2005	0	2.3E+01			6.0E+02
tert-amyl methyl ether	8260	12/13/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/22/2010	0				
Tert-Amyl Methyl Ether	8260	3/21/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	12/13/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/22/2010	0				
Tert-Butyl Alcohol	8260	3/21/2011	0			5.0E-03	
tert-Butylbenzene	8260	12/13/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	10/4/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/13/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/4/2006	0	5.1E-05	Q-1		7.5E-01
Toluene	8021	6/7/2006	0	1.6E-04	J		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	6/15/2008	0			5.0E-04	7.5E-01
Toluene	8260	9/17/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/22/2010	0				7.5E-01
Toluene	8260	10/23/2010	0	1.1E-03			7.5E-01
Toluene	8260	3/21/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/26/2008	0		U		
Total Dissolved Solids	160.1	12/13/2005	0	5.3E+02			
Total Mercury	7470	12/13/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/15/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	9/17/2009	0			0.0E+00	2.0E-03
Total Mercury	7470	2/22/2010	0				2.0E-03
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/21/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	10/4/2005	0	1.9E-02			6.2E-01
Total Xylenes	8021	3/4/2006	0	2.1E-04	Ja		6.2E-01
Total Xylenes	8021	6/7/2006	0	4.6E-03			6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-04**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8260	11/8/2006	0			4.5E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/26/2008	0		U		6.2E-01
Total Xylenes	8260	6/15/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	9/17/2009	0			5.0E-04	6.2E-01
Total Xylenes	8260	10/23/2010	0	1.1E-03			6.2E-01
Total Xylenes	8260	3/21/2011	0	1.8E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/13/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/13/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/13/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/13/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	11/29/2005	0		U,U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	11/29/2005	0		U,U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/7/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	11/29/2005	0		U,U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/29/2005	0		U,U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/7/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	11/29/2005	0		U,U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	11/29/2005	0		U,U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/7/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	11/29/2005	0		U,U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/7/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	11/29/2005	0		U,U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/7/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	11/29/2005	0		U,U	2.8E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1-Dichloropropene	8260	11/7/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	11/29/2005	0		U,U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/7/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	11/29/2005	0		Q-2	3.1E-04	
1,2,3-Trichloropropane	8260	11/7/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	11/29/2005	0		U,U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/7/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/7/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	11/29/2005	0		Q-2	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/7/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,2-Dichlorobenzene	8260	11/7/2006	0			2.9E-04	
1,2-Dichloroethane	8260	11/29/2005	0		U,U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/7/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	11/29/2005	0		U,U	1.3E-04	
1,2-Dichloropropane	8260	11/7/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/7/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,3-Dichlorobenzene	8260	11/7/2006	0			2.1E-04	
1,3-Dichloropropane	8260	11/29/2005	0		U,U	1.4E-04	
1,3-Dichloropropane	8260	11/7/2006	0			2.1E-04	
1,4-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,4-Dichlorobenzene	8260	11/7/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/18/2011	0			4.8E-03	3.0E-02
2,2-Dichloropropane	8260	11/29/2005	0		U,U	1.1E-04	
2,2-Dichloropropane	8260	11/7/2006	0			2.5E-04	
2-Butanone	8260	11/29/2005	0		U,U	4.7E-04	
2-Butanone	8260	11/7/2006	0			3.1E-03	
2-Chlorotoluene	8260	11/29/2005	0		U,U	5.0E-04	
2-Chlorotoluene	8260	11/7/2006	0			1.5E-04	
2-Hexanone	8260	11/29/2005	0		U,U	3.9E-04	
2-Hexanone	8260	11/7/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/18/2011	0			4.8E-03	3.0E-02
4-Chlorotoluene	8260	11/29/2005	0		U,U	1.3E-04	
4-Chlorotoluene	8260	11/7/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	11/29/2005	0		U,U	3.7E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
4-Methyl-2-pentanone	8260	11/7/2006	0			1.5E-03	
Acenaphthene	8270	12/19/2004	0		U	4.2E-05	3.0E-02
Acenaphthene	8270	11/29/2005	0		U,U	3.4E-03	3.0E-02
Acenaphthene	8270	3/3/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/20/2010	0				3.0E-02
Acenaphthene	8270	3/18/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	11/29/2005	0		U,U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/11/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/20/2010	0				3.0E-02
Acenaphthylene	8270	3/18/2011	0			4.8E-03	3.0E-02
Acetone	8260	11/29/2005	0		U,U	3.8E-04	
Acetone	8260	11/7/2006	0			4.0E-03	
Anthracene	8270	12/19/2004	0		U	4.7E-05	3.0E-02
Anthracene	8270	11/29/2005	0		U,U	3.3E-03	3.0E-02
Anthracene	8270	3/3/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/11/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/20/2010	0				3.0E-02
Anthracene	8270	3/18/2011	0			3.8E-03	3.0E-02
Antimony	6020	11/29/2005	0		Q-1	2.0E-04	
Arsenic	6010	12/19/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	11/29/2005	0		I-0	2.0E-01	1.0E-01
Arsenic	6010	11/7/2006	0	1.5E-02			1.0E-01
Arsenic	6010	11/3/2007	0	1.2E-02			1.0E-01
Arsenic	6010	6/13/2008	0			3.0E-03	1.0E-01
Arsenic	6010	8/25/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/6/2008	0	8.0E-03			1.0E-01
Arsenic	6020	3/11/2009	0	1.0E-02			1.0E-01
Arsenic	6020	2/20/2010	0	1.9E-02			1.0E-01



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Arsenic	3050	3/18/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2004	0	2.3E-01			1.0E+00
Barium	6020	11/29/2005	0	1.4E-01	Q-0		1.0E+00
Barium	6010	11/7/2006	0	1.2E-01			1.0E+00
Barium	6010	11/3/2007	0	1.1E-01			1.0E+00
Barium	6010	6/13/2008	0	8.4E-02			1.0E+00
Barium	6010	8/25/2008	0	9.9E-02			1.0E+00
Barium	6020	12/6/2008	0	8.6E-02			1.0E+00
Barium	6020	3/11/2009	0	9.7E-02			1.0E+00
Barium	6020	2/20/2010	0	1.2E-01			1.0E+00
Barium	3050	3/18/2011	0			1.0E-01	1.0E+00
Benzene	8021	3/17/2004	0			1.7E-03	1.0E-02
Benzene	8021	6/26/2004	0			1.4E-04	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/19/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	6/25/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	9/17/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	11/29/2005	0		U,U	5.0E-04	1.0E-02
Benzene	8021	3/3/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/3/2006	0		U	2.8E-05	1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/7/2006	0			3.1E-04	1.0E-02
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/27/2008	0			5.0E-04	1.0E-02
Benzene	8260	6/13/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/25/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/6/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/11/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/20/2010	0				1.0E-02
Benzene	8260	3/18/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	11/29/2005	0		U,U	2.9E-03	
Benzo(a)anthracene	8270	12/19/2004	0		U	9.9E-05	3.0E-02
Benzo(a)anthracene	8270	11/29/2005	0		U,U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/20/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2004	0		U	1.4E-04	7.0E-04
Benzo(a)pyrene	8270	11/29/2005	0		U,U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/3/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/7/2006	0			9.9E-04	7.0E-04
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	12/6/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/11/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/20/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/18/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/19/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	3/3/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/29/2005	0		U,U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/3/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/20/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/19/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/7/2006	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Beryllium	6020	11/29/2005	0		U,U	5.0E-03	
Bromobenzene	8260	11/29/2005	0		U,U	1.6E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Bromobenzene	8260	11/7/2006	0			3.5E-04	
Bromochloromethane	8260	11/29/2005	0		U,U	1.8E-04	
Bromochloromethane	8260	11/7/2006	0			5.5E-04	
Bromodichloromethane	8260	11/29/2005	0		U,U	1.3E-04	
Bromodichloromethane	8260	11/7/2006	0			1.9E-04	
Bromoform	8260	11/29/2005	0		U,U	5.0E-04	
Bromoform	8260	11/7/2006	0			3.2E-04	
Bromomethane	8260	11/29/2005	0		U,U	1.9E-04	
Bromomethane	8260	11/7/2006	0			2.7E-04	
Cadmium	6010	12/19/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	11/29/2005	0		B-0	1.6E-02	1.0E-02
Cadmium	6010	11/7/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/13/2008	0	2.9E-02			1.0E-02
Cadmium	6010	8/25/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/6/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/11/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/20/2010	0				1.0E-02
Cadmium	3050	3/18/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	11/29/2005	0		U,U	1.0E-03	
Carbon disulfide	8260	11/7/2006	0			1.8E-04	
Carbon Tetrachloride	8260	11/29/2005	0		U,U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/7/2006	0			2.2E-04	1.0E-02
Chloride	300.0	11/29/2005	0	1.0E+01			2.5E+02
Chlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
Chlorobenzene	8260	11/7/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/7/2006	0			4.8E-04	
Chloroethane	8260	11/29/2005	0		U,U	1.3E-04	
Chloroethane	8260	11/7/2006	0			3.5E-04	
Chloroform	8260	11/29/2005	0		U,U	1.1E-04	1.0E-01
Chloroform	8260	11/7/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	11/29/2005	0		U,U	5.0E-04	
Chloromethane	8260	11/7/2006	0			3.1E-04	
Chromium	6010	12/19/2004	0		U	4.4E-04	5.0E-02
Chromium	6020	11/29/2005	0		I-0	1.2E-02	5.0E-02
Chromium	6010	11/7/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/13/2008	0	3.6E-02			5.0E-02
Chromium	6010	8/25/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/6/2008	0			1.0E-03	5.0E-02

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*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chromium	6020	3/11/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/20/2010	0				5.0E-02
Chromium	3050	3/18/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	11/29/2005	0		U,U	2.1E-03	3.0E-02
Chrysene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/7/2006	0			9.9E-04	3.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/6/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/11/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/20/2010	0				3.0E-02
Chrysene	8270	3/18/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	11/29/2005	0		U,U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/7/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	11/29/2005	0		U,U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/7/2006	0			2.7E-04	
Cyanide (total)	335.2	11/29/2005	0		U,U	5.0E-02	
Di Isopropyl Ether	8260	12/6/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/11/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	11/29/2005	0		U,U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/7/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/11/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/20/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	11/29/2005	0		U,U	3.5E-03	
Dibromochloromethane	8260	11/29/2005	0		U,U	1.1E-04	
Dibromomethane	8260	11/29/2005	0		U,U	2.7E-04	
Dibromomethane	8260	11/7/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	11/29/2005	0		U,U	5.0E-04	
Dichlorodifluoromethane	8260	11/7/2006	0			2.9E-04	
Diisopropyl ether	8260	11/29/2005	0		U,U	1.0E-03	
Diisopropyl Ether	8260	11/7/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/20/2010	0				
Di-Isopropyl ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/6/2008	0			3.0E-03	

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethyl tert butyl Ether	8260	3/11/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/20/2010	0				
Ethyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	11/29/2005	0		U,U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/7/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	3/17/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	6/26/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/19/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0	1.1E-03			7.5E-01
Ethylbenzene	8021	6/25/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	9/17/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/3/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/3/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/7/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/27/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	6/13/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/25/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/6/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/11/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/20/2010	0				7.5E-01
Ethylbenzene	8260	3/18/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	11/29/2005	0		U,U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/7/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	11/29/2005	0		U,U	2.9E-03	3.0E-02
Fluoranthene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/11/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/20/2010	0				3.0E-02
Fluoranthene	8270	3/18/2011	0			2.9E-03	3.0E-02

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluorene	8270	12/19/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	11/29/2005	0		U,U	3.7E-03	3.0E-02
Fluorene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Fluorene	8270	11/7/2006	0			9.9E-04	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/11/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/20/2010	0				3.0E-02
Fluorene	8270	3/18/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	11/29/2005	0	4.4E+00			1.6E+00
Hexachlorobutadiene	8260	11/29/2005	0		U,U	1.9E-04	
Hexachlorobutadiene	8260	11/7/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/29/2005	0		U,U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/7/2006	0			1.8E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/11/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/20/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/18/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
Isopropylbenzene	8260	11/7/2006	0			2.3E-04	
Lead	6010	12/19/2004	0		U	3.1E-03	5.0E-02
Lead	6020	11/29/2005	0		Q-1	3.0E-04	5.0E-02
Lead	6010	11/7/2006	0			2.2E-03	5.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Lead	6010	6/13/2008	0	2.7E-01			5.0E-02
Lead	6010	8/25/2008	0			4.0E-03	5.0E-02
Lead	6020	12/6/2008	0			1.0E-03	5.0E-02
Lead	6020	3/11/2009	0			1.0E-03	5.0E-02
Lead	6020	2/20/2010	0				5.0E-02
Lead	3050	3/18/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	11/29/2005	0		U,U	1.0E-03	
m,p-Xylene	8260	6/13/2008	0			1.0E-03	
m,p-Xylene	8260	8/25/2008	0			1.0E-03	
m,p-Xylene	8260	12/6/2008	0			1.0E-03	
m,p-Xylene	8260	3/11/2009	0			1.0E-03	
m,p-Xylenes	8021	2/27/2008	0			1.4E-03	
m,p-Xylenes	8260	2/20/2010	0				

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*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Methyl tert butyl Ether	8260	12/6/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/11/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/20/2010	0				
Methyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	11/29/2005	0		U,U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/7/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Methylene Chloride	8260	11/29/2005	0		U,U	1.5E-02	1.0E-01
Methylene Chloride	8260	11/7/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	7.5E-04	
Naphthalene	8270	12/19/2004	0		U	4.5E-05	3.0E-02
Naphthalene	8260	11/29/2005	0		U,U	2.4E-04	3.0E-02
Naphthalene	8270	11/29/2005	0		U,U	4.3E-03	3.0E-02
Naphthalene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8270	11/7/2006	0			1.3E-03	3.0E-02
Naphthalene	8260	11/7/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	12/6/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/11/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/20/2010	0				3.0E-02
Naphthalene	8270	3/18/2011	0			4.8E-03	3.0E-02
n-Butylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
n-Butylbenzene	8260	11/7/2006	0			7.8E-04	
Nickel	6020	11/29/2005	0		U,U	6.0E-04	
Nitrate as NO3	300.0	11/29/2005	0	5.7E+00	HT-		
n-Propylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
n-Propylbenzene	8260	11/7/2006	0			2.0E-04	
o-Xylene	8260	11/29/2005	0		U,U	1.0E-04	
o-Xylene	8021	2/27/2008	0			5.0E-04	
o-Xylene	8260	6/13/2008	0			5.0E-04	
o-Xylene	8260	8/25/2008	0			5.0E-04	
o-Xylene	8260	12/6/2008	0			5.0E-04	
o-Xylene	8260	3/11/2009	0			5.0E-04	
o-Xylene	8260	2/20/2010	0				
pH	150.1	11/29/2005	0	7.6E+00	H-0		
Phenanthrene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Phenanthrene	8270	11/29/2005	0		U,U	3.0E-03	3.0E-02
Phenanthrene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Phenanthrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Phenanthrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/11/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/20/2010	0				3.0E-02
Phenanthrene	8270	3/18/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	11/29/2005	0		U,U	1.4E-04	
p-Isopropyltoluene	8260	11/7/2006	0			2.1E-04	
Pyrene	8270	12/19/2004	0		U	9.0E-05	3.0E-02
Pyrene	8270	11/29/2005	0		U,U	2.0E-03	3.0E-02
Pyrene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Pyrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/11/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/20/2010	0				3.0E-02
Pyrene	8270	3/18/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
sec-Butylbenzene	8260	11/7/2006	0			2.4E-04	
Selenium	6010	12/19/2004	0		U	3.7E-03	5.0E-02
Selenium	6020	11/29/2005	0		I-0	1.0E-01	5.0E-02
Selenium	6010	11/7/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/3/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/13/2008	0	1.1E-02			5.0E-02
Selenium	6010	8/25/2008	0			3.0E-03	5.0E-02
Selenium	6020	12/6/2008	0			1.0E-03	5.0E-02
Selenium	6020	3/11/2009	0			1.0E-03	5.0E-02
Selenium	6020	2/20/2010	0				5.0E-02
Selenium	3050	3/18/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2004	0		U	2.0E-04	5.0E-02
Silver	6020	11/29/2005	0		U,U	1.0E-04	5.0E-02
Silver	6010	11/7/2006	0			1.9E-03	5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Silver	6010	6/13/2008	0			1.0E-03	5.0E-02
Silver	6010	8/25/2008	0			1.0E-03	5.0E-02
Silver	6020	12/6/2008	0			1.0E-03	5.0E-02
Silver	6020	3/11/2009	0			1.0E-03	5.0E-02
Silver	6020	2/20/2010	0				5.0E-02
Silver	3050	3/18/2011	0			5.0E-03	5.0E-02
Styrene	8260	11/29/2005	0		U,U	5.0E-04	
Styrene	8260	11/7/2006	0			1.4E-04	
Sulfate	300.0	11/29/2005	0	3.9E+01			6.0E+02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
tert-amyl methyl ether	8260	11/29/2005	0		U,U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/7/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/6/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/11/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/20/2010	0				
Tert-Amyl Methyl Ether	8260	3/18/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	11/29/2005	0		U,U	5.8E-04	
tert-butyl alcohol	8260	12/6/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/11/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/20/2010	0				
Tert-Butyl Alcohol	8260	3/18/2011	0			5.0E-03	
tert-Butylbenzene	8260	11/29/2005	0		U,U	1.1E-04	
tert-Butylbenzene	8260	11/7/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/7/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			1.5E-03	7.5E-01
Toluene	8021	6/26/2004	0	1.9E-03			7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/19/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0	1.4E-03			7.5E-01
Toluene	8021	6/25/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	9/17/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	11/29/2005	0		U,U	1.4E-04	7.5E-01
Toluene	8021	3/3/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/3/2006	0		U	2.6E-05	7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/7/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/27/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/13/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/25/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/6/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/11/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/20/2010	0				7.5E-01
Toluene	8260	3/18/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/27/2008	0			0.0E+00	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-05**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Dissolved Solids	160.1	11/29/2005	0	4.1E+02			
Total Mercury	7470	12/19/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	11/29/2005	0		U,U	2.0E-04	2.0E-03
Total Mercury	7470	11/7/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/13/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/25/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	12/6/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/11/2009	0	3.0E-04			2.0E-03
Total Mercury	7470	2/20/2010	0				2.0E-03
Total Mercury	7471	3/18/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	6/26/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/19/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0	2.4E-03			6.2E-01
Total Xylenes	8021	6/25/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	9/17/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/3/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/3/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/7/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/27/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	6/13/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/25/2008	0				6.2E-01
Total Xylenes	8260	3/18/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	11/29/2005	0		U,U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/7/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	11/29/2005	0		U,U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/7/2006	0			3.1E-04	
Trichlorofluoromethane	8260	11/29/2005	0		U,U	1.8E-04	
Trichlorofluoromethane	8260	11/7/2006	0			2.6E-04	
Vinyl acetate	8260	11/29/2005	0		U,U	2.8E-04	
Vinyl Chloride	8260	11/29/2005	0		U,U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/7/2006	0			2.6E-04	1.0E-03

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/12/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/12/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/12/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/12/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/12/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/12/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/12/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/12/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/12/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/12/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/12/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/12/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/12/2005	0	3.1E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	1.4E-02			
1,2-Dibromo-3-chloropropane	8260	12/12/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/12/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/12/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/12/2005	0	4.8E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/12/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,4-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0			4.7E-03	3.0E-02
2,2-Dichloropropane	8260	12/12/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/12/2005	0	8.4E-04	J		
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/12/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/12/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0			4.7E-03	3.0E-02
4-Chlorotoluene	8260	12/12/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/12/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/12/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	11/8/2006	0			1.2E-02	3.0E-02
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	2/24/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.7E-03	3.0E-02
Acenaphthylene	8270	12/12/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-02	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	2/24/2010	0				3.0E-02
Acenaphthylene	8270	3/20/2011	0			4.7E-03	3.0E-02
Acetone	8260	12/12/2005	0	1.2E-03	J		
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/12/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	2/24/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.8E-03	3.0E-02
Arsenic	6020	12/12/2005	0	4.9E-02			1.0E-01
Arsenic	6010	11/8/2006	0	1.9E-01			1.0E-01
Arsenic	6010	11/4/2007	0	2.0E-02			1.0E-01
Arsenic	6010	6/17/2008	0	1.8E-01			1.0E-01
Arsenic	6020	2/24/2010	0	5.7E-02			1.0E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Arsenic	6010	10/24/2010	0	1.8E-02			1.0E-01
Arsenic	3050	3/20/2011	0			3.0E-02	1.0E-01
Barium	6020	12/12/2005	0	8.4E-02			1.0E+00
Barium	6010	11/8/2006	0	8.5E-01			1.0E+00
Barium	6010	11/4/2007	0	3.5E-02			1.0E+00
Barium	6010	6/17/2008	0	8.1E-02			1.0E+00
Barium	6020	2/24/2010	0	6.4E-01			1.0E+00
Barium	6010	10/24/2010	0	2.1E-01			1.0E+00
Barium	3050	3/20/2011	0	3.7E-01			1.0E+00
Benzene	8260	12/12/2005	0	2.3E-02			1.0E-02
Benzene	8021	6/7/2006	0	5.5E-02			1.0E-02
Benzene	8021	9/8/2006	0	5.4E-02			1.0E-02
Benzene	8260	11/8/2006	0	2.0E-02			1.0E-02
Benzene	8021	2/23/2007	0	2.3E-02			1.0E-02
Benzene	8021	5/22/2007	0	4.4E-02			1.0E-02
Benzene	8021	8/20/2007	0	2.4E-02			1.0E-02
Benzene	8021	11/4/2007	0	1.7E-02			1.0E-02
Benzene	8021	2/26/2008	0	1.3E-02			1.0E-02
Benzene	8260	6/17/2008	0	5.4E-03			1.0E-02
Benzene	8260	2/24/2010	0	1.0E-02			1.0E-02
Benzene	8260	10/24/2010	0	1.6E-02			1.0E-02
Benzene	8260	3/20/2011	0	1.4E-02			1.0E-02
benzo (b & k) fluoranthene	8270	12/12/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/12/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-03	3.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	2/24/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/12/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-03	7.0E-04
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	2/24/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(g,h,i)perylene	8270	2/24/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.1E-02	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/12/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/12/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/12/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/12/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/12/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6020	12/12/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/8/2006	0	7.3E-03			1.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/17/2008	0	3.2E-02			1.0E-02
Cadmium	6020	2/24/2010	0				1.0E-02
Cadmium	6010	10/24/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/12/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/12/2005	0	8.4E+01			2.5E+02
Chlorobenzene	8260	12/12/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/12/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/12/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/12/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6020	12/12/2005	0		U	1.2E-03	5.0E-02
Chromium	6010	11/8/2006	0	6.3E-02			5.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chromium	6010	6/17/2008	0	2.8E-02			5.0E-02
Chromium	6020	2/24/2010	0				5.0E-02
Chromium	6010	10/24/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/12/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-03	3.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Chrysene	8270	2/24/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/12/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/12/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/12/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-02	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/24/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/12/2005	0	1.5E-02			
Dibromochloromethane	8260	12/12/2005	0		U	1.1E-04	
Dibromomethane	8260	12/12/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/12/2005	0		I-O	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/12/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/24/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/24/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/12/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8260	12/12/2005	0	1.3E-02			7.5E-01
Ethylbenzene	8021	6/7/2006	0	1.0E-02			7.5E-01
Ethylbenzene	8021	9/8/2006	0	9.9E-03			7.5E-01
Ethylbenzene	8260	11/8/2006	0	8.3E-03			7.5E-01
Ethylbenzene	8021	2/23/2007	0	1.5E-02			7.5E-01

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	5/22/2007	0	1.5E-02			7.5E-01
Ethylbenzene	8021	8/20/2007	0	1.7E-02			7.5E-01
Ethylbenzene	8021	11/4/2007	0	1.6E-02			7.5E-01
Ethylbenzene	8021	2/26/2008	0	1.2E-02			7.5E-01
Ethylbenzene	8260	6/17/2008	0	2.3E-03			7.5E-01
Ethylbenzene	8260	2/24/2010	0	5.3E-03			7.5E-01
Ethylbenzene	8260	10/24/2010	0	7.3E-03			7.5E-01
Ethylbenzene	8260	3/20/2011	0	1.3E-02			7.5E-01
Ethylene Dibromide	8260	12/12/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/12/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.6E-03	3.0E-02
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	2/24/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.8E-03	3.0E-02
Fluorene	8270	12/12/2005	0	1.5E-02			3.0E-02
Fluorene	8270	11/8/2006	0			9.6E-03	3.0E-02
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	2/24/2010	0				3.0E-02
Fluorene	8270	3/20/2011	0	1.2E-02			3.0E-02
Fluoride	300.0	12/12/2005	0	3.6E+00			1.6E+00
Hexachlorobutadiene	8260	12/12/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-02	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/24/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/12/2005	0	2.4E-02			
Isopropylbenzene	8260	11/8/2006	0	7.6E-03			
Lead	6020	12/12/2005	0	1.1E-03	J		5.0E-02
Lead	6010	11/8/2006	0	7.0E-02			5.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Lead	6010	6/17/2008	0	1.3E-01			5.0E-02
Lead	6020	2/24/2010	0				5.0E-02
Lead	6010	10/24/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/12/2005	0	3.7E-03			
m,p-Xylene	8260	6/17/2008	0			1.0E-03	
m,p-Xylenes	8021	2/26/2008	0	3.8E-03			



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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
m,p-Xylenes	8260	2/24/2010	0				
m,p-Xylenes	8260	10/24/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/24/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/12/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Methylene Chloride	8260	12/12/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8260	12/12/2005	0	5.3E-02			3.0E-02
Naphthalene	8270	12/12/2005	0	6.6E-02			3.0E-02
Naphthalene	8260	11/8/2006	0	3.6E-02			3.0E-02
Naphthalene	8270	11/8/2006	0			1.3E-02	3.0E-02
Naphthalene	8270	11/4/2007	0	2.8E-02			3.0E-02
Naphthalene	8270	2/24/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0			4.7E-03	3.0E-02
n-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	3.5E-03			
Nitrate (NO3 as N)	300.0	12/12/2005	0		U	1.1E-02	1.0E+01
n-Propylbenzene	8260	12/12/2005	0	1.9E-02			
n-Propylbenzene	8260	11/8/2006	0	4.4E-03			
o-Xylene	8260	12/12/2005	0	4.5E-03			
o-Xylene	8021	2/26/2008	0	1.2E-02			
o-Xylene	8260	6/17/2008	0	1.4E-03			
o-Xylene	8260	2/24/2010	0	2.9E-03			
o-Xylene	8260	10/24/2010	0	2.3E-03			
pH	150.1	12/12/2005	0	7.1E+00	H-0		
Phenanthrene	8270	12/12/2005	0	2.0E-02			3.0E-02
Phenanthrene	8270	11/8/2006	0			9.6E-03	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	2/24/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0	8.0E-03			3.0E-02
p-Isopropyltoluene	8260	12/12/2005	0	5.2E-03			
p-Isopropyltoluene	8260	11/8/2006	0	3.2E-03			
Pyrene	8270	12/12/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	11/8/2006	0	1.6E-01			3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	2/24/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0	9.2E-03			3.0E-02
sec-Butylbenzene	8260	12/12/2005	0	1.4E-02			

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
sec-Butylbenzene	8260	11/8/2006	0	5.5E-03			
Selenium	6020	12/12/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/17/2008	0	3.1E-01			5.0E-02
Selenium	6020	2/24/2010	0				5.0E-02
Selenium	6010	10/24/2010	0	1.2E-02			5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6020	12/12/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/8/2006	0	1.5E-02			5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Silver	6010	6/17/2008	0			1.0E-03	5.0E-02
Silver	6020	2/24/2010	0				5.0E-02
Silver	6010	10/24/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/12/2005	0	8.2E-04	J		
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/12/2005	0	3.5E+02			6.0E+02
tert-amyl methyl ether	8260	12/12/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/24/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/12/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/24/2010	0				
Tert-Butyl Alcohol	8260	3/20/2011	0	1.3E-02			
tert-Butylbenzene	8260	12/12/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8260	12/12/2005	0	6.5E-04			7.5E-01
Toluene	8021	6/7/2006	0	6.6E-04	J		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0	1.9E-03			7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	6/17/2008	0			5.0E-04	7.5E-01

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-06**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8260	2/24/2010	0				7.5E-01
Toluene	8260	10/24/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/20/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	4.0E-02			
Total Dissolved Solids	160.1	12/12/2005	0	1.1E+03			
Total Mercury	7470	12/12/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0	2.7E-04			2.0E-03
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/17/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	2/24/2010	0				2.0E-03
Total Mercury	7470	10/24/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	6/7/2006	0	5.4E-03	J		6.2E-01
Total Xylenes	8021	9/8/2006	0	8.1E-03			6.2E-01
Total Xylenes	8260	11/8/2006	0	7.1E-03			6.2E-01
Total Xylenes	8021	2/23/2007	0	1.4E-02			6.2E-01
Total Xylenes	8021	5/22/2007	0	1.1E-02			6.2E-01
Total Xylenes	8021	8/20/2007	0	1.6E-02			6.2E-01
Total Xylenes	8021	11/4/2007	0	9.5E-03			6.2E-01
Total Xylenes	8021	2/26/2008	0	1.5E-02			6.2E-01
Total Xylenes	8260	6/17/2008	0	1.4E-03			6.2E-01
Total Xylenes	8260	10/24/2010	0	2.3E-03			6.2E-01
Total Xylenes	8260	3/20/2011	0	5.9E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/12/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/12/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/12/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/12/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/19/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	12/19/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/7/2006	0			2.2E-04	6.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,2,2-Tetrachloroethane	8260	12/19/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/19/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/7/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/19/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/19/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/7/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	12/19/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/7/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/19/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/7/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/19/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/7/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	12/19/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/7/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	12/19/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/7/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	12/19/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/7/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	12/19/2005	0	1.6E-03			
1,2,4-Trimethylbenzene	8260	11/7/2006	0	2.1E-03			
1,2-Dibromo-3-chloropropane	8260	12/19/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/7/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/7/2006	0			2.9E-04	
1,2-Dichloroethane	8260	12/19/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/7/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/19/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/7/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	12/19/2005	0		U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/7/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/7/2006	0			2.1E-04	
1,3-Dichloropropane	8260	12/19/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/7/2006	0			2.1E-04	
1,4-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/7/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0	8.4E-03			3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
2,2-Dichloropropane	8260	12/19/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/7/2006	0			2.5E-04	
2-Butanone	8260	12/19/2005	0		U	4.7E-04	
2-Butanone	8260	11/7/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/19/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/7/2006	0			1.5E-04	
2-Hexanone	8260	12/19/2005	0		U	3.9E-04	
2-Hexanone	8260	11/7/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0			4.9E-03	3.0E-02
4-Chlorotoluene	8260	12/19/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/7/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	12/19/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/7/2006	0			1.5E-03	
Acenaphthene	8270	12/19/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/5/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/22/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/19/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/5/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/22/2010	0				3.0E-02
Acenaphthylene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/19/2005	0		U	3.8E-04	
Acetone	8260	11/7/2006	0			4.0E-03	
Anthracene	8270	12/19/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/5/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Anthracene	8270	11/5/2007	0			1.0E-03	3.0E-02
Anthracene	8270	2/22/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.9E-03	3.0E-02
Arsenic	6010	12/19/2005	0	3.3E-02	S-0		1.0E-01
Arsenic	6010	11/7/2006	0	1.3E-02			1.0E-01
Arsenic	6010	11/5/2007	0	1.3E-02			1.0E-01
Arsenic	6020	9/17/2009	0	1.7E-02			1.0E-01
Arsenic	6020	2/22/2010	0	2.1E-02			1.0E-01
Arsenic	6010	10/24/2010	0	1.1E-02			1.0E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Arsenic	3050	3/20/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2005	0	9.0E-02	S-0		1.0E+00
Barium	6010	11/7/2006	0	9.0E-02			1.0E+00
Barium	6010	11/5/2007	0	9.6E-02			1.0E+00
Barium	6020	9/17/2009	0	1.5E-01			1.0E+00
Barium	6020	2/22/2010	0	1.4E-01			1.0E+00
Barium	6010	10/24/2010	0	7.3E-02			1.0E+00
Barium	3050	3/20/2011	0			1.0E-01	1.0E+00
Benzene	8021	10/4/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Benzene	8021	3/5/2006	0	1.7E-04	Q-1		1.0E-02
Benzene	8021	6/4/2006	0	6.3E-05	Q-2		1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/7/2006	0			3.1E-04	1.0E-02
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/5/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/26/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	9/17/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/22/2010	0				1.0E-02
Benzene	8260	10/24/2010	0			5.0E-04	1.0E-02
Benzene	8260	3/20/2011	0			6.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/19/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/19/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/5/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(a)anthracene	8270	11/5/2007	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/22/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/5/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/7/2006	0			9.9E-04	7.0E-04
Benzo(a)pyrene	8270	11/5/2007	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/22/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/5/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/22/2010	0				3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(b)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/5/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/5/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/22/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/7/2006	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/19/2005	0		U	1.6E-04	
Bromobenzene	8260	11/7/2006	0			3.5E-04	
Bromochloromethane	8260	12/19/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/7/2006	0			5.5E-04	
Bromodichloromethane	8260	12/19/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/7/2006	0			1.9E-04	
Bromoform	8260	12/19/2005	0		U	5.0E-04	
Bromoform	8260	11/7/2006	0			3.2E-04	
Bromomethane	8260	12/19/2005	0		U	1.9E-04	
Bromomethane	8260	11/7/2006	0			2.7E-04	
Cadmium	6010	12/19/2005	0		S-0	1.0E-03	1.0E-02
Cadmium	6010	11/7/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/5/2007	0			8.0E-04	1.0E-02
Cadmium	6020	9/17/2009	0			2.0E-04	1.0E-02
Cadmium	6020	2/22/2010	0				1.0E-02
Cadmium	6010	10/24/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/19/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/7/2006	0			1.8E-04	
Carbon Tetrachloride	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/7/2006	0			2.2E-04	1.0E-02
Chloride	300.0	12/19/2005	0	6.5E+01			2.5E+02
Chlorobenzene	8260	12/19/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/7/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/7/2006	0			4.8E-04	
Chloroethane	8260	12/19/2005	0		U	1.3E-04	
Chloroethane	8260	11/7/2006	0			3.5E-04	
Chloroform	8260	12/19/2005	0		U	1.1E-04	1.0E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chloroform	8260	11/7/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/19/2005	0		U	5.0E-04	
Chloromethane	8260	11/7/2006	0			3.1E-04	
Chromium	6010	12/19/2005	0	9.3E-03	S-0		5.0E-02
Chromium	6010	11/7/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/5/2007	0			2.0E-03	5.0E-02
Chromium	6020	9/17/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/22/2010	0				5.0E-02
Chromium	6010	10/24/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0	1.5E-02			5.0E-02
Chrysene	8270	12/19/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/7/2006	0			9.9E-04	3.0E-02
Chrysene	8270	11/5/2007	0			1.0E-03	3.0E-02
Chrysene	8270	2/22/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/19/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/7/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/7/2006	0			2.7E-04	
Cyanide (total)	335.2	12/19/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/19/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/7/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/5/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/22/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/19/2005	0	7.7E-03	J		
Dibromochloromethane	8260	12/19/2005	0		U	1.1E-04	
Dibromomethane	8260	12/19/2005	0		U	2.7E-04	
Dibromomethane	8260	11/7/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	12/19/2005	0		U	5.0E-04	
Dichlorodifluoromethane	8260	11/7/2006	0			2.9E-04	
Diisopropyl ether	8260	12/19/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/7/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/5/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/22/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/22/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethyl tert-butyl ether	8260	12/19/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/7/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/5/2007	0			3.3E-04	
Ethylbenzene	8021	10/4/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	12/19/2005	0		U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/5/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/4/2006	0		Q-2	8.1E-05	7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/7/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/5/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/26/2008	0		U	5.0E-04	7.5E-01
Ethylbenzene	8260	9/17/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/22/2010	0				7.5E-01
Ethylbenzene	8260	10/24/2010	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/20/2011	0			6.0E-04	7.5E-01
Ethylene Dibromide	8260	12/19/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/7/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/5/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02
Fluoranthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/22/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/19/2005	0	1.1E-02			3.0E-02
Fluorene	8270	3/5/2006	0	8.7E-03			3.0E-02
Fluorene	8270	11/7/2006	0			9.9E-04	3.0E-02
Fluorene	8270	11/5/2007	0			1.0E-03	3.0E-02
Fluorene	8270	2/22/2010	0				3.0E-02
Fluorene	8270	3/20/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/19/2005	0	3.9E+00			1.6E+00
Hexachlorobutadiene	8260	12/19/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/7/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/7/2006	0			1.8E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/5/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/22/2010	0				3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/19/2005	0		U	5.0E-04	
Isopropylbenzene	8260	11/7/2006	0	1.5E-03			
Lead	6010	12/19/2005	0		S-0	9.4E-03	5.0E-02
Lead	6010	11/7/2006	0			2.2E-03	5.0E-02
Lead	6010	11/5/2007	0			3.0E-03	5.0E-02
Lead	6020	9/17/2009	0	4.0E-03			5.0E-02
Lead	6020	2/22/2010	0				5.0E-02
Lead	6010	10/24/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/19/2005	0		U	1.0E-03	
m,p-Xylene	8260	9/17/2009	0			1.0E-03	
m,p-Xylenes	8021	2/26/2008	0		U	1.4E-03	
m,p-Xylenes	8260	2/22/2010	0				
m,p-Xylenes	8260	10/24/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/22/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/19/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/7/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/5/2007	0			4.2E-04	
Methylene Chloride	8260	12/19/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/7/2006	0			3.3E-04	1.0E-01
Naphthalene	8270	12/19/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	12/19/2005	0		U	2.4E-04	3.0E-02
Naphthalene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8260	11/7/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/7/2006	0			1.3E-03	3.0E-02
Naphthalene	8270	11/5/2007	0			1.0E-03	3.0E-02
Naphthalene	8270	2/22/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0			4.9E-03	3.0E-02
n-Butylbenzene	8260	12/19/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/7/2006	0	1.8E-03			
Nitrate (NO <sub>3</sub> as N)	300.0	12/19/2005	0	1.8E+00	C-0		1.0E+01
n-Propylbenzene	8260	12/19/2005	0		U	5.0E-04	
n-Propylbenzene	8260	11/7/2006	0			2.0E-04	
o-Xylene	8260	12/19/2005	0	1.7E-04	J		
o-Xylene	8021	2/26/2008	0		U	5.0E-04	
o-Xylene	8260	9/17/2009	0	2.6E-03			
o-Xylene	8260	2/22/2010	0	1.5E-03			
o-Xylene	8260	10/24/2010	0	1.4E-03			

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
pH	150.1	12/19/2005	0	7.4E+00	H-0		
Phenanthrene	8270	12/19/2005	0	1.3E-02			3.0E-02
Phenanthrene	8270	3/5/2006	0	8.9E-03			3.0E-02
Phenanthrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Phenanthrene	8270	11/5/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/22/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0			4.9E-03	3.0E-02
p-Isopropyltoluene	8260	12/19/2005	0	1.9E-03	J		
p-Isopropyltoluene	8260	11/7/2006	0	3.0E-03			
Pyrene	8270	12/19/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	3/5/2006	0	3.4E-03			3.0E-02
Pyrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Pyrene	8270	11/5/2007	0			1.0E-03	3.0E-02
Pyrene	8270	2/22/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/19/2005	0	3.6E-03			
sec-Butylbenzene	8260	11/7/2006	0	3.8E-03			
Selenium	6010	12/19/2005	0		S-0	4.6E-03	5.0E-02
Selenium	6010	11/7/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/5/2007	0	1.0E-02			5.0E-02
Selenium	6020	9/17/2009	0	7.0E-03			5.0E-02
Selenium	6020	2/22/2010	0				5.0E-02
Selenium	6010	10/24/2010	0	1.5E-02			5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2005	0		S-0	2.5E-03	5.0E-02
Silver	6010	11/7/2006	0			1.9E-03	5.0E-02
Silver	6010	11/5/2007	0			2.0E-03	5.0E-02
Silver	6020	9/17/2009	0			1.0E-03	5.0E-02
Silver	6020	2/22/2010	0				5.0E-02
Silver	6010	10/24/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/19/2005	0		U	5.0E-04	
Styrene	8260	11/7/2006	0			1.4E-04	
Sulfate	300.0	12/19/2005	0	9.1E+01			6.0E+02
tert-amyl methyl ether	8260	12/19/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/7/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/5/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/22/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/19/2005	0		U	2.5E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
tert-butyl alcohol	8260	2/22/2010	0				
Tert-Butyl Alcohol	8260	3/20/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/19/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/7/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/7/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/5/2007	0			6.4E-03	
Toluene	8021	10/4/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/19/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/5/2006	0	3.3E-05	Q-1		7.5E-01
Toluene	8021	6/4/2006	0		Q-2	2.6E-05	7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/7/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/5/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	9/17/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/22/2010	0				7.5E-01
Toluene	8260	10/24/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/20/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0		U		
Total Dissolved Solids	160.1	12/19/2005	0	6.4E+02			
Total Mercury	7470	12/19/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/7/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/5/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	9/17/2009	0			0.0E+00	2.0E-03
Total Mercury	7470	2/22/2010	0				2.0E-03
Total Mercury	7470	10/24/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	10/4/2005	0	2.6E-03			6.2E-01
Total Xylenes	8021	3/5/2006	0	5.3E-04	Ja		6.2E-01
Total Xylenes	8021	6/4/2006	0	7.7E-04	Q-2		6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/7/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/5/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/26/2008	0		U		6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-08**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8260	9/17/2009	0	2.6E-03			6.2E-01
Total Xylenes	8260	10/24/2010	0	1.4E-03			6.2E-01
Total Xylenes	8260	3/20/2011	0	3.6E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/19/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/7/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/7/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/19/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/7/2006	0			2.6E-04	
Vinyl acetate	8260	12/19/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/19/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/7/2006	0			2.6E-04	1.0E-03

**MW-09**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/13/2005	0		U	1.7E-04	
1,1,1-Trichloroethane	8260	12/13/2005	0		U	5.0E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/13/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/13/2005	0		U	5.0E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/13/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/13/2005	0		U	5.0E-04	1.0E-01
1,1-Dichloroethane	8260	12/13/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethylene	8260	12/13/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloropropene	8260	12/13/2005	0		U	2.8E-04	
1,2,3-Trichlorobenzene	8260	12/13/2005	0		U	1.2E-04	
1,2,3-Trichloropropane	8260	12/13/2005	0		U	3.1E-04	
1,2,4-Trichlorobenzene	8260	12/13/2005	0		U	1.4E-04	
1,2,4-Trimethylbenzene	8260	12/13/2005	0	1.9E-02			
1,2-Dibromo-3-chloropropane	8260	12/13/2005	0		U	4.4E-04	
1,2-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,2-Dichloroethane	8260	12/13/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloropropane	8260	12/13/2005	0		U	1.3E-04	
1,3,5-Trimethylbenzene	8260	12/13/2005	0	2.6E-03			
1,3-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1,3-Dichloropropane	8260	12/13/2005	0		U	1.4E-04	
1,4-Dichlorobenzene	8260	12/13/2005	0		U	5.0E-04	
1-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0	1.6E-02			3.0E-02
2,2-Dichloropropane	8260	12/13/2005	0		U	1.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-09**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
2-Butanone	8260	12/13/2005	0	5.3E-03			
2-Chlorotoluene	8260	12/13/2005	0		U	5.0E-04	
2-Hexanone	8260	12/13/2005	0		U	3.9E-04	
2-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0	8.2E-03			3.0E-02
4-Chlorotoluene	8260	12/13/2005	0		U	1.3E-04	
4-Methyl-2-pentanone	8260	12/13/2005	0		U	3.7E-04	
Acenaphthene	8270	12/13/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/22/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/13/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	1/28/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/22/2010	0				3.0E-02
Acenaphthylene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/13/2005	0		U	3.8E-04	
Anthracene	8270	12/13/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	1/28/2008	0			1.0E-03	3.0E-02
Anthracene	8270	2/22/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.9E-03	3.0E-02
Arsenic	6020	12/13/2005	0	1.4E-01			1.0E-01
Arsenic	6010	1/28/2008	0	3.0E-02			1.0E-01
Arsenic	6020	9/16/2009	0	1.5E-02			1.0E-01
Arsenic	6020	2/22/2010	0	1.7E-02			1.0E-01
Arsenic	6010	10/24/2010	0	1.7E-02			1.0E-01
Arsenic	3050	3/20/2011	0			3.0E-02	1.0E-01
Barium	6020	12/13/2005	0	3.1E-01			1.0E+00
Barium	6010	1/28/2008	0	1.9E-01			1.0E+00
Barium	6020	9/16/2009	0	1.7E-01			1.0E+00
Barium	6020	2/22/2010	0	1.9E-01			1.0E+00
Barium	6010	10/24/2010	0	1.6E-01			1.0E+00
Barium	3050	3/20/2011	0	2.6E-01			1.0E+00
Benzene	8260	12/13/2005	0	1.9E-03			1.0E-02
Benzene	8021	1/28/2008	0			5.0E-04	1.0E-02
Benzene	8021	3/4/2008	0			5.0E-04	1.0E-02
Benzene	8260	9/16/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/22/2010	0				1.0E-02
Benzene	8260	10/24/2010	0	1.2E-03			1.0E-02
Benzene	8260	3/20/2011	0	1.2E-03			1.0E-02
benzo (b & k) fluoranthene	8270	12/13/2005	0		U	2.9E-03	

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-09**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)anthracene	8270	12/13/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/22/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			2.0E-03	3.0E-02
Benzo(a)pyrene	8270	12/13/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	1/28/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/22/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			2.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/20/2011	0			2.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/22/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			2.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			2.0E-03	3.0E-02
Bromobenzene	8260	12/13/2005	0		U	1.6E-04	
Bromochloromethane	8260	12/13/2005	0		U	1.8E-04	
Bromodichloromethane	8260	12/13/2005	0		U	1.3E-04	
Bromoform	8260	12/13/2005	0		U	5.0E-04	
Bromomethane	8260	12/13/2005	0		U	1.9E-04	
Cadmium	6020	12/13/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	1/28/2008	0	1.7E-03			1.0E-02
Cadmium	6020	9/16/2009	0			2.0E-04	1.0E-02
Cadmium	6020	2/22/2010	0				1.0E-02
Cadmium	6010	10/24/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/13/2005	0		U	1.0E-03	
Carbon Tetrachloride	8260	12/13/2005	0		U	5.0E-04	1.0E-02
Chloride	300.0	12/13/2005	0	1.3E+02			2.5E+02
Chlorobenzene	8260	12/13/2005	0		U	5.0E-04	
Chloroethane	8260	12/13/2005	0		U	1.3E-04	
Chloroform	8260	12/13/2005	0		U	1.1E-04	1.0E-01
Chloromethane	8260	12/13/2005	0		U	5.0E-04	
Chromium	6020	12/13/2005	0	5.5E-03	J		5.0E-02
Chromium	6010	1/28/2008	0			2.0E-03	5.0E-02
Chromium	6020	9/16/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/22/2010	0				5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-09**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chromium	6010	10/24/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/13/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	1/28/2008	0			1.0E-03	3.0E-02
Chrysene	8270	2/22/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			2.0E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/13/2005	0		U	1.2E-04	
cis-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
Cyanide (total)	335.2	12/13/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/13/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	1/28/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/22/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			2.0E-03	3.0E-02
Dibenzofuran	8270	12/13/2005	0	1.9E-02			
Dibromochloromethane	8260	12/13/2005	0		U	1.1E-04	
Dibromomethane	8260	12/13/2005	0		U	2.7E-04	
Dichlorodifluoromethane	8260	12/13/2005	0		I-O	5.0E-04	
Diisopropyl ether	8260	12/13/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	1/28/2008	0			5.0E-04	
Diisopropyl Ether	8260	2/22/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/22/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/13/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	1/28/2008	0			3.3E-04	
Ethylbenzene	8260	12/13/2005	0	1.5E-02			7.5E-01
Ethylbenzene	8021	1/28/2008	0	3.6E-03			7.5E-01
Ethylbenzene	8021	3/4/2008	0	2.9E-02			7.5E-01
Ethylbenzene	8260	9/16/2009	0	1.7E-02			7.5E-01
Ethylbenzene	8260	2/22/2010	0	7.5E-03			7.5E-01
Ethylbenzene	8260	10/24/2010	0	1.2E-02			7.5E-01
Ethylbenzene	8260	3/20/2011	0	2.0E-02			7.5E-01
Ethylene Dibromide	8260	12/13/2005	0		U	2.1E-04	1.0E-04
Fluoranthene	8270	12/13/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/22/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/13/2005	0	2.8E-02			3.0E-02
Fluorene	8270	1/28/2008	0	9.0E-03			3.0E-02
Fluorene	8270	2/22/2010	0				3.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-09**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluorene	8270	3/20/2011	0			5.9E-03	3.0E-02
Fluoride	300.0	12/13/2005	0	4.3E+00			1.6E+00
Hexachlorobutadiene	8260	12/13/2005	0		U	1.9E-04	
Indeno(1,2,3-cd)pyrene	8270	12/13/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	1/28/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/22/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			2.0E-03	3.0E-02
Isopropylbenzene	8260	12/13/2005	0	9.2E-03			
Lead	6020	12/13/2005	0	1.8E-02			5.0E-02
Lead	6010	1/28/2008	0			3.6E-03	5.0E-02
Lead	6020	9/16/2009	0	2.0E-03			5.0E-02
Lead	6020	2/22/2010	0				5.0E-02
Lead	6010	10/24/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/13/2005	0	3.7E-03			
m,p-Xylene	8260	9/16/2009	0			1.0E-03	
m,p-Xylenes	8021	3/4/2008	0	9.0E-03			
m,p-Xylenes	8260	2/22/2010	0				
m,p-Xylenes	8260	10/24/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/22/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/13/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	1/28/2008	0			4.2E-04	
Methylene Chloride	8260	12/13/2005	0		Q-2	1.5E-02	1.0E-01
Naphthalene	8270	12/13/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	12/13/2005	0	3.0E-02			3.0E-02
Naphthalene	8270	1/28/2008	0	2.5E-02			3.0E-02
Naphthalene	8270	2/22/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0	1.2E-02			3.0E-02
n-Butylbenzene	8260	12/13/2005	0		U	5.0E-04	
Nitrate (NO3 as N)	300.0	12/13/2005	0	1.9E+00			1.0E+01
n-Propylbenzene	8260	12/13/2005	0	7.0E-03			
o-Xylene	8260	12/13/2005	0	2.1E-03			
o-Xylene	8021	3/4/2008	0	4.7E-03			
o-Xylene	8260	9/16/2009	0	1.1E-03			
o-Xylene	8260	2/22/2010	0				
o-Xylene	8260	10/24/2010	0	1.0E-03			
pH	150.1	12/13/2005	0	7.2E+00	H-0		
Phenanthrene	8270	12/13/2005	0	2.3E-02			3.0E-02
Phenanthrene	8270	1/28/2008	0	1.5E-02			3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-09**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Phenanthrene	8270	2/22/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0			4.9E-03	3.0E-02
p-Isopropyltoluene	8260	12/13/2005	0	4.6E-03			
Pyrene	8270	12/13/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	1/28/2008	0	5.7E-03			3.0E-02
Pyrene	8270	2/22/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/13/2005	0	1.1E-02			
Selenium	6020	12/13/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	1/28/2008	0	1.5E-02			5.0E-02
Selenium	6020	9/16/2009	0	5.0E-03			5.0E-02
Selenium	6020	2/22/2010	0				5.0E-02
Selenium	6010	10/24/2010	0	1.2E-02			5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6020	12/13/2005	0	1.5E-04	J		5.0E-02
Silver	6010	1/28/2008	0			3.0E-03	5.0E-02
Silver	6020	9/16/2009	0			1.0E-03	5.0E-02
Silver	6020	2/22/2010	0				5.0E-02
Silver	6010	10/24/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/13/2005	0		U	5.0E-04	
Sulfate	300.0	12/13/2005	0	4.3E+01			6.0E+02
tert-amyl methyl ether	8260	12/13/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	1/28/2008	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/22/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/13/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/22/2010	0	1.2E-02			
Tert-Butyl Alcohol	8260	3/20/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/13/2005	0		U	1.1E-04	
Tertiary Butyl Alcohol	8260	1/28/2008	0			6.4E-03	
Toluene	8260	12/13/2005	0	6.1E-04			7.5E-01
Toluene	8021	1/28/2008	0			5.0E-04	7.5E-01
Toluene	8021	3/4/2008	0			1.0E-03	7.5E-01
Toluene	8260	9/16/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/22/2010	0				7.5E-01
Toluene	8260	10/24/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/20/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	3/4/2008	0	4.3E-02			
Total Dissolved Solids	160.1	12/13/2005	0	7.3E+02			

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-09**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Mercury	7470	12/13/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	1/28/2008	0			1.0E-04	2.0E-03
Total Mercury	7470	9/16/2009	0			0.0E+00	2.0E-03
Total Mercury	7470	2/22/2010	0				2.0E-03
Total Mercury	7470	10/24/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	1/28/2008	0	3.3E-03			6.2E-01
Total Xylenes	8021	3/4/2008	0	1.4E-02			6.2E-01
Total Xylenes	8260	9/16/2009	0	1.1E-03			6.2E-01
Total Xylenes	8260	10/24/2010	0	1.0E-03			6.2E-01
Total Xylenes	8260	3/20/2011	0	3.8E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/13/2005	0		U	1.8E-04	
trans-1,3-Dichloropropene	8260	12/13/2005	0		U	5.0E-04	
Trichlorofluoromethane	8260	12/13/2005	0		U	1.8E-04	
Vinyl acetate	8260	12/13/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/13/2005	0		U	5.0E-04	1.0E-03

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/19/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/19/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/19/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/19/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/19/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/19/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/19/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/19/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/19/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/19/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,3-Trichloropropane	8260	12/19/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/19/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/19/2005	0	1.4E-03			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	5.5E-03			
1,2-Dibromo-3-chloropropane	8260	12/19/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/19/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/19/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/19/2005	0		U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/8/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/19/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/18/2011	0			4.9E-03	3.0E-02
2,2-Dichloropropane	8260	12/19/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/19/2005	0		U	4.7E-04	
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/19/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/19/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/18/2011	0			4.9E-03	3.0E-02
4-Chlorotoluene	8260	12/19/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/19/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/19/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/4/2006	0		U	1.6E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthene	8270	12/8/2008	0			2.0E-03	3.0E-02
Acenaphthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/21/2010	0				3.0E-02
Acenaphthene	8270	3/18/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/19/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	12/8/2008	0			2.0E-03	3.0E-02
Acenaphthylene	8270	3/14/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/21/2010	0				3.0E-02
Acenaphthylene	8270	3/18/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/19/2005	0		U	3.8E-04	
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/19/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/4/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Anthracene	8270	12/8/2008	0			2.0E-03	3.0E-02
Anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/21/2010	0				3.0E-02
Anthracene	8270	3/18/2011	0			3.9E-03	3.0E-02
Arsenic	6010	12/19/2005	0	2.2E-02	S-0		1.0E-01
Arsenic	6010	11/8/2006	0	1.9E-02			1.0E-01
Arsenic	6010	11/6/2007	0			5.0E-03	1.0E-01
Arsenic	6010	6/15/2008	0			3.0E-03	1.0E-01
Arsenic	6010	8/26/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/8/2008	0	8.0E-03			1.0E-01
Arsenic	6020	3/14/2009	0	1.2E-02			1.0E-01
Arsenic	6020	2/21/2010	0	2.0E-02			1.0E-01
Arsenic	3050	3/18/2011	0	4.1E-02			1.0E-01
Barium	6010	12/19/2005	0	1.1E-01	S-0		1.0E+00
Barium	6010	11/8/2006	0	9.8E-02			1.0E+00
Barium	6010	11/6/2007	0	1.8E-01			1.0E+00
Barium	6010	6/15/2008	0	9.9E-02			1.0E+00
Barium	6010	8/26/2008	0	1.1E-01			1.0E+00
Barium	6020	12/8/2008	0	1.4E-01			1.0E+00
Barium	6020	3/14/2009	0	3.0E-01			1.0E+00

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Barium	6020	2/21/2010	0	5.1E-01			1.0E+00
Barium	3050	3/18/2011	0	3.2E-01			1.0E+00
Benzene	8021	10/4/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Benzene	8021	3/4/2006	0	3.7E-05	Q-1		1.0E-02
Benzene	8021	6/4/2006	0	6.2E-05	Q-2		1.0E-02
Benzene	8021	9/9/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0			3.3E-04	1.0E-02
Benzene	8021	2/25/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/6/2007	0			5.0E-04	1.0E-02
Benzene	8021	3/4/2008	0			5.0E-04	1.0E-02
Benzene	8260	6/15/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/26/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/8/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/14/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/21/2010	0				1.0E-02
Benzene	8260	3/18/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/19/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/19/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/4/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	12/8/2008	0			2.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/21/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/4/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-04	7.0E-04
Benzo(a)pyrene	8270	11/6/2007	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	12/8/2008	0			2.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/14/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/21/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/18/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/4/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/8/2008	0			2.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(b)fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/4/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/8/2008	0			2.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/21/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/8/2008	0			2.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/19/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/19/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/19/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/19/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/19/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6010	12/19/2005	0		S-0	1.0E-03	1.0E-02
Cadmium	6010	11/8/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/6/2007	0	2.3E-03			1.0E-02
Cadmium	6010	6/15/2008	0	2.1E-02			1.0E-02
Cadmium	6010	8/26/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/8/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/14/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/21/2010	0				1.0E-02
Cadmium	3050	3/18/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/19/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/19/2005	0		U	5.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/19/2005	0	4.5E+01			2.5E+02
Chlorobenzene	8260	12/19/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/19/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/19/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/19/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6010	12/19/2005	0	1.1E-02	S-0		5.0E-02
Chromium	6010	11/8/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/6/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/15/2008	0	2.5E-02			5.0E-02
Chromium	6010	8/26/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/8/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/14/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/21/2010	0				5.0E-02
Chromium	3050	3/18/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-04	3.0E-02
Chrysene	8270	11/6/2007	0			1.0E-03	3.0E-02
Chrysene	8270	12/8/2008	0			2.0E-03	3.0E-02
Chrysene	8270	3/14/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/21/2010	0				3.0E-02
Chrysene	8270	3/18/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/19/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/19/2005	0		U	5.0E-02	
Di Isopropyl Ether	8260	12/8/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/14/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/19/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/8/2008	0			2.0E-03	3.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibenzo(a,h)anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/21/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/19/2005	0		U	3.5E-03	
Dibromochloromethane	8260	12/19/2005	0		U	1.1E-04	
Dibromomethane	8260	12/19/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/19/2005	0		U	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/19/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/21/2010	0				
Di-Isopropyl ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/8/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/14/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/21/2010	0				
Ethyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	12/19/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8021	10/4/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	12/19/2005	0		U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/4/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/4/2006	0		Q-2	8.1E-05	7.5E-01
Ethylbenzene	8021	9/9/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/8/2006	0			4.2E-04	7.5E-01
Ethylbenzene	8021	2/25/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/6/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	3/4/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	6/15/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/26/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/8/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/14/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/21/2010	0				7.5E-01
Ethylbenzene	8260	3/18/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	12/19/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluoranthene	8270	12/19/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/4/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Fluoranthene	8270	12/8/2008	0			2.0E-03	3.0E-02
Fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/21/2010	0				3.0E-02
Fluoranthene	8270	3/18/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/19/2005	0	4.0E-03	J		3.0E-02
Fluorene	8270	3/4/2006	0		U	1.2E-03	3.0E-02
Fluorene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluorene	8270	11/6/2007	0	2.0E-02			3.0E-02
Fluorene	8270	12/8/2008	0			2.0E-03	3.0E-02
Fluorene	8270	3/14/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/21/2010	0				3.0E-02
Fluorene	8270	3/18/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/19/2005	0	4.3E+00			1.6E+00
Hexachlorobutadiene	8260	12/19/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/8/2008	0			2.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/21/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/18/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/19/2005	0		U	5.0E-04	
Isopropylbenzene	8260	11/8/2006	0	2.2E-03			
Lead	6010	12/19/2005	0		S-0	9.4E-03	5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Lead	6010	6/15/2008	0	1.6E-01			5.0E-02
Lead	6010	8/26/2008	0			4.0E-03	5.0E-02
Lead	6020	12/8/2008	0			1.0E-03	5.0E-02
Lead	6020	3/14/2009	0			1.0E-03	5.0E-02
Lead	6020	2/21/2010	0				5.0E-02
Lead	3050	3/18/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/19/2005	0		U	1.0E-03	
m,p-Xylene	8260	6/15/2008	0			1.0E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
m,p-Xylene	8260	8/26/2008	0			1.0E-03	
m,p-Xylene	8260	12/8/2008	0			1.0E-03	
m,p-Xylene	8260	3/14/2009	0			1.0E-03	
m,p-Xylenes	8021	3/4/2008	0			1.4E-03	
m,p-Xylenes	8260	2/21/2010	0				
Methyl tert butyl Ether	8260	12/8/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/14/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/21/2010	0				
Methyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	12/19/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/6/2007	0	1.2E-03			
Methylene Chloride	8260	12/19/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8270	12/19/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	12/19/2005	0		U	2.4E-04	3.0E-02
Naphthalene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8260	11/8/2006	0	5.4E-03			3.0E-02
Naphthalene	8270	11/8/2006	0			1.2E-03	3.0E-02
Naphthalene	8270	11/6/2007	0			1.0E-03	3.0E-02
Naphthalene	8270	12/8/2008	0			2.0E-03	3.0E-02
Naphthalene	8270	3/14/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/21/2010	0				3.0E-02
Naphthalene	8270	3/18/2011	0			4.9E-03	3.0E-02
n-Butylbenzene	8260	12/19/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	2.6E-03			
Nitrate (NO3 as N)	300.0	12/19/2005	0	5.8E+00	C-0		1.0E+01
n-Propylbenzene	8260	12/19/2005	0		U	5.0E-04	
n-Propylbenzene	8260	11/8/2006	0	1.1E-03			
o-Xylene	8260	12/19/2005	0	1.3E-04	J		
o-Xylene	8021	3/4/2008	0	1.1E-03			
o-Xylene	8260	6/15/2008	0			5.0E-04	
o-Xylene	8260	8/26/2008	0			5.0E-04	
o-Xylene	8260	12/8/2008	0			5.0E-04	
o-Xylene	8260	3/14/2009	0			5.0E-04	
o-Xylene	8260	2/21/2010	0				
pH	150.1	12/19/2005	0	7.3E+00	H-0		
Phenanthrene	8270	12/19/2005	0	4.9E-03	J		3.0E-02
Phenanthrene	8270	3/4/2006	0		U	1.2E-03	3.0E-02
Phenanthrene	8270	11/8/2006	0			9.6E-04	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Phenanthrene	8270	11/6/2007	0	2.0E-02			3.0E-02
Phenanthrene	8270	12/8/2008	0			3.0E-03	3.0E-02
Phenanthrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/21/2010	0				3.0E-02
Phenanthrene	8270	3/18/2011	0			4.9E-03	3.0E-02
p-Isopropyltoluene	8260	12/19/2005	0	9.4E-04	J		
p-Isopropyltoluene	8260	11/8/2006	0	3.2E-03			
Pyrene	8270	12/19/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	3/4/2006	0		U	1.1E-03	3.0E-02
Pyrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Pyrene	8270	12/8/2008	0			2.0E-03	3.0E-02
Pyrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/21/2010	0				3.0E-02
Pyrene	8270	3/18/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/19/2005	0	1.6E-03			
sec-Butylbenzene	8260	11/8/2006	0	4.9E-03			
Selenium	6010	12/19/2005	0	1.0E-02	S-0		5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/6/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/15/2008	0	4.1E-01			5.0E-02
Selenium	6010	8/26/2008	0			3.0E-03	5.0E-02
Selenium	6020	12/8/2008	0			1.0E-03	5.0E-02
Selenium	6020	3/14/2009	0			1.0E-03	5.0E-02
Selenium	6020	2/21/2010	0				5.0E-02
Selenium	3050	3/18/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2005	0		S-0	2.5E-03	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Silver	6010	6/15/2008	0			1.0E-03	5.0E-02
Silver	6010	8/26/2008	0			1.0E-03	5.0E-02
Silver	6020	12/8/2008	0			1.0E-03	5.0E-02
Silver	6020	3/14/2009	0			1.0E-03	5.0E-02
Silver	6020	2/21/2010	0				5.0E-02
Silver	3050	3/18/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/19/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/19/2005	0	1.3E+02			6.0E+02
tert-amyl methyl ether	8260	12/19/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/8/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/14/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/21/2010	0				
Tert-Amyl Methyl Ether	8260	3/18/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	12/19/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	12/8/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/14/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/21/2010	0				
Tert-Butyl Alcohol	8260	3/18/2011	0			5.0E-03	
tert-Butylbenzene	8260	12/19/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8021	10/4/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/19/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/4/2006	0	6.8E-05	Q-1		7.5E-01
Toluene	8021	6/4/2006	0		Q-2	2.6E-05	7.5E-01
Toluene	8021	9/9/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Toluene	8021	3/4/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/15/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/26/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/8/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/14/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/21/2010	0				7.5E-01
Toluene	8260	3/18/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	3/4/2008	0	1.1E-03			
Total Dissolved Solids	160.1	12/19/2005	0	6.3E+02			
Total Mercury	7470	12/19/2005	0	6.5E-04	J		2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/15/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/26/2008	0	2.0E-04			2.0E-03
Total Mercury	7470	12/8/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/14/2009	0	1.0E-04			2.0E-03

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-10**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Mercury	7470	2/21/2010	0				2.0E-03
Total Mercury	7471	3/18/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	10/4/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/4/2006	0	1.4E-04	Ja		6.2E-01
Total Xylenes	8021	6/4/2006	0	9.5E-04	Q-2		6.2E-01
Total Xylenes	8021	9/9/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/8/2006	0			4.5E-04	6.2E-01
Total Xylenes	8021	2/25/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/6/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	3/4/2008	0	1.1E-03			6.2E-01
Total Xylenes	8260	6/15/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/26/2008	0				6.2E-01
Total Xylenes	8260	3/18/2011	0	1.0E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/19/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/19/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/19/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/19/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	11/29/2005	0		U,U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	11/29/2005	0		U,U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/7/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	11/29/2005	0		U,U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/29/2005	0		U,U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/7/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	11/29/2005	0		U,U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	11/29/2005	0		U,U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/7/2006	0			2.5E-04	1.0E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1-Dichloroethane	8260	11/29/2005	0		U,U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/7/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	11/29/2005	0		U,U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/7/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	11/29/2005	0		U,U	2.8E-04	
1,1-Dichloropropene	8260	11/7/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	11/29/2005	0		U,U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/7/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	11/29/2005	0		Q-2	3.1E-04	
1,2,3-Trichloropropane	8260	11/7/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	11/29/2005	0		U,U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/7/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/7/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	11/29/2005	0		Q-2	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/7/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,2-Dichlorobenzene	8260	11/7/2006	0			2.9E-04	
1,2-Dichloroethane	8260	11/29/2005	0		U,U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/7/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	11/29/2005	0		U,U	1.3E-04	
1,2-Dichloropropane	8260	11/7/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/7/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,3-Dichlorobenzene	8260	11/7/2006	0			2.1E-04	
1,3-Dichloropropane	8260	11/29/2005	0		U,U	1.4E-04	
1,3-Dichloropropane	8260	11/7/2006	0			2.1E-04	
1,4-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,4-Dichlorobenzene	8260	11/7/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
2,2-Dichloropropane	8260	11/29/2005	0		U,U	1.1E-04	
2,2-Dichloropropane	8260	11/7/2006	0			2.5E-04	
2-Butanone	8260	11/29/2005	0		U,U	4.7E-04	
2-Butanone	8260	11/7/2006	0			3.1E-03	
2-Chlorotoluene	8260	11/29/2005	0		U,U	5.0E-04	
2-Chlorotoluene	8260	11/7/2006	0			1.5E-04	
2-Hexanone	8260	11/29/2005	0		U,U	3.9E-04	
2-Hexanone	8260	11/7/2006	0			1.3E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
2-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
4-Chlorotoluene	8260	11/29/2005	0		U,U	1.3E-04	
4-Chlorotoluene	8260	11/7/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	11/29/2005	0		U,U	3.7E-04	
4-Methyl-2-pentanone	8260	11/7/2006	0			1.5E-03	
Acenaphthene	8270	12/19/2004	0		U	4.2E-05	3.0E-02
Acenaphthene	8270	11/29/2005	0		U,U	3.4E-03	3.0E-02
Acenaphthene	8270	3/3/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Acenaphthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/20/2010	0				3.0E-02
Acenaphthene	8270	3/21/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	11/29/2005	0		U,U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/20/2010	0				3.0E-02
Acenaphthylene	8270	3/21/2011	0			4.8E-03	3.0E-02
Acetone	8260	11/29/2005	0		U,U	3.8E-04	
Acetone	8260	11/7/2006	0			4.0E-03	
Anthracene	8270	12/19/2004	0		U	4.7E-05	3.0E-02
Anthracene	8270	11/29/2005	0		U,U	3.3E-03	3.0E-02
Anthracene	8270	3/3/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Anthracene	8270	11/3/2007	0			1.0E-03	3.0E-02
Anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/20/2010	0				3.0E-02
Anthracene	8270	3/21/2011	0			3.8E-03	3.0E-02
Antimony	6020	11/29/2005	0		Q-1	2.0E-04	
Arsenic	6010	12/19/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	11/29/2005	0		I-0	2.0E-01	1.0E-01
Arsenic	6010	11/7/2006	0	2.7E-02			1.0E-01
Arsenic	6010	11/3/2007	0	1.4E-02			1.0E-01



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Arsenic	6010	6/13/2008	0	1.3E-01			1.0E-01
Arsenic	6010	8/25/2008	0	1.0E-02			1.0E-01
Arsenic	6020	12/6/2008	0	9.0E-03			1.0E-01
Arsenic	6020	3/12/2009	0	1.1E-02			1.0E-01
Arsenic	6020	2/20/2010	0	2.2E-02			1.0E-01
Arsenic	3050	3/21/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2004	0	5.0E-02	J		1.0E+00
Barium	6020	11/29/2005	0	3.4E-02			1.0E+00
Barium	6010	11/7/2006	0	2.4E-02			1.0E+00
Barium	6010	11/3/2007	0	2.5E-02			1.0E+00
Barium	6010	6/13/2008	0	2.3E-02			1.0E+00
Barium	6010	8/25/2008	0	2.1E-02			1.0E+00
Barium	6020	12/6/2008	0	1.8E-02			1.0E+00
Barium	6020	3/12/2009	0	2.3E-02			1.0E+00
Barium	6020	2/20/2010	0	2.7E-02			1.0E+00
Barium	3050	3/21/2011	0			1.0E-01	1.0E+00
Benzene	8021	3/17/2004	0			1.7E-03	1.0E-02
Benzene	8021	6/26/2004	0			1.4E-04	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/19/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	6/25/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	9/17/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	11/29/2005	0		U,U	5.0E-04	1.0E-02
Benzene	8021	3/3/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/3/2006	0		Q-2	2.8E-05	1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/7/2006	0			3.1E-04	1.0E-02
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/27/2008	0			5.0E-04	1.0E-02
Benzene	8260	6/13/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/25/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/6/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/12/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/20/2010	0				1.0E-02
Benzene	8260	3/21/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	11/29/2005	0		U,U	2.9E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)anthracene	8270	12/19/2004	0		U	9.9E-05	3.0E-02
Benzo(a)anthracene	8270	11/29/2005	0		U,U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/20/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2004	0		U	1.4E-04	7.0E-04
Benzo(a)pyrene	8270	11/29/2005	0		U,U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/3/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/7/2006	0			9.9E-04	7.0E-04
Benzo(a)pyrene	8270	11/3/2007	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	12/6/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/12/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/20/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/21/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/19/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	3/3/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/29/2005	0		U,U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/3/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/20/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/19/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/7/2006	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(k)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/21/2011	0			1.9E-03	3.0E-02
Beryllium	6020	11/29/2005	0		U,U	5.0E-03	
Bromobenzene	8260	11/29/2005	0		U,U	1.6E-04	
Bromobenzene	8260	11/7/2006	0			3.5E-04	
Bromochloromethane	8260	11/29/2005	0		U,U	1.8E-04	
Bromochloromethane	8260	11/7/2006	0			5.5E-04	
Bromodichloromethane	8260	11/29/2005	0		U,U	1.3E-04	
Bromodichloromethane	8260	11/7/2006	0			1.9E-04	
Bromoform	8260	11/29/2005	0		U,U	5.0E-04	
Bromoform	8260	11/7/2006	0			3.2E-04	
Bromomethane	8260	11/29/2005	0		U,U	1.9E-04	
Bromomethane	8260	11/7/2006	0			2.7E-04	
Cadmium	6010	12/19/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	11/29/2005	0		U,U	1.6E-02	1.0E-02
Cadmium	6010	11/7/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/13/2008	0	2.7E-02			1.0E-02
Cadmium	6010	8/25/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/6/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/12/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/20/2010	0				1.0E-02
Cadmium	3050	3/21/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	11/29/2005	0		U,U	1.0E-03	
Carbon disulfide	8260	11/7/2006	0			1.8E-04	
Carbon Tetrachloride	8260	11/29/2005	0		U,U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/7/2006	0			2.2E-04	1.0E-02
Chloride	300.0	11/29/2005	0	2.3E+01			2.5E+02
Chlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
Chlorobenzene	8260	11/7/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/7/2006	0			4.8E-04	
Chloroethane	8260	11/29/2005	0		U,U	1.3E-04	
Chloroethane	8260	11/7/2006	0			3.5E-04	
Chloroform	8260	11/29/2005	0		U,U	1.1E-04	1.0E-01
Chloroform	8260	11/7/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	11/29/2005	0		U,U	5.0E-04	
Chloromethane	8260	11/7/2006	0			3.1E-04	
Chromium	6010	12/19/2004	0		U	4.4E-04	5.0E-02
Chromium	6020	11/29/2005	0		I-0	1.2E-02	5.0E-02

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chromium	6010	11/7/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/13/2008	0	5.2E-02			5.0E-02
Chromium	6010	8/25/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/6/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/12/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/20/2010	0				5.0E-02
Chromium	3050	3/21/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	11/29/2005	0		U,U	2.1E-03	3.0E-02
Chrysene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/7/2006	0			9.9E-04	3.0E-02
Chrysene	8270	11/3/2007	0			1.0E-03	3.0E-02
Chrysene	8270	12/6/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/12/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/20/2010	0				3.0E-02
Chrysene	8270	3/21/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	11/29/2005	0		U,U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/7/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	11/29/2005	0		U,U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/7/2006	0			2.7E-04	
Cyanide (total)	335.2	11/29/2005	0		U,U	5.0E-02	
Di Isopropyl Ether	8260	12/6/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/12/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	11/29/2005	0		U,U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/7/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/20/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/21/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	11/29/2005	0		U,U	3.5E-03	
Dibromochloromethane	8260	11/29/2005	0		U,U	1.1E-04	
Dibromomethane	8260	11/29/2005	0		U,U	2.7E-04	
Dibromomethane	8260	11/7/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	11/29/2005	0		U,U	5.0E-04	
Dichlorodifluoromethane	8260	11/7/2006	0			2.9E-04	
Diisopropyl ether	8260	11/29/2005	0		U,U	1.0E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Diisopropyl Ether	8260	11/7/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/20/2010	0				
Di-Isopropyl ether	8260	3/21/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/6/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/12/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/20/2010	0				
Ethyl Tert Butyl Ether	8260	3/21/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	11/29/2005	0		U,U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/7/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	3/17/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	6/26/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/19/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	6/25/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	9/17/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/3/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/3/2006	0		Q-2	8.1E-05	7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/7/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/27/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	6/13/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/25/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/6/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/12/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/20/2010	0				7.5E-01
Ethylbenzene	8260	3/21/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	11/29/2005	0		U,U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/7/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	11/29/2005	0		U,U	2.9E-03	3.0E-02
Fluoranthene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluoranthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/20/2010	0				3.0E-02
Fluoranthene	8270	3/21/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/19/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	11/29/2005	0		U,U	3.7E-03	3.0E-02
Fluorene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Fluorene	8270	11/7/2006	0			9.9E-04	3.0E-02
Fluorene	8270	11/3/2007	0			1.0E-03	3.0E-02
Fluorene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/20/2010	0				3.0E-02
Fluorene	8270	3/21/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	11/29/2005	0	4.7E+00			1.6E+00
Hexachlorobutadiene	8260	11/29/2005	0		U,U	1.9E-04	
Hexachlorobutadiene	8260	11/7/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/29/2005	0		U,U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/7/2006	0			1.8E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/20/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/21/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
Isopropylbenzene	8260	11/7/2006	0			2.3E-04	
Lead	6010	12/19/2004	0		U	3.1E-03	5.0E-02
Lead	6020	11/29/2005	0		Q-1	3.0E-04	5.0E-02
Lead	6010	11/7/2006	0			2.2E-03	5.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Lead	6010	6/13/2008	0	1.4E-01			5.0E-02
Lead	6010	8/25/2008	0			4.0E-03	5.0E-02
Lead	6020	12/6/2008	0			1.0E-03	5.0E-02
Lead	6020	3/12/2009	0			1.0E-03	5.0E-02
Lead	6020	2/20/2010	0				5.0E-02
Lead	3050	3/21/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	11/29/2005	0		U,U	1.0E-03	
m,p-Xylene	8260	6/13/2008	0			1.0E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
m,p-Xylene	8260	8/25/2008	0			1.0E-03	
m,p-Xylene	8260	12/6/2008	0			1.0E-03	
m,p-Xylene	8260	3/12/2009	0			1.0E-03	
m,p-Xylenes	8021	2/27/2008	0			1.4E-03	
m,p-Xylenes	8260	2/20/2010	0				
Methyl tert butyl Ether	8260	12/6/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/12/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/20/2010	0				
Methyl Tert Butyl Ether	8260	3/21/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	11/29/2005	0		U,U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/7/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Methylene Chloride	8260	11/29/2005	0		U,U	1.5E-02	1.0E-01
Methylene Chloride	8260	11/7/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	7.5E-04	
Naphthalene	8270	12/19/2004	0		U	4.5E-05	3.0E-02
Naphthalene	8270	11/29/2005	0		U,U	4.3E-03	3.0E-02
Naphthalene	8260	11/29/2005	0		U,U	2.4E-04	3.0E-02
Naphthalene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8270	11/7/2006	0			1.3E-03	3.0E-02
Naphthalene	8260	11/7/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/3/2007	0			1.0E-03	3.0E-02
Naphthalene	8270	12/6/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/12/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/20/2010	0				3.0E-02
Naphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
n-Butylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
n-Butylbenzene	8260	11/7/2006	0			7.8E-04	
Nickel	6020	11/29/2005	0		U,U	6.0E-04	
Nitrate as NO3	300.0	11/29/2005	0	1.8E+01	HT-		
n-Propylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
n-Propylbenzene	8260	11/7/2006	0			2.0E-04	
o-Xylene	8260	11/29/2005	0		U,U	1.0E-04	
o-Xylene	8021	2/27/2008	0			5.0E-04	
o-Xylene	8260	6/13/2008	0			5.0E-04	
o-Xylene	8260	8/25/2008	0			5.0E-04	
o-Xylene	8260	12/6/2008	0			5.0E-04	
o-Xylene	8260	3/12/2009	0			5.0E-04	
o-Xylene	8260	2/20/2010	0				
pH	150.1	11/29/2005	0	7.6E+00	H-0		

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Phenanthrene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Phenanthrene	8270	11/29/2005	0		U,U	3.0E-03	3.0E-02
Phenanthrene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Phenanthrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/20/2010	0				3.0E-02
Phenanthrene	8270	3/21/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	11/29/2005	0		U,U	1.4E-04	
p-Isopropyltoluene	8260	11/7/2006	0			2.1E-04	
Pyrene	8270	12/19/2004	0		U	9.0E-05	3.0E-02
Pyrene	8270	11/29/2005	0		U,U	2.0E-03	3.0E-02
Pyrene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Pyrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Pyrene	8270	11/3/2007	0			1.0E-03	3.0E-02
Pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/20/2010	0				3.0E-02
Pyrene	8270	3/21/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
sec-Butylbenzene	8260	11/7/2006	0			2.4E-04	
Selenium	6010	12/19/2004	0		U	3.7E-03	5.0E-02
Selenium	6020	11/29/2005	0		I-0	1.0E-01	5.0E-02
Selenium	6010	11/7/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/3/2007	0	1.5E-02			5.0E-02
Selenium	6010	6/13/2008	0	3.1E-02			5.0E-02
Selenium	6010	8/25/2008	0			3.0E-03	5.0E-02
Selenium	6020	12/6/2008	0	6.0E-03			5.0E-02
Selenium	6020	3/12/2009	0	4.0E-03			5.0E-02
Selenium	6020	2/20/2010	0	8.0E-03			5.0E-02
Selenium	3050	3/21/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2004	0		U	2.0E-04	5.0E-02
Silver	6020	11/29/2005	0		U,U	1.0E-04	5.0E-02
Silver	6010	11/7/2006	0			1.9E-03	5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Silver	6010	6/13/2008	0			1.0E-03	5.0E-02
Silver	6010	8/25/2008	0			1.0E-03	5.0E-02
Silver	6020	12/6/2008	0			1.0E-03	5.0E-02
Silver	6020	3/12/2009	0			1.0E-03	5.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Silver	6020	2/20/2010	0				5.0E-02
Silver	3050	3/21/2011	0			5.0E-03	5.0E-02
Styrene	8260	11/29/2005	0		U,U	5.0E-04	
Styrene	8260	11/7/2006	0			1.4E-04	
Sulfate	300.0	11/29/2005	0	1.2E+02			6.0E+02
tert-amyl methyl ether	8260	11/29/2005	0		U,U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/7/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/6/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/12/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/20/2010	0				
Tert-Amyl Methyl Ether	8260	3/21/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	11/29/2005	0		U,U	5.8E-04	
tert-butyl alcohol	8260	12/6/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/12/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/20/2010	0				
Tert-Butyl Alcohol	8260	3/21/2011	0			5.0E-03	
tert-Butylbenzene	8260	11/29/2005	0		U,U	1.1E-04	
tert-Butylbenzene	8260	11/7/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/7/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			1.5E-03	7.5E-01
Toluene	8021	6/26/2004	0	1.0E-03			7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/19/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0	2.5E-03			7.5E-01
Toluene	8021	6/25/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	9/17/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	11/29/2005	0		U,U	1.4E-04	7.5E-01
Toluene	8021	3/3/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/3/2006	0		Q-2	2.6E-05	7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/7/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/27/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/13/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/25/2008	0			5.0E-04	7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8260	12/6/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/12/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/20/2010	0				7.5E-01
Toluene	8260	3/21/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/27/2008	0			0.0E+00	
Total Dissolved Solids	160.1	11/29/2005	0	8.9E+02			
Total Mercury	7470	12/19/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	11/29/2005	0		U,U	2.0E-04	2.0E-03
Total Mercury	7470	11/7/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/13/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/25/2008	0	2.0E-04			2.0E-03
Total Mercury	7470	12/6/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/12/2009	0	3.0E-04			2.0E-03
Total Mercury	7470	2/20/2010	0				2.0E-03
Total Mercury	7471	3/21/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	6/26/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/19/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0	2.3E-03			6.2E-01
Total Xylenes	8021	6/25/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	9/17/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/3/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/3/2006	0		Q-2	1.0E-04	6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/7/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/27/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	6/13/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/25/2008	0				6.2E-01
Total Xylenes	8260	3/21/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	11/29/2005	0		U,U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/7/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	11/29/2005	0		U,U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/7/2006	0			3.1E-04	
Trichlorofluoromethane	8260	11/29/2005	0		U,U	1.8E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-11**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Trichlorofluoromethane	8260	11/7/2006	0			2.6E-04	
Vinyl acetate	8260	11/29/2005	0		U,U	2.8E-04	
Vinyl Chloride	8260	11/29/2005	0		U,U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/7/2006	0			2.6E-04	1.0E-03

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/19/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/19/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/19/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/19/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/19/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/19/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/19/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/19/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/19/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/19/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/19/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/19/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/19/2005	0	2.0E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	8.7E-03			
1,2-Dibromo-3-chloropropane	8260	12/19/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/19/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2-Dichloropropane	8260	12/19/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/19/2005	0	5.0E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0	2.9E-03			
1,3-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/19/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/19/2011	0	6.9E-03			3.0E-02
2,2-Dichloropropane	8260	12/19/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/19/2005	0		U	4.7E-04	
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/19/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/19/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/19/2011	0			4.9E-03	3.0E-02
4-Chlorotoluene	8260	12/19/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/19/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/19/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/5/2006	0		RL1		3.0E-02
Acenaphthene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/24/2010	0				3.0E-02
Acenaphthene	8270	3/19/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/19/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/5/2006	0		RL1		3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/24/2010	0				3.0E-02
Acenaphthylene	8270	3/19/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/19/2005	0		U	3.8E-04	
Acetone	8260	11/8/2006	0			7.4E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Anthracene	8270	12/19/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/5/2006	0		RL1		3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Anthracene	8270	2/24/2010	0				3.0E-02
Anthracene	8270	3/19/2011	0			3.9E-03	3.0E-02
Arsenic	6010	12/19/2005	0	2.2E-02	S-0		1.0E-01
Arsenic	6010	11/8/2006	0	1.1E-02			1.0E-01
Arsenic	6010	11/6/2007	0	1.0E-02			1.0E-01
Arsenic	6020	2/24/2010	0	1.4E-02			1.0E-01
Arsenic	6010	10/23/2010	0	1.3E-02			1.0E-01
Arsenic	6010	11/2/2010	0	2.3E-02			1.0E-01
Arsenic	3050	3/19/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2005	0	1.4E-01	S-0		1.0E+00
Barium	6010	11/8/2006	0	1.6E-01			1.0E+00
Barium	6010	11/6/2007	0	1.3E-01			1.0E+00
Barium	6020	2/24/2010	0	2.3E-01			1.0E+00
Barium	6010	10/23/2010	0	1.6E-01			1.0E+00
Barium	6010	11/2/2010	0	1.4E-01			1.0E+00
Barium	3050	3/19/2011	0	1.8E-01			1.0E+00
Benzene	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Benzene	8021	3/5/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/6/2006	0		R-0		1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0			3.3E-04	1.0E-02
Benzene	8021	2/25/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/20/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/6/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/26/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	2/24/2010	0				1.0E-02
Benzene	8260	11/2/2010	0			5.0E-04	1.0E-02
Benzene	8260	3/19/2011	0			6.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/19/2005	0	1.1E-02			
Benzo(a)anthracene	8270	12/19/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/5/2006	0		RL1		3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/24/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/19/2011	0			2.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)pyrene	8270	12/19/2005	0	5.4E-03	J		7.0E-04
Benzo(a)pyrene	8270	3/5/2006	0		RL1		7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-04	7.0E-04
Benzo(a)pyrene	8270	11/6/2007	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/24/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/19/2011	0			2.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/5/2006	0		RL1		3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/19/2011	0			2.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2005	0	5.6E-03	J		3.0E-02
Benzo(g,h,i)perylene	8270	3/5/2006	0		RL1		3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/24/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/19/2011	0			2.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/5/2006	0		RL1		3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/19/2011	0			2.0E-03	3.0E-02
Bromobenzene	8260	12/19/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/19/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/19/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/19/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/19/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6010	12/19/2005	0		S-0	1.0E-03	1.0E-02
Cadmium	6010	11/8/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/6/2007	0	2.6E-03			1.0E-02
Cadmium	6020	2/24/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	6010	11/2/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/19/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/19/2005	0		U	1.0E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/19/2005	0	7.0E+01			2.5E+02
Chlorobenzene	8260	12/19/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/19/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/19/2005	0	4.5E-04	J		1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/19/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6010	12/19/2005	0	9.1E-03	S-0		5.0E-02
Chromium	6010	11/8/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/6/2007	0			2.0E-03	5.0E-02
Chromium	6020	2/24/2010	0				5.0E-02
Chromium	6010	11/2/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/19/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/5/2006	0		RL1		3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-04	3.0E-02
Chrysene	8270	11/6/2007	0			1.0E-03	3.0E-02
Chrysene	8270	2/24/2010	0				3.0E-02
Chrysene	8270	3/19/2011	0			2.0E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/19/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/19/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/19/2005	0	5.6E-03	J		3.0E-02
Dibenzo(a,h)anthracene	8270	3/5/2006	0		RL1		3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/24/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/19/2011	0			2.0E-03	3.0E-02
Dibenzofuran	8270	12/19/2005	0	2.6E-02			
Dibromochloromethane	8260	12/19/2005	0		U	1.1E-04	
Dibromomethane	8260	12/19/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dichlorodifluoromethane	8260	12/19/2005	0		U	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/19/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/24/2010	0				
Di-Isopropyl ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/24/2010	0				
Ethyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/19/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8260	12/19/2005	0	1.4E-03			7.5E-01
Ethylbenzene	8021	3/5/2006	0	1.0E-03			7.5E-01
Ethylbenzene	8021	6/6/2006	0		R-0		7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/8/2006	0	1.5E-03			7.5E-01
Ethylbenzene	8021	2/25/2007	0	3.7E-03			7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/20/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/6/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/26/2008	0	8.3E-03			7.5E-01
Ethylbenzene	8260	2/24/2010	0				7.5E-01
Ethylbenzene	8260	11/2/2010	0	1.0E-03			7.5E-01
Ethylbenzene	8260	3/19/2011	0	1.1E-03			7.5E-01
Ethylene Dibromide	8260	12/19/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2005	0	6.3E-03	J		3.0E-02
Fluoranthene	8270	3/5/2006	0		RL1		3.0E-02
Fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/24/2010	0				3.0E-02
Fluoranthene	8270	3/19/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/19/2005	0	2.8E-02			3.0E-02
Fluorene	8270	3/5/2006	0		RL1		3.0E-02
Fluorene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluorene	8270	11/6/2007	0			1.0E-03	3.0E-02
Fluorene	8270	2/24/2010	0				3.0E-02
Fluorene	8270	3/19/2011	0			5.9E-03	3.0E-02
Fluoride	300.0	12/19/2005	0	4.1E+00			1.6E+00



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*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Hexachlorobutadiene	8260	12/19/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2005	0	5.4E-03	J		3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/5/2006	0		RL1		3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/24/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/19/2011	0			2.0E-03	3.0E-02
Isopropylbenzene	8260	12/19/2005	0	4.9E-03			
Isopropylbenzene	8260	11/8/2006	0	3.6E-03			
Lead	6010	12/19/2005	0		S-0	9.4E-03	5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Lead	6020	2/24/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	6010	11/2/2010	0			1.9E-03	5.0E-02
Lead	3050	3/19/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/19/2005	0	4.1E-03			
m,p-Xylenes	8021	2/26/2008	0	1.1E-02			
m,p-Xylenes	8260	2/24/2010	0				
m,p-Xylenes	8260	11/2/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/24/2010	0				
Methyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/19/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/6/2007	0	3.7E-03			
Methylene Chloride	8260	12/19/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8270	12/19/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	12/19/2005	0	1.2E-02			3.0E-02
Naphthalene	8270	3/5/2006	0		RL1		3.0E-02
Naphthalene	8260	11/8/2006	0	8.2E-03			3.0E-02
Naphthalene	8270	11/8/2006	0			1.2E-03	3.0E-02
Naphthalene	8270	11/6/2007	0			1.0E-03	3.0E-02
Naphthalene	8270	2/24/2010	0				3.0E-02
Naphthalene	8270	3/19/2011	0			4.9E-03	3.0E-02
n-Butylbenzene	8260	12/19/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	5.9E-03			
Nitrate (NO3 as N)	300.0	12/19/2005	0	5.2E+00	C-0		1.0E+01
n-Propylbenzene	8260	12/19/2005	0	4.9E-03			

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
n-Propylbenzene	8260	11/8/2006	0	4.0E-03			
o-Xylene	8260	12/19/2005	0	2.6E-03			
o-Xylene	8021	2/26/2008	0	8.4E-03			
o-Xylene	8260	2/24/2010	0	2.0E-03			
o-Xylene	8260	11/2/2010	0	1.0E-03			
pH	150.1	12/19/2005	0	7.2E+00	H-0		
Phenanthrene	8270	12/19/2005	0	3.9E-02			3.0E-02
Phenanthrene	8270	3/5/2006	0		RL1		3.0E-02
Phenanthrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Phenanthrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/24/2010	0				3.0E-02
Phenanthrene	8270	3/19/2011	0			4.9E-03	3.0E-02
p-Isopropyltoluene	8260	12/19/2005	0	6.8E-03			
p-Isopropyltoluene	8260	11/8/2006	0	3.7E-03			
Pyrene	8270	12/19/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	3/5/2006	0		RL1		3.0E-02
Pyrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Pyrene	8270	2/24/2010	0				3.0E-02
Pyrene	8270	3/19/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/19/2005	0	1.2E-02			
sec-Butylbenzene	8260	11/8/2006	0	7.4E-03			
Selenium	6010	12/19/2005	0	5.9E-03	S-0		5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/6/2007	0	1.6E-02			5.0E-02
Selenium	6020	2/24/2010	0				5.0E-02
Selenium	6010	10/23/2010	0	1.3E-02			5.0E-02
Selenium	6010	11/2/2010	0	1.0E-02			5.0E-02
Selenium	3050	3/19/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2005	0		S-0	2.5E-03	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Silver	6020	2/24/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	6010	11/2/2010	0			6.5E-04	5.0E-02
Silver	3050	3/19/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/19/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/19/2005	0	9.6E+01			6.0E+02
tert-amyl methyl ether	8260	12/19/2005	0		U	1.1E-04	

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/24/2010	0				
Tert-Amyl Methyl Ether	8260	3/19/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/19/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/24/2010	0				
Tert-Butyl Alcohol	8260	3/19/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/19/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8260	12/19/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/5/2006	0	4.9E-05	Q-1		7.5E-01
Toluene	8021	6/6/2006	0		R-0		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	2/24/2010	0				7.5E-01
Toluene	8260	11/2/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/19/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	2.8E-02			
Total Dissolved Solids	160.1	12/19/2005	0	6.8E+02			
Total Mercury	7470	12/19/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	2/24/2010	0				2.0E-03
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7470	11/2/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/19/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/5/2006	0	5.0E-03			6.2E-01
Total Xylenes	8021	6/6/2006	0		R-0		6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/8/2006	0	4.3E-03			6.2E-01
Total Xylenes	8021	2/25/2007	0	1.3E-02			6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-12**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	11/6/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/26/2008	0	2.0E-02			6.2E-01
Total Xylenes	8260	11/2/2010	0	1.0E-03			6.2E-01
Total Xylenes	8260	3/19/2011	0			1.4E-03	6.2E-01
trans-1,2-Dichloroethene	8260	12/19/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/19/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/19/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/19/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/1/2005	0		U,U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	12/1/2005	0		U,U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/7/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/1/2005	0		U,U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/1/2005	0		U,U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/7/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/1/2005	0		U,U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/1/2005	0		U,U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/7/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	12/1/2005	0		U,U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/7/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/1/2005	0		U,U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/7/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/1/2005	0		U,U	2.8E-04	
1,1-Dichloropropene	8260	11/7/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	12/1/2005	0		U,U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/7/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	12/1/2005	0		Q-2	3.1E-04	
1,2,3-Trichloropropane	8260	11/7/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	12/1/2005	0		U,U	1.4E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,4-Trichlorobenzene	8260	11/7/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	12/1/2005	0		U,U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/7/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	12/1/2005	0		Q-2	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/7/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	12/1/2005	0		U,U	5.0E-04	
1,2-Dichlorobenzene	8260	11/7/2006	0			2.9E-04	
1,2-Dichloroethane	8260	12/1/2005	0		U,U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/7/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/1/2005	0		U,U	1.3E-04	
1,2-Dichloropropane	8260	11/7/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	12/1/2005	0		U,U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/7/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/1/2005	0		U,U	5.0E-04	
1,3-Dichlorobenzene	8260	11/7/2006	0			2.1E-04	
1,3-Dichloropropane	8260	12/1/2005	0		U,U	1.4E-04	
1,3-Dichloropropane	8260	11/7/2006	0			2.1E-04	
1,4-Dichlorobenzene	8260	12/1/2005	0		U,U	5.0E-04	
1,4-Dichlorobenzene	8260	11/7/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/18/2011	0			4.9E-03	3.0E-02
2,2-Dichloropropane	8260	12/1/2005	0		U,U	1.1E-04	
2,2-Dichloropropane	8260	11/7/2006	0			2.5E-04	
2-Butanone	8260	12/1/2005	0		U,U	4.7E-04	
2-Butanone	8260	11/7/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/1/2005	0		U,U	5.0E-04	
2-Chlorotoluene	8260	11/7/2006	0			1.5E-04	
2-Hexanone	8260	12/1/2005	0		U,U	3.9E-04	
2-Hexanone	8260	11/7/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/18/2011	0			4.9E-03	3.0E-02
4-Chlorotoluene	8260	12/1/2005	0		U,U	1.3E-04	
4-Chlorotoluene	8260	11/7/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	12/1/2005	0		U,U	3.7E-04	
4-Methyl-2-pentanone	8260	11/7/2006	0			1.5E-03	
Acenaphthene	8270	12/19/2004	0		U	4.2E-05	3.0E-02
Acenaphthene	8270	12/1/2005	0		U,U	3.4E-03	3.0E-02
Acenaphthene	8270	3/3/2006	0		U	1.9E-03	3.0E-02
Acenaphthene	8270	11/7/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	11/4/2007	0			1.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/20/2010	0				3.0E-02
Acenaphthene	8270	3/18/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	12/1/2005	0		U,U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/3/2006	0		U	1.8E-03	3.0E-02
Acenaphthylene	8270	11/7/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/20/2010	0				3.0E-02
Acenaphthylene	8270	3/18/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/1/2005	0		U,U	3.8E-04	
Acetone	8260	11/7/2006	0			4.0E-03	
Anthracene	8270	12/19/2004	0		U	4.7E-05	3.0E-02
Anthracene	8270	12/1/2005	0		U,U	3.3E-03	3.0E-02
Anthracene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Anthracene	8270	11/7/2006	0			9.5E-04	3.0E-02
Anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/20/2010	0				3.0E-02
Anthracene	8270	3/18/2011	0			3.9E-03	3.0E-02
Antimony	6020	12/1/2005	0		Q-1	2.0E-04	
Arsenic	6010	12/19/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	12/1/2005	0	2.0E-02			1.0E-01
Arsenic	6010	11/7/2006	0	1.7E-02			1.0E-01
Arsenic	6010	11/4/2007	0	1.4E-02			1.0E-01
Arsenic	6010	6/14/2008	0			3.0E-03	1.0E-01
Arsenic	6010	8/25/2008	0	1.2E-02			1.0E-01
Arsenic	6020	12/6/2008	0	1.0E-02			1.0E-01
Arsenic	6020	3/12/2009	0	1.3E-02			1.0E-01
Arsenic	6020	2/20/2010	0	2.5E-02			1.0E-01
Arsenic	3050	3/18/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2004	0	2.3E-01			1.0E+00
Barium	6020	12/1/2005	0	1.5E-01			1.0E+00
Barium	6010	11/7/2006	0	1.6E-01			1.0E+00
Barium	6010	11/4/2007	0	1.4E-01			1.0E+00
Barium	6010	6/14/2008	0	1.4E-01			1.0E+00

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Barium	6010	8/25/2008	0	1.5E-01			1.0E+00
Barium	6020	12/6/2008	0	1.2E-01			1.0E+00
Barium	6020	3/12/2009	0	1.5E-01			1.0E+00
Barium	6020	2/20/2010	0	1.6E-01			1.0E+00
Barium	3050	3/18/2011	0	1.1E-01			1.0E+00
Benzene	8021	3/17/2004	0			3.4E-04	1.0E-02
Benzene	8021	6/26/2004	0			1.4E-04	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/19/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	6/25/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	9/18/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/1/2005	0		U,U	5.0E-04	1.0E-02
Benzene	8021	3/3/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/3/2006	0		Q-2	2.8E-05	1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/7/2006	0			3.1E-04	1.0E-02
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/27/2008	0			5.0E-04	1.0E-02
Benzene	8260	6/14/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/25/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/6/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/12/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/20/2010	0				1.0E-02
Benzene	8260	3/18/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/1/2005	0		U,U	2.9E-03	
Benzo(a)anthracene	8270	12/19/2004	0		U	9.9E-05	3.0E-02
Benzo(a)anthracene	8270	12/1/2005	0		U,U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		U	1.3E-03	3.0E-02
Benzo(a)anthracene	8270	11/7/2006	0			9.5E-04	3.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/20/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2004	0		U	1.4E-04	7.0E-04
Benzo(a)pyrene	8270	12/1/2005	0		U,U	2.8E-03	7.0E-04

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)pyrene	8270	3/3/2006	0		U	1.1E-03	7.0E-04
Benzo(a)pyrene	8270	11/7/2006	0			9.5E-04	7.0E-04
Benzo(a)pyrene	8270	11/4/2007	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	12/6/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/12/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/20/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/18/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/19/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	3/3/2006	0		U	2.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/7/2006	0			9.5E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	12/1/2005	0		U,U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/3/2006	0		U	9.4E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/7/2006	0			9.5E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/20/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/19/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		U	1.8E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/7/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Beryllium	6020	12/1/2005	0		U,U	5.0E-03	
Bromobenzene	8260	12/1/2005	0		U,U	1.6E-04	
Bromobenzene	8260	11/7/2006	0			3.5E-04	
Bromochloromethane	8260	12/1/2005	0		U,U	1.8E-04	
Bromochloromethane	8260	11/7/2006	0			5.5E-04	
Bromodichloromethane	8260	12/1/2005	0		U,U	1.3E-04	
Bromodichloromethane	8260	11/7/2006	0			1.9E-04	
Bromoform	8260	12/1/2005	0		U,U	5.0E-04	



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Bromoform	8260	11/7/2006	0			3.2E-04	
Bromomethane	8260	12/1/2005	0		U,U	1.9E-04	
Bromomethane	8260	11/7/2006	0			2.7E-04	
Cadmium	6010	12/19/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	12/1/2005	0		U,U	1.6E-02	1.0E-02
Cadmium	6010	11/7/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/14/2008	0	2.4E-02			1.0E-02
Cadmium	6010	8/25/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/6/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/12/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/20/2010	0				1.0E-02
Cadmium	3050	3/18/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/1/2005	0		U,U	1.0E-03	
Carbon disulfide	8260	11/7/2006	0			1.8E-04	
Carbon Tetrachloride	8260	12/1/2005	0		U,U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/7/2006	0			2.2E-04	1.0E-02
Chloride	300.0	12/1/2005	0	3.9E+00			2.5E+02
Chlorobenzene	8260	12/1/2005	0		U,U	5.0E-04	
Chlorobenzene	8260	11/7/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/7/2006	0			4.8E-04	
Chloroethane	8260	12/1/2005	0		U,U	1.3E-04	
Chloroethane	8260	11/7/2006	0			3.5E-04	
Chloroform	8260	12/1/2005	0		U,U	1.1E-04	1.0E-01
Chloroform	8260	11/7/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/1/2005	0		U,U	5.0E-04	
Chloromethane	8260	11/7/2006	0			3.1E-04	
Chromium	6010	12/19/2004	0		U	4.4E-04	5.0E-02
Chromium	6020	12/1/2005	0		U,U	1.2E-03	5.0E-02
Chromium	6010	11/7/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/14/2008	0			1.5E-03	5.0E-02
Chromium	6010	8/25/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/6/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/12/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/20/2010	0				5.0E-02
Chromium	3050	3/18/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	12/1/2005	0		U,U	2.1E-03	3.0E-02
Chrysene	8270	3/3/2006	0		U	1.2E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chrysene	8270	11/7/2006	0			9.5E-04	3.0E-02
Chrysene	8270	11/4/2007	0			1.0E-03	3.0E-02
Chrysene	8270	12/6/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/12/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/20/2010	0				3.0E-02
Chrysene	8270	3/18/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/1/2005	0		U,U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/7/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/1/2005	0		U,U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/7/2006	0			2.7E-04	
Cyanide (total)	335.2	12/1/2005	0		U,U	5.0E-02	
Di Isopropyl Ether	8260	12/6/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/12/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	12/1/2005	0		U,U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/7/2006	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/20/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/1/2005	0		U,U	3.5E-03	
Dibromochloromethane	8260	12/1/2005	0		U,U	1.1E-04	
Dibromomethane	8260	12/1/2005	0		U,U	2.7E-04	
Dibromomethane	8260	11/7/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	12/1/2005	0		U,U	5.0E-04	
Dichlorodifluoromethane	8260	11/7/2006	0			2.9E-04	
Diisopropyl ether	8260	12/1/2005	0		U,U	1.0E-03	
Diisopropyl Ether	8260	11/7/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/20/2010	0				
Di-Isopropyl ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/6/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/12/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/20/2010	0				
Ethyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	12/1/2005	0		U,U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/7/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	3/17/2004	0			4.7E-04	7.5E-01
Ethylbenzene	8021	6/26/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/19/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	6/25/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	9/18/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	12/1/2005	0		U,U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/3/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/3/2006	0		Q-2	8.1E-05	7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/7/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/27/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	6/14/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/25/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/6/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/12/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/20/2010	0				7.5E-01
Ethylbenzene	8260	3/18/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	12/1/2005	0		U,U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/7/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	12/1/2005	0		U,U	2.9E-03	3.0E-02
Fluoranthene	8270	3/3/2006	0		U	1.4E-03	3.0E-02
Fluoranthene	8270	11/7/2006	0			9.5E-04	3.0E-02
Fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/20/2010	0				3.0E-02
Fluoranthene	8270	3/18/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/19/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	12/1/2005	0		U,U	3.7E-03	3.0E-02
Fluorene	8270	3/3/2006	0		U	1.4E-03	3.0E-02
Fluorene	8270	11/7/2006	0			9.5E-04	3.0E-02
Fluorene	8270	11/4/2007	0			1.0E-03	3.0E-02
Fluorene	8270	12/6/2008	0			1.0E-03	3.0E-02

**TABLE 4**  
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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluorene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/20/2010	0				3.0E-02
Fluorene	8270	3/18/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/1/2005	0	4.9E+00			1.6E+00
Hexachlorobutadiene	8260	12/1/2005	0		U,U	1.9E-04	
Hexachlorobutadiene	8260	11/7/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/1/2005	0		U,U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/7/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/20/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/18/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/1/2005	0		U,U	5.0E-04	
Isopropylbenzene	8260	11/7/2006	0			2.3E-04	
Lead	6010	12/19/2004	0		U	3.1E-03	5.0E-02
Lead	6020	12/1/2005	0		Q-1	3.0E-04	5.0E-02
Lead	6010	11/7/2006	0			2.2E-03	5.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Lead	6010	6/14/2008	0			4.0E-03	5.0E-02
Lead	6010	8/25/2008	0			4.0E-03	5.0E-02
Lead	6020	12/6/2008	0			1.0E-03	5.0E-02
Lead	6020	3/12/2009	0			1.0E-03	5.0E-02
Lead	6020	2/20/2010	0				5.0E-02
Lead	3050	3/18/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/1/2005	0		U,U	1.0E-03	
m,p-Xylene	8260	6/14/2008	0			1.0E-03	
m,p-Xylene	8260	8/25/2008	0			1.0E-03	
m,p-Xylene	8260	12/6/2008	0			1.0E-03	
m,p-Xylene	8260	3/12/2009	0			1.0E-03	
m,p-Xylenes	8021	2/27/2008	0			1.4E-03	
m,p-Xylenes	8260	2/20/2010	0				
Methyl tert butyl Ether	8260	12/6/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/12/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/20/2010	0				
Methyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	12/1/2005	0		U,U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/7/2006	0			3.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Methylene Chloride	8260	12/1/2005	0		U,U	1.5E-02	1.0E-01
Methylene Chloride	8260	11/7/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	7.5E-04	
Naphthalene	8270	12/19/2004	0		U	4.5E-05	3.0E-02
Naphthalene	8260	12/1/2005	0		U,U	2.4E-04	3.0E-02
Naphthalene	8270	12/1/2005	0		U,U	4.3E-03	3.0E-02
Naphthalene	8270	3/3/2006	0		U	1.8E-03	3.0E-02
Naphthalene	8260	11/7/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/7/2006	0			1.2E-03	3.0E-02
Naphthalene	8270	11/4/2007	0			1.0E-03	3.0E-02
Naphthalene	8270	12/6/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/12/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/20/2010	0				3.0E-02
Naphthalene	8270	3/18/2011	0			4.9E-03	3.0E-02
n-Butylbenzene	8260	12/1/2005	0		U,U	5.0E-04	
n-Butylbenzene	8260	11/7/2006	0			7.8E-04	
Nickel	6020	12/1/2005	0		U,U	2.0E-03	
Nitrate as NO3	300.0	12/1/2005	0	1.4E+01	HT-		
n-Propylbenzene	8260	12/1/2005	0		U,U	5.0E-04	
n-Propylbenzene	8260	11/7/2006	0			2.0E-04	
o-Xylene	8260	12/1/2005	0		U,U	1.0E-04	
o-Xylene	8021	2/27/2008	0			5.0E-04	
o-Xylene	8260	6/14/2008	0			5.0E-04	
o-Xylene	8260	8/25/2008	0			5.0E-04	
o-Xylene	8260	12/6/2008	0			5.0E-04	
o-Xylene	8260	3/12/2009	0			5.0E-04	
o-Xylene	8260	2/20/2010	0				
pH	150.1	12/1/2005	0	7.6E+00	H-0		
Phenanthrene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Phenanthrene	8270	12/1/2005	0		U,U	3.0E-03	3.0E-02
Phenanthrene	8270	3/3/2006	0		U	1.4E-03	3.0E-02
Phenanthrene	8270	11/7/2006	0			9.5E-04	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/20/2010	0				3.0E-02
Phenanthrene	8270	3/18/2011	0			4.9E-03	3.0E-02
p-Isopropyltoluene	8260	12/1/2005	0		U,U	1.4E-04	
p-Isopropyltoluene	8260	11/7/2006	0			2.1E-04	

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Pyrene	8270	12/19/2004	0		U	9.0E-05	3.0E-02
Pyrene	8270	12/1/2005	0		U,U	2.0E-03	3.0E-02
Pyrene	8270	3/3/2006	0		U	1.3E-03	3.0E-02
Pyrene	8270	11/7/2006	0			9.5E-04	3.0E-02
Pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/20/2010	0				3.0E-02
Pyrene	8270	3/18/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/1/2005	0		U,U	5.0E-04	
sec-Butylbenzene	8260	11/7/2006	0			2.4E-04	
Selenium	6010	12/19/2004	0		U	3.7E-03	5.0E-02
Selenium	6020	12/1/2005	0		U,U	1.0E-02	5.0E-02
Selenium	6010	11/7/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/14/2008	0			3.0E-03	5.0E-02
Selenium	6010	8/25/2008	0			3.0E-03	5.0E-02
Selenium	6020	12/6/2008	0	6.0E-03			5.0E-02
Selenium	6020	3/12/2009	0			1.0E-03	5.0E-02
Selenium	6020	2/20/2010	0	6.0E-03			5.0E-02
Selenium	3050	3/18/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2004	0		U	2.0E-04	5.0E-02
Silver	6020	12/1/2005	0		U,U	1.0E-04	5.0E-02
Silver	6010	11/7/2006	0			1.9E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Silver	6010	6/14/2008	0			1.0E-03	5.0E-02
Silver	6010	8/25/2008	0			1.0E-03	5.0E-02
Silver	6020	12/6/2008	0			1.0E-03	5.0E-02
Silver	6020	3/12/2009	0			1.0E-03	5.0E-02
Silver	6020	2/20/2010	0				5.0E-02
Silver	3050	3/18/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/1/2005	0		U,U	5.0E-04	
Styrene	8260	11/7/2006	0			1.4E-04	
Sulfate	300.0	12/1/2005	0	3.1E+01			6.0E+02
tert-amyl methyl ether	8260	12/1/2005	0		U,U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/7/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/6/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/12/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/20/2010	0				

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Tert-Amyl Methyl Ether	8260	3/18/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	12/1/2005	0		U,U	5.8E-04	
tert-butyl alcohol	8260	12/6/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/12/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/20/2010	0				
Tert-Butyl Alcohol	8260	3/18/2011	0			5.0E-03	
tert-Butylbenzene	8260	12/1/2005	0		U,U	1.1E-04	
tert-Butylbenzene	8260	11/7/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/7/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			3.0E-04	7.5E-01
Toluene	8021	6/26/2004	0			2.5E-04	7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/19/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	6/25/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	9/18/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/1/2005	0		U,U	1.4E-04	7.5E-01
Toluene	8021	3/3/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/3/2006	0		Q-2	2.6E-05	7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/7/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/27/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/14/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/25/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/6/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/12/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/20/2010	0				7.5E-01
Toluene	8260	3/18/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/27/2008	0			0.0E+00	
Total Dissolved Solids	160.1	12/1/2005	0	4.3E+02			
Total Mercury	7470	12/19/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	12/1/2005	0		U,U	2.0E-04	2.0E-03
Total Mercury	7470	11/7/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/14/2008	0			0.0E+00	2.0E-03

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-13**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Mercury	7470	8/25/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	12/6/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/12/2009	0	3.0E-04			2.0E-03
Total Mercury	7470	2/20/2010	0	1.0E-04			2.0E-03
Total Mercury	7471	3/18/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			7.9E-04	6.2E-01
Total Xylenes	8021	6/26/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/19/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0	1.4E-03			6.2E-01
Total Xylenes	8021	6/25/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	9/18/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/3/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/3/2006	0		Q-2	1.0E-04	6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/7/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/27/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	6/14/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/25/2008	0				6.2E-01
Total Xylenes	8260	3/18/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	12/1/2005	0		U,U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/7/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/1/2005	0		U,U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/7/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/1/2005	0		U,U	1.8E-04	
Trichlorofluoromethane	8260	11/7/2006	0			2.6E-04	
Vinyl acetate	8260	12/1/2005	0		U,U	2.8E-04	
Vinyl Chloride	8260	12/1/2005	0		U,U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/7/2006	0			2.6E-04	1.0E-03

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/12/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/12/2005	0		U	5.0E-04	6.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/12/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/12/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/12/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/12/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/12/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/12/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/12/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/12/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/12/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/12/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/12/2005	0	4.7E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	2.5E-02			
1,2-Dibromo-3-chloropropane	8260	12/12/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/12/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/12/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/12/2005	0	1.6E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0	3.3E-03			
1,3-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/12/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/24/2010	0	1.6E+00			3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1-Methylnaphthalene	8270	3/19/2011	0	6.2E-03			3.0E-02
2,2-Dichloropropane	8260	12/12/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/12/2005	0		U	4.7E-04	
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/12/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/12/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/24/2010	0	1.3E+00			3.0E-02
2-Methylnaphthalene	8270	3/19/2011	0			5.0E-03	3.0E-02
4-Chlorotoluene	8260	12/12/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/12/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/12/2005	0		U	6.8E-02	3.0E-02
Acenaphthene	8270	3/5/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/8/2006	0			5.8E-03	3.0E-02
Acenaphthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/24/2010	0				3.0E-02
Acenaphthene	8270	3/19/2011	0			5.0E-03	3.0E-02
Acenaphthylene	8270	12/12/2005	0		U	7.0E-02	3.0E-02
Acenaphthylene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			5.8E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/24/2010	0				3.0E-02
Acenaphthylene	8270	3/19/2011	0			5.0E-03	3.0E-02
Acetone	8260	12/12/2005	0	1.6E-03	J		
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/12/2005	0		U	6.6E-02	3.0E-02
Anthracene	8270	3/5/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/8/2006	0			4.8E-03	3.0E-02
Anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Anthracene	8270	2/24/2010	0				3.0E-02
Anthracene	8270	3/19/2011	0			4.0E-03	3.0E-02
Arsenic	6020	12/12/2005	0	5.1E-02			1.0E-01
Arsenic	6010	11/8/2006	0	2.3E-01			1.0E-01
Arsenic	6010	11/6/2007	0	1.7E-02			1.0E-01
Arsenic	6020	2/24/2010	0	1.7E-02			1.0E-01
Arsenic	6010	10/23/2010	0	1.1E-02			1.0E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Arsenic	3050	3/19/2011	0			3.0E-02	1.0E-01
Barium	6020	12/12/2005	0	1.2E-01			1.0E+00
Barium	6010	11/8/2006	0	2.9E-01			1.0E+00
Barium	6010	11/6/2007	0	6.5E-02			1.0E+00
Barium	6020	2/24/2010	0	2.0E-01			1.0E+00
Barium	6010	10/23/2010	0	5.3E-02			1.0E+00
Barium	3050	3/19/2011	0	1.6E-01			1.0E+00
Benzene	8021	10/4/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/12/2005	0	5.0E-03			1.0E-02
Benzene	8021	3/5/2006	0	5.5E-03	Q-1		1.0E-02
Benzene	8021	6/6/2006	0		R-0		1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0	9.0E-03			1.0E-02
Benzene	8021	2/25/2007	0	4.7E-03			1.0E-02
Benzene	8021	5/22/2007	0	4.2E-03			1.0E-02
Benzene	8021	8/20/2007	0	2.0E-03			1.0E-02
Benzene	8021	11/6/2007	0	2.2E-03			1.0E-02
Benzene	8021	2/27/2008	0	1.6E-03			1.0E-02
Benzene	8260	2/24/2010	0	2.3E-03			1.0E-02
Benzene	8260	10/23/2010	0	2.0E-03			1.0E-02
Benzene	8260	3/19/2011	0	2.6E-03			1.0E-02
benzo (b & k) fluoranthene	8270	12/12/2005	0		U	5.8E-02	
Benzo(a)anthracene	8270	12/12/2005	0		U	3.8E-02	3.0E-02
Benzo(a)anthracene	8270	3/5/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			4.8E-03	3.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/24/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/19/2011	0			2.0E-03	3.0E-02
Benzo(a)pyrene	8270	12/12/2005	0		U	5.6E-02	7.0E-04
Benzo(a)pyrene	8270	3/5/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			4.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/6/2007	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/24/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/19/2011	0			2.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/5/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			4.8E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/19/2011	0			2.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/12/2005	0		O-0	4.4E-02	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(g,h,i)perylene	8270	3/5/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			4.8E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/24/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/19/2011	0			2.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			5.3E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/19/2011	0			2.0E-03	3.0E-02
Bromobenzene	8260	12/12/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/12/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/12/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/12/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/12/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6020	12/12/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/8/2006	0	1.5E-03			1.0E-02
Cadmium	6010	11/6/2007	0	3.3E-03			1.0E-02
Cadmium	6020	2/24/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/19/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/12/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/12/2005	0	5.7E+01			2.5E+02
Chlorobenzene	8260	12/12/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/12/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/12/2005	0	1.3E-03	J		1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/12/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chromium	6020	12/12/2005	0	3.8E-03	J		5.0E-02
Chromium	6010	11/8/2006	0	7.4E-03			5.0E-02
Chromium	6010	11/6/2007	0	5.4E-03			5.0E-02
Chromium	6020	2/24/2010	0				5.0E-02
Chromium	6010	10/23/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/19/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/12/2005	0		U	4.2E-02	3.0E-02
Chrysene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/8/2006	0			4.8E-03	3.0E-02
Chrysene	8270	11/6/2007	0			1.0E-03	3.0E-02
Chrysene	8270	2/24/2010	0				3.0E-02
Chrysene	8270	3/19/2011	0			2.0E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/12/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/12/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/12/2005	0		U	3.6E-02	3.0E-02
Dibenzo(a,h)anthracene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			5.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/24/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/19/2011	0			2.0E-03	3.0E-02
Dibenzofuran	8270	12/12/2005	0	8.8E-02	O-0		
Dibromochloromethane	8260	12/12/2005	0		U	1.1E-04	
Dibromomethane	8260	12/12/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/12/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/12/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/24/2010	0				
Di-Isopropyl ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/24/2010	0				
Ethyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/12/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8021	10/4/2005	0	1.0E-02			7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8260	12/12/2005	0	2.3E-02			7.5E-01
Ethylbenzene	8021	3/5/2006	0	3.2E-04	Ja		7.5E-01
Ethylbenzene	8021	6/6/2006	0		R-0		7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/8/2006	0	1.8E-02			7.5E-01
Ethylbenzene	8021	2/25/2007	0	7.7E-03			7.5E-01
Ethylbenzene	8021	5/22/2007	0	7.8E-03			7.5E-01
Ethylbenzene	8021	8/20/2007	0	2.2E-03			7.5E-01
Ethylbenzene	8021	11/6/2007	0	3.8E-03			7.5E-01
Ethylbenzene	8021	2/27/2008	0	3.2E-03			7.5E-01
Ethylbenzene	8260	2/24/2010	0	2.5E-03			7.5E-01
Ethylbenzene	8260	10/23/2010	0	1.1E-03			7.5E-01
Ethylbenzene	8260	3/19/2011	0	2.3E-03			7.5E-01
Ethylene Dibromide	8260	12/12/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/12/2005	0		U	5.8E-02	3.0E-02
Fluoranthene	8270	3/5/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			4.8E-03	3.0E-02
Fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/24/2010	0				3.0E-02
Fluoranthene	8270	3/19/2011	0			3.0E-03	3.0E-02
Fluorene	8270	12/12/2005	0		U	7.4E-02	3.0E-02
Fluorene	8270	3/5/2006	0	1.8E-02			3.0E-02
Fluorene	8270	11/8/2006	0			4.8E-03	3.0E-02
Fluorene	8270	11/6/2007	0	4.9E-03			3.0E-02
Fluorene	8270	2/24/2010	0				3.0E-02
Fluorene	8270	3/19/2011	0			6.0E-03	3.0E-02
Fluoride	300.0	12/12/2005	0	3.3E+00			1.6E+00
Hexachlorobutadiene	8260	12/12/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/12/2005	0		U	4.4E-02	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			8.6E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/24/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/19/2011	0			2.0E-03	3.0E-02
Isopropylbenzene	8260	12/12/2005	0	2.7E-02			
Isopropylbenzene	8260	11/8/2006	0	1.5E-02			
Lead	6020	12/12/2005	0	2.6E-03	J		5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Lead	6020	2/24/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	3050	3/19/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/12/2005	0	5.1E-03			
m,p-Xylenes	8021	2/27/2008	0	2.6E-03			
m,p-Xylenes	8260	2/24/2010	0	5.4E-03			
m,p-Xylenes	8260	10/23/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/24/2010	0				
Methyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/12/2005	0	1.6E-01			
Methyl tert-Butyl Ether	8260	11/8/2006	0	1.6E-02			
Methyl tert-Butyl Ether	8260	11/6/2007	0	9.3E-03			
Methylene Chloride	8260	12/12/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8270	12/12/2005	0		U	8.6E-02	3.0E-02
Naphthalene	8260	12/12/2005	0	4.5E-02			3.0E-02
Naphthalene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8260	11/8/2006	0	2.4E-02			3.0E-02
Naphthalene	8270	11/8/2006	0			6.3E-03	3.0E-02
Naphthalene	8270	11/6/2007	0			1.0E-03	3.0E-02
Naphthalene	8270	2/24/2010	0				3.0E-02
Naphthalene	8270	3/19/2011	0			5.0E-03	3.0E-02
n-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	7.8E-03			
Nitrate (NO3 as N)	300.0	12/12/2005	0		R-0		1.0E+01
n-Propylbenzene	8260	12/12/2005	0	3.0E-02			
n-Propylbenzene	8260	11/8/2006	0	1.6E-02			
o-Xylene	8260	12/12/2005	0	2.3E-03			
o-Xylene	8021	2/27/2008	0	1.5E-03			
o-Xylene	8260	2/24/2010	0	7.5E-03			
o-Xylene	8260	10/23/2010	0			5.0E-04	
pH	150.1	12/12/2005	0	7.1E+00	H-0		
Phenanthrene	8270	12/12/2005	0	1.5E-01	O-0		3.0E-02
Phenanthrene	8270	3/5/2006	0	2.1E-02			3.0E-02
Phenanthrene	8270	11/8/2006	0			4.8E-03	3.0E-02
Phenanthrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/24/2010	0	1.3E+00			3.0E-02
Phenanthrene	8270	3/19/2011	0			5.0E-03	3.0E-02
p-Isopropyltoluene	8260	12/12/2005	0	1.0E-02			

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
p-Isopropyltoluene	8260	11/8/2006	0	6.5E-03			
Pyrene	8270	12/12/2005	0		U	4.0E-02	3.0E-02
Pyrene	8270	3/5/2006	0	1.1E-02			3.0E-02
Pyrene	8270	11/8/2006	0			4.8E-03	3.0E-02
Pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Pyrene	8270	2/24/2010	0				3.0E-02
Pyrene	8270	3/19/2011	0			3.0E-03	3.0E-02
sec-Butylbenzene	8260	12/12/2005	0	3.0E-02			
sec-Butylbenzene	8260	11/8/2006	0	1.5E-02			
Selenium	6020	12/12/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/6/2007	0	1.3E-02			5.0E-02
Selenium	6020	2/24/2010	0				5.0E-02
Selenium	6010	10/23/2010	0	1.9E-02			5.0E-02
Selenium	3050	3/19/2011	0			3.0E-02	5.0E-02
Silver	6020	12/12/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Silver	6020	2/24/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	3050	3/19/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/12/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/12/2005	0	2.2E+02			6.0E+02
tert-amyl methyl ether	8260	12/12/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/24/2010	0				
Tert-Amyl Methyl Ether	8260	3/19/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/12/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/24/2010	0				
Tert-Butyl Alcohol	8260	3/19/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/12/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8021	10/4/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/12/2005	0	5.8E-04			7.5E-01
Toluene	8021	3/5/2006	0	2.0E-03	Q-1		7.5E-01
Toluene	8021	6/6/2006	0		R-0		7.5E-01



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-14**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0	1.0E-03			7.5E-01
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/27/2008	0			1.0E-03	7.5E-01
Toluene	8260	2/24/2010	0				7.5E-01
Toluene	8260	10/23/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/19/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/27/2008	0	8.9E-03			
Total Dissolved Solids	160.1	12/12/2005	0	9.7E+02			
Total Mercury	7470	12/12/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	2/24/2010	0				2.0E-03
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/19/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	10/4/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/5/2006	0	2.3E-03			6.2E-01
Total Xylenes	8021	6/6/2006	0		R-0		6.2E-01
Total Xylenes	8021	9/8/2006	0	3.5E-03			6.2E-01
Total Xylenes	8260	11/8/2006	0	1.0E-02			6.2E-01
Total Xylenes	8021	2/25/2007	0	4.7E-03			6.2E-01
Total Xylenes	8021	5/22/2007	0	9.7E-03			6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/6/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/27/2008	0	4.1E-03			6.2E-01
Total Xylenes	8260	10/23/2010	0				6.2E-01
Total Xylenes	8260	3/19/2011	0	2.5E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/12/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/12/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/12/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/12/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	11/29/2005	0		U,U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	11/29/2005	0		U,U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/7/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	11/29/2005	0		U,U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/29/2005	0		U,U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/7/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	11/29/2005	0		U,U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/7/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	11/29/2005	0		U,U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/7/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	11/29/2005	0		U,U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/7/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	11/29/2005	0		U,U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/7/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	11/29/2005	0		U,U	2.8E-04	
1,1-Dichloropropene	8260	11/7/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	11/29/2005	0		U,U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/7/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	11/29/2005	0		Q-2	3.1E-04	
1,2,3-Trichloropropane	8260	11/7/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	11/29/2005	0		U,U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/7/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/7/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	11/29/2005	0		Q-2	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/7/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,2-Dichlorobenzene	8260	11/7/2006	0			2.9E-04	
1,2-Dichloroethane	8260	11/29/2005	0		U,U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/7/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	11/29/2005	0		U,U	1.3E-04	
1,2-Dichloropropane	8260	11/7/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/7/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,3-Dichlorobenzene	8260	11/7/2006	0			2.1E-04	
1,3-Dichloropropane	8260	11/29/2005	0		U,U	1.4E-04	
1,3-Dichloropropane	8260	11/7/2006	0			2.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,4-Dichlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
1,4-Dichlorobenzene	8260	11/7/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/18/2011	0			4.8E-03	3.0E-02
2,2-Dichloropropane	8260	11/29/2005	0		U,U	1.1E-04	
2,2-Dichloropropane	8260	11/7/2006	0			2.5E-04	
2-Butanone	8260	11/29/2005	0		U,U	4.7E-04	
2-Butanone	8260	11/7/2006	0			3.1E-03	
2-Chlorotoluene	8260	11/29/2005	0		U,U	5.0E-04	
2-Chlorotoluene	8260	11/7/2006	0			1.5E-04	
2-Hexanone	8260	11/29/2005	0		U,U	3.9E-04	
2-Hexanone	8260	11/7/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/18/2011	0			4.8E-03	3.0E-02
4-Chlorotoluene	8260	11/29/2005	0		U,U	1.3E-04	
4-Chlorotoluene	8260	11/7/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	11/29/2005	0		U,U	3.7E-04	
4-Methyl-2-pentanone	8260	11/7/2006	0			1.5E-03	
Acenaphthene	8270	12/19/2004	0		U	4.2E-05	3.0E-02
Acenaphthene	8270	11/29/2005	0		U,U	3.4E-03	3.0E-02
Acenaphthene	8270	3/3/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/20/2010	0				3.0E-02
Acenaphthene	8270	3/18/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	11/29/2005	0		U,U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/7/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/20/2010	0				3.0E-02
Acenaphthylene	8270	3/18/2011	0			4.8E-03	3.0E-02
Acetone	8260	11/29/2005	0		U,U	3.8E-04	
Acetone	8260	11/7/2006	0			4.0E-03	
Anthracene	8270	12/19/2004	0		U	4.7E-05	3.0E-02
Anthracene	8270	11/29/2005	0		U,U	3.3E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Anthracene	8270	3/3/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/20/2010	0				3.0E-02
Anthracene	8270	3/18/2011	0			3.8E-03	3.0E-02
Antimony	6020	11/29/2005	0		Q-1	2.0E-04	
Arsenic	6010	12/19/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	11/29/2005	0		U,U	2.0E-02	1.0E-01
Arsenic	6010	11/7/2006	0	1.8E-02			1.0E-01
Arsenic	6010	11/4/2007	0	1.4E-02			1.0E-01
Arsenic	6010	6/14/2008	0	1.2E-01			1.0E-01
Arsenic	6010	8/25/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/6/2008	0	1.0E-02			1.0E-01
Arsenic	6020	3/12/2009	0	1.4E-02			1.0E-01
Arsenic	6020	2/20/2010	0	2.3E-02			1.0E-01
Arsenic	3050	3/18/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2004	0	2.6E-02	J		1.0E+00
Barium	6020	11/29/2005	0	2.6E-02			1.0E+00
Barium	6010	11/7/2006	0	2.3E-02			1.0E+00
Barium	6010	11/4/2007	0	2.7E-02			1.0E+00
Barium	6010	6/14/2008	0	1.6E-02			1.0E+00
Barium	6010	8/25/2008	0	2.1E-02			1.0E+00
Barium	6020	12/6/2008	0	2.7E-02			1.0E+00
Barium	6020	3/12/2009	0	2.5E-02			1.0E+00
Barium	6020	2/20/2010	0	2.5E-02			1.0E+00
Barium	3050	3/18/2011	0			1.0E-01	1.0E+00
Benzene	8021	3/17/2004	0			1.7E-03	1.0E-02
Benzene	8021	6/26/2004	0			1.4E-04	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/19/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	6/25/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	9/18/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	11/29/2005	0		U,U	5.0E-04	1.0E-02
Benzene	8021	3/3/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/3/2006	0		Q-2	2.8E-05	1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/7/2006	0			3.1E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/27/2008	0			5.0E-04	1.0E-02
Benzene	8260	6/14/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/25/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/6/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/12/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/20/2010	0				1.0E-02
Benzene	8260	3/18/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	11/29/2005	0		U,U	2.9E-03	
Benzo(a)anthracene	8270	12/19/2004	0		U	9.9E-05	3.0E-02
Benzo(a)anthracene	8270	11/29/2005	0		U,U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/20/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2004	0		U	1.4E-04	7.0E-04
Benzo(a)pyrene	8270	11/29/2005	0		U,U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/3/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/7/2006	0			9.9E-04	7.0E-04
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	12/6/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/12/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/20/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/18/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/19/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	3/3/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/29/2005	0		U,U	2.2E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(g,h,i)perylene	8270	3/3/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/7/2006	0			9.9E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/20/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/18/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/19/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/7/2006	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/18/2011	0			1.9E-03	3.0E-02
Beryllium	6020	11/29/2005	0		U,U	5.0E-03	
Bromobenzene	8260	11/29/2005	0		U,U	1.6E-04	
Bromobenzene	8260	11/7/2006	0			3.5E-04	
Bromochloromethane	8260	11/29/2005	0		U,U	1.8E-04	
Bromochloromethane	8260	11/7/2006	0			5.5E-04	
Bromodichloromethane	8260	11/29/2005	0		U,U	1.3E-04	
Bromodichloromethane	8260	11/7/2006	0			1.9E-04	
Bromoform	8260	11/29/2005	0		U,U	5.0E-04	
Bromoform	8260	11/7/2006	0			3.2E-04	
Bromomethane	8260	11/29/2005	0		U,U	1.9E-04	
Bromomethane	8260	11/7/2006	0			2.7E-04	
Cadmium	6010	12/19/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	11/29/2005	0		U,U	1.6E-02	1.0E-02
Cadmium	6010	11/7/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/4/2007	0	3.4E-03			1.0E-02
Cadmium	6010	6/14/2008	0	2.4E-02			1.0E-02
Cadmium	6010	8/25/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/6/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/12/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/20/2010	0				1.0E-02
Cadmium	3050	3/18/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	11/29/2005	0		U,U	1.0E-03	
Carbon disulfide	8260	11/7/2006	0			1.8E-04	
Carbon Tetrachloride	8260	11/29/2005	0		U,U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/7/2006	0			2.2E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chloride	300.0	11/29/2005	0	3.6E+01			2.5E+02
Chlorobenzene	8260	11/29/2005	0		U,U	5.0E-04	
Chlorobenzene	8260	11/7/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/7/2006	0			4.8E-04	
Chloroethane	8260	11/29/2005	0		U,U	1.3E-04	
Chloroethane	8260	11/7/2006	0			3.5E-04	
Chloroform	8260	11/29/2005	0		U,U	1.1E-04	1.0E-01
Chloroform	8260	11/7/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	11/29/2005	0		U,U	5.0E-04	
Chloromethane	8260	11/7/2006	0			3.1E-04	
Chromium	6010	12/19/2004	0		U	4.4E-04	5.0E-02
Chromium	6020	11/29/2005	0		U,U	1.2E-03	5.0E-02
Chromium	6010	11/7/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/4/2007	0	6.0E-03			5.0E-02
Chromium	6010	6/14/2008	0			1.5E-03	5.0E-02
Chromium	6010	8/25/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/6/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/12/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/20/2010	0				5.0E-02
Chromium	3050	3/18/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	11/29/2005	0		U,U	2.1E-03	3.0E-02
Chrysene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/7/2006	0			9.9E-04	3.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/6/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/12/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/20/2010	0				3.0E-02
Chrysene	8270	3/18/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	11/29/2005	0		U,U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/7/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	11/29/2005	0		U,U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/7/2006	0			2.7E-04	
Cyanide (total)	335.2	11/29/2005	0		U,U	5.0E-02	
Di Isopropyl Ether	8260	12/6/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/12/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	11/29/2005	0		U,U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/7/2006	0			1.2E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/6/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/20/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/18/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	11/29/2005	0		U,U	3.5E-03	
Dibromochloromethane	8260	11/29/2005	0		U,U	1.1E-04	
Dibromomethane	8260	11/29/2005	0		U,U	2.7E-04	
Dibromomethane	8260	11/7/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	11/29/2005	0		U,U	5.0E-04	
Dichlorodifluoromethane	8260	11/7/2006	0			2.9E-04	
Diisopropyl ether	8260	11/29/2005	0		U,U	1.0E-03	
Diisopropyl Ether	8260	11/7/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/20/2010	0				
Di-Isopropyl ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/6/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/12/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/20/2010	0				
Ethyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	11/29/2005	0		U,U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/7/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	3/17/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	6/26/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/19/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	6/25/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	9/18/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	11/29/2005	0		U,U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/3/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/3/2006	0		Q-2	8.1E-05	7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/7/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/27/2008	0			5.0E-04	7.5E-01



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8260	6/14/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/25/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/6/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/12/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/20/2010	0				7.5E-01
Ethylbenzene	8260	3/18/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	11/29/2005	0		U,U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/7/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	11/29/2005	0		U,U	2.9E-03	3.0E-02
Fluoranthene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/7/2006	0			9.9E-04	3.0E-02
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/20/2010	0				3.0E-02
Fluoranthene	8270	3/18/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/19/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	11/29/2005	0		U,U	3.7E-03	3.0E-02
Fluorene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Fluorene	8270	11/7/2006	0			9.9E-04	3.0E-02
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/6/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/20/2010	0				3.0E-02
Fluorene	8270	3/18/2011	0			5.7E-03	3.0E-02
Fluoride	300.0	11/29/2005	0	3.4E+00			1.6E+00
Hexachlorobutadiene	8260	11/29/2005	0		U,U	1.9E-04	
Hexachlorobutadiene	8260	11/7/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/29/2005	0		U,U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/7/2006	0			1.8E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/20/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/18/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
Isopropylbenzene	8260	11/7/2006	0			2.3E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Lead	6010	12/19/2004	0		U	3.1E-03	5.0E-02
Lead	6020	11/29/2005	0		Q-1	3.0E-04	5.0E-02
Lead	6010	11/7/2006	0			2.2E-03	5.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Lead	6010	6/14/2008	0	2.1E-01			5.0E-02
Lead	6010	8/25/2008	0			4.0E-03	5.0E-02
Lead	6020	12/6/2008	0			1.0E-03	5.0E-02
Lead	6020	3/12/2009	0			1.0E-03	5.0E-02
Lead	6020	2/20/2010	0				5.0E-02
Lead	3050	3/18/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	11/29/2005	0		U,U	1.0E-03	
m,p-Xylene	8260	6/14/2008	0			1.0E-03	
m,p-Xylene	8260	8/25/2008	0			1.0E-03	
m,p-Xylene	8260	12/6/2008	0			1.0E-03	
m,p-Xylene	8260	3/12/2009	0			1.0E-03	
m,p-Xylenes	8021	2/27/2008	0			1.4E-03	
m,p-Xylenes	8260	2/20/2010	0				
Methyl tert butyl Ether	8260	12/6/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/12/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/20/2010	0				
Methyl Tert Butyl Ether	8260	3/18/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	11/29/2005	0		U,U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/7/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Methylene Chloride	8260	11/29/2005	0		U,U	1.5E-02	1.0E-01
Methylene Chloride	8260	11/7/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	7.5E-04	
Naphthalene	8270	12/19/2004	0		U	4.5E-05	3.0E-02
Naphthalene	8260	11/29/2005	0		U,U	2.4E-04	3.0E-02
Naphthalene	8270	11/29/2005	0		U,U	4.3E-03	3.0E-02
Naphthalene	8270	3/3/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8260	11/7/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/7/2006	0			1.3E-03	3.0E-02
Naphthalene	8270	11/4/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	12/6/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/12/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/20/2010	0				3.0E-02
Naphthalene	8270	3/18/2011	0			4.8E-03	3.0E-02
n-Butylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
n-Butylbenzene	8260	11/7/2006	0			7.8E-04	

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**RESULTS FOR GROUNDWATER (mg/L)**

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*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Nickel	6020	11/29/2005	0		U,U	2.0E-03	
Nitrate as NO3	300.0	11/29/2005	0	2.3E+01	HT-		
n-Propylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
n-Propylbenzene	8260	11/7/2006	0			2.0E-04	
o-Xylene	8260	11/29/2005	0		U,U	1.0E-04	
o-Xylene	8021	2/27/2008	0			5.0E-04	
o-Xylene	8260	6/14/2008	0			5.0E-04	
o-Xylene	8260	8/25/2008	0			5.0E-04	
o-Xylene	8260	12/6/2008	0			5.0E-04	
o-Xylene	8260	3/12/2009	0			5.0E-04	
o-Xylene	8260	2/20/2010	0				
pH	150.1	11/29/2005	0	7.4E+00	H-0		
Phenanthrene	8270	12/19/2004	0		U	3.8E-05	3.0E-02
Phenanthrene	8270	11/29/2005	0		U,U	3.0E-03	3.0E-02
Phenanthrene	8270	3/3/2006	0		U	1.2E-03	3.0E-02
Phenanthrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/20/2010	0				3.0E-02
Phenanthrene	8270	3/18/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	11/29/2005	0		U,U	1.4E-04	
p-Isopropyltoluene	8260	11/7/2006	0			2.1E-04	
Pyrene	8270	12/19/2004	0		U	9.0E-05	3.0E-02
Pyrene	8270	11/29/2005	0		U,U	2.0E-03	3.0E-02
Pyrene	8270	3/3/2006	0		U	1.1E-03	3.0E-02
Pyrene	8270	11/7/2006	0			9.9E-04	3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/6/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/20/2010	0				3.0E-02
Pyrene	8270	3/18/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	11/29/2005	0		U,U	5.0E-04	
sec-Butylbenzene	8260	11/7/2006	0			2.4E-04	
Selenium	6010	12/19/2004	0		U	3.7E-03	5.0E-02
Selenium	6020	11/29/2005	0		U,U	1.0E-02	5.0E-02
Selenium	6010	11/7/2006	0	1.5E-02			5.0E-02
Selenium	6010	11/4/2007	0	3.3E-02	M1		5.0E-02
Selenium	6010	6/14/2008	0			3.0E-03	5.0E-02
Selenium	6010	8/25/2008	0	2.0E-02			5.0E-02

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Selenium	6020	12/6/2008	0	2.0E-02			5.0E-02
Selenium	6020	3/12/2009	0	1.5E-02			5.0E-02
Selenium	6020	2/20/2010	0	2.3E-02			5.0E-02
Selenium	3050	3/18/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2004	0		U	2.0E-04	5.0E-02
Silver	6020	11/29/2005	0		U,U	1.0E-04	5.0E-02
Silver	6010	11/7/2006	0			1.9E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Silver	6010	6/14/2008	0			1.0E-03	5.0E-02
Silver	6010	8/25/2008	0			1.0E-03	5.0E-02
Silver	6020	12/6/2008	0			1.0E-03	5.0E-02
Silver	6020	3/12/2009	0			1.0E-03	5.0E-02
Silver	6020	2/20/2010	0				5.0E-02
Silver	3050	3/18/2011	0			5.0E-03	5.0E-02
Styrene	8260	11/29/2005	0		U,U	5.0E-04	
Styrene	8260	11/7/2006	0			1.4E-04	
Sulfate	300.0	11/29/2005	0	1.8E+02			6.0E+02
tert-amyl methyl ether	8260	11/29/2005	0		U,U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/7/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/6/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/12/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/20/2010	0				
Tert-Amyl Methyl Ether	8260	3/18/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	11/29/2005	0		U,U	5.8E-04	
tert-butyl alcohol	8260	12/6/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/12/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/20/2010	0				
Tert-Butyl Alcohol	8260	3/18/2011	0			5.0E-03	
tert-Butylbenzene	8260	11/29/2005	0		U,U	1.1E-04	
tert-Butylbenzene	8260	11/7/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/7/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			1.5E-03	7.5E-01
Toluene	8021	6/26/2004	0			2.5E-04	7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/19/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0	1.6E-03			7.5E-01
Toluene	8021	6/25/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	9/18/2005	0		U	1.0E-03	7.5E-01

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8260	11/29/2005	0		U,U	1.4E-04	7.5E-01
Toluene	8021	3/3/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/3/2006	0		Q-2	2.6E-05	7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/7/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/27/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/14/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/25/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/6/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/12/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/20/2010	0				7.5E-01
Toluene	8260	3/18/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/27/2008	0			0.0E+00	
Total Dissolved Solids	160.1	11/29/2005	0	1.2E+03			
Total Mercury	7470	12/19/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	11/29/2005	0		U,U	2.0E-04	2.0E-03
Total Mercury	7470	11/7/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/14/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/25/2008	0	1.0E-04			2.0E-03
Total Mercury	7470	12/6/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/12/2009	0	1.0E-04			2.0E-03
Total Mercury	7470	2/20/2010	0				2.0E-03
Total Mercury	7471	3/18/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	6/26/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/19/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0	1.6E-03			6.2E-01
Total Xylenes	8021	6/25/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	9/18/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/3/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/3/2006	0		Q-2	1.0E-04	6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/7/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-15**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/27/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	6/14/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/25/2008	0				6.2E-01
Total Xylenes	8260	3/18/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	11/29/2005	0		U,U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/7/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	11/29/2005	0		U,U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/7/2006	0			3.1E-04	
Trichlorofluoromethane	8260	11/29/2005	0		U,U	1.8E-04	
Trichlorofluoromethane	8260	11/7/2006	0			2.6E-04	
Vinyl acetate	8260	11/29/2005	0		U,U	2.8E-04	
Vinyl Chloride	8260	11/29/2005	0		U,U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/7/2006	0			2.6E-04	1.0E-03

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/12/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/4/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	12/12/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/4/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/12/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/4/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/12/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/4/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/12/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/4/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/12/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/4/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	12/12/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/4/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/12/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/4/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/12/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/4/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	12/12/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/4/2006	0			3.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,3-Trichloropropane	8260	12/12/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/4/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	12/12/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/4/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	12/12/2005	0		U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/4/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	12/12/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/4/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/4/2006	0			2.9E-04	
1,2-Dichloroethane	8260	12/12/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/4/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/12/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/4/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	12/12/2005	0		U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/4/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/4/2006	0			2.1E-04	
1,3-Dichloropropane	8260	12/12/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/4/2006	0			2.1E-04	
1,4-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/4/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/19/2011	0			4.7E-03	3.0E-02
2,2-Dichloropropane	8260	12/12/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/4/2006	0			2.5E-04	
2-Butanone	8260	12/12/2005	0		U	4.7E-04	
2-Butanone	8260	11/4/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/12/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/4/2006	0			1.5E-04	
2-Hexanone	8260	12/12/2005	0		U	3.9E-04	
2-Hexanone	8260	11/4/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/20/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/19/2011	0			4.7E-03	3.0E-02
4-Chlorotoluene	8260	12/12/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/4/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	12/12/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/4/2006	0			1.5E-03	
Acenaphthene	8270	12/20/2004	0	1.6E-04	J		3.0E-02
Acenaphthene	8270	12/12/2005	0		U	3.4E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/20/2010	0				3.0E-02
Acenaphthene	8270	3/19/2011	0			4.7E-03	3.0E-02
Acenaphthylene	8270	12/20/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	12/12/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	11/4/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/8/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/20/2010	0				3.0E-02
Acenaphthylene	8270	3/19/2011	0			4.7E-03	3.0E-02
Acetone	8260	12/12/2005	0		U	3.8E-04	
Acetone	8260	11/4/2006	0			4.0E-03	
Anthracene	8270	12/20/2004	0		U	4.7E-05	3.0E-02
Anthracene	8270	12/12/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	11/4/2006	0			9.5E-04	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/8/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/20/2010	0				3.0E-02
Anthracene	8270	3/19/2011	0			3.8E-03	3.0E-02
Arsenic	6010	12/20/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	12/12/2005	0	1.0E-02			1.0E-01
Arsenic	6010	11/4/2006	0	1.3E-02			1.0E-01
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Arsenic	6010	6/14/2008	0			3.0E-03	1.0E-01
Arsenic	6010	8/26/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/8/2008	0	8.0E-03			1.0E-01
Arsenic	6020	3/12/2009	0	1.5E-02			1.0E-01
Arsenic	6020	2/20/2010	0	1.8E-02			1.0E-01
Arsenic	3050	3/19/2011	0			3.0E-02	1.0E-01
Barium	6010	12/20/2004	0	2.7E-02	J		1.0E+00
Barium	6020	12/12/2005	0	3.3E-02			1.0E+00
Barium	6010	11/4/2006	0	3.0E-02			1.0E+00
Barium	6010	11/3/2007	0	3.1E-02			1.0E+00
Barium	6010	6/14/2008	0	1.7E-02			1.0E+00
Barium	6010	8/26/2008	0	3.0E-02			1.0E+00



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Barium	6020	12/8/2008	0	2.5E-02			1.0E+00
Barium	6020	3/12/2009	0	3.7E-02			1.0E+00
Barium	6020	2/20/2010	0	3.3E-02			1.0E+00
Barium	3050	3/19/2011	0			1.0E-01	1.0E+00
Benzene	8021	3/17/2004	0			1.7E-03	1.0E-02
Benzene	8021	6/25/2004	0			1.4E-04	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/20/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	6/24/2005	0		U	1.4E-04	1.0E-02
Benzene	8021	9/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/12/2005	0	5.5E-04			1.0E-02
Benzene	8021	3/4/2006	0	6.0E-05	Q-1		1.0E-02
Benzene	8021	6/26/2006	0	5.9E-05	J		1.0E-02
Benzene	8021	9/7/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/4/2006	0			3.1E-04	1.0E-02
Benzene	8021	2/26/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	9/7/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/25/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	6/14/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/26/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/8/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/12/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/20/2010	0				1.0E-02
Benzene	8260	3/19/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/12/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/20/2004	0	1.3E-04	J		3.0E-02
Benzo(a)anthracene	8270	12/12/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	11/4/2006	0			9.5E-04	3.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/20/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/20/2004	0	1.6E-04	J		7.0E-04
Benzo(a)pyrene	8270	12/12/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/4/2006	0			9.5E-04	7.0E-04
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)pyrene	8270	12/8/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/12/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/20/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/19/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/20/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2006	0			9.5E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/20/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2006	0			9.5E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/20/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/20/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/20/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/12/2005	0		U	1.6E-04	
Bromobenzene	8260	11/4/2006	0			3.5E-04	
Bromochloromethane	8260	12/12/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/4/2006	0			5.5E-04	
Bromodichloromethane	8260	12/12/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/4/2006	0			1.9E-04	
Bromoform	8260	12/12/2005	0		U	5.0E-04	
Bromoform	8260	11/4/2006	0			3.2E-04	
Bromomethane	8260	12/12/2005	0		U	1.9E-04	
Bromomethane	8260	11/4/2006	0			2.7E-04	
Cadmium	6010	12/20/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	12/12/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/4/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Cadmium	6010	6/14/2008	0	1.2E-02			1.0E-02
Cadmium	6010	8/26/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/8/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/12/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/20/2010	0				1.0E-02
Cadmium	3050	3/19/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/12/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/4/2006	0			1.8E-04	
Carbon Tetrachloride	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/4/2006	0			2.2E-04	1.0E-02
Chloride	300.0	12/12/2005	0	2.1E+02			2.5E+02
Chlorobenzene	8260	12/12/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/4/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/4/2006	0			4.8E-04	
Chloroethane	8260	12/12/2005	0		U	1.3E-04	
Chloroethane	8260	11/4/2006	0			3.5E-04	
Chloroform	8260	12/12/2005	0	2.3E-03			1.0E-01
Chloroform	8260	11/4/2006	0	3.1E-03			1.0E-01
Chloromethane	8260	12/12/2005	0		U	5.0E-04	
Chloromethane	8260	11/4/2006	0			3.1E-04	
Chromium	6010	12/20/2004	0		U	4.4E-04	5.0E-02
Chromium	6020	12/12/2005	0		U	1.2E-03	5.0E-02
Chromium	6010	11/4/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/14/2008	0	4.0E-02			5.0E-02
Chromium	6010	8/26/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/8/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/12/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/20/2010	0				5.0E-02
Chromium	3050	3/19/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/20/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	12/12/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	11/4/2006	0			9.5E-04	3.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/8/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/12/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/20/2010	0				3.0E-02
Chrysene	8270	3/19/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/12/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/4/2006	0			5.4E-04	

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
cis-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/4/2006	0			2.7E-04	
Cyanide (total)	335.2	12/12/2005	0		U	5.0E-02	
Di Isopropyl Ether	8260	12/8/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/12/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/20/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	12/12/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2006	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/8/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/20/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/12/2005	0		U	3.5E-03	
Dibromochloromethane	8260	12/12/2005	0		U	1.1E-04	
Dibromomethane	8260	12/12/2005	0		U	2.7E-04	
Dibromomethane	8260	11/4/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	12/12/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/4/2006	0			2.9E-04	
Diisopropyl ether	8260	12/12/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/4/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/20/2010	0				
Di-Isopropyl ether	8260	3/19/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/8/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/12/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/20/2010	0				
Ethyl Tert Butyl Ether	8260	3/19/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	12/12/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	3/17/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	6/25/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/20/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	6/24/2005	0		U	5.5E-04	7.5E-01
Ethylbenzene	8021	9/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	12/12/2005	0		U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/4/2006	0		U	8.1E-05	7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	6/26/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	9/7/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/4/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/26/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/25/2008	0		U	5.0E-04	7.5E-01
Ethylbenzene	8260	6/14/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/26/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/8/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/12/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/20/2010	0				7.5E-01
Ethylbenzene	8260	3/19/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	12/12/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/4/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/20/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	12/12/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	11/4/2006	0			9.5E-04	3.0E-02
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/20/2010	0				3.0E-02
Fluoranthene	8270	3/19/2011	0			2.8E-03	3.0E-02
Fluorene	8270	12/20/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	12/12/2005	0		U	3.7E-03	3.0E-02
Fluorene	8270	11/4/2006	0			9.5E-04	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/8/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/20/2010	0				3.0E-02
Fluorene	8270	3/19/2011	0			5.7E-03	3.0E-02
Fluoride	300.0	12/12/2005	0		U	4.8E+00	1.6E+00
Hexachlorobutadiene	8260	12/12/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/4/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/20/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/8/2008	0			1.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Indeno(1,2,3-cd)pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/20/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/19/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/12/2005	0		U	5.0E-04	
Isopropylbenzene	8260	11/4/2006	0			2.3E-04	
Lead	6010	12/20/2004	0		U	3.1E-03	5.0E-02
Lead	6020	12/12/2005	0		U	3.0E-04	5.0E-02
Lead	6010	11/4/2006	0			2.2E-03	5.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Lead	6010	6/14/2008	0	1.2E-01			5.0E-02
Lead	6010	8/26/2008	0			4.0E-03	5.0E-02
Lead	6020	12/8/2008	0			1.0E-03	5.0E-02
Lead	6020	3/12/2009	0			1.0E-03	5.0E-02
Lead	6020	2/20/2010	0				5.0E-02
Lead	3050	3/19/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/12/2005	0		U	1.0E-03	
m,p-Xylene	8260	6/14/2008	0			1.0E-03	
m,p-Xylene	8260	8/26/2008	0			1.0E-03	
m,p-Xylene	8260	12/8/2008	0			1.0E-03	
m,p-Xylene	8260	3/12/2009	0			1.0E-03	
m,p-Xylenes	8021	2/25/2008	0		U	1.4E-03	
m,p-Xylenes	8260	2/20/2010	0				
Methyl tert butyl Ether	8260	12/8/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/12/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/20/2010	0				
Methyl Tert Butyl Ether	8260	3/19/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	12/12/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/4/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Methylene Chloride	8260	12/12/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/4/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	7.5E-04	
Naphthalene	8270	12/20/2004	0		U	4.5E-05	3.0E-02
Naphthalene	8260	12/12/2005	0		U	2.4E-04	3.0E-02
Naphthalene	8270	12/12/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	11/4/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/4/2006	0			1.2E-03	3.0E-02
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	12/8/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/12/2009	0			1.0E-03	3.0E-02

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Naphthalene	8270	2/20/2010	0				3.0E-02
Naphthalene	8270	3/19/2011	0			4.7E-03	3.0E-02
n-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/4/2006	0			7.8E-04	
Nitrate (NO3 as N)	300.0	12/12/2005	0		R-0		1.0E+01
n-Propylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Propylbenzene	8260	11/4/2006	0			2.0E-04	
o-Xylene	8260	12/12/2005	0		U	1.0E-04	
o-Xylene	8021	2/25/2008	0		U	5.0E-04	
o-Xylene	8260	6/14/2008	0			5.0E-04	
o-Xylene	8260	8/26/2008	0			5.0E-04	
o-Xylene	8260	12/8/2008	0			5.0E-04	
o-Xylene	8260	3/12/2009	0			5.0E-04	
o-Xylene	8260	2/20/2010	0				
pH	150.1	12/12/2005	0	7.0E+00	H-0		
Phenanthrene	8270	12/20/2004	0		U	3.8E-05	3.0E-02
Phenanthrene	8270	12/12/2005	0		U	3.0E-03	3.0E-02
Phenanthrene	8270	11/4/2006	0			9.5E-04	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	12/8/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/20/2010	0				3.0E-02
Phenanthrene	8270	3/19/2011	0			4.7E-03	3.0E-02
p-Isopropyltoluene	8260	12/12/2005	0		U	1.4E-04	
p-Isopropyltoluene	8260	11/4/2006	0			2.1E-04	
Pyrene	8270	12/20/2004	0	1.9E-04	J		3.0E-02
Pyrene	8270	12/12/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	11/4/2006	0			9.5E-04	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/8/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/20/2010	0				3.0E-02
Pyrene	8270	3/19/2011	0			2.8E-03	3.0E-02
sec-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
sec-Butylbenzene	8260	11/4/2006	0			2.4E-04	
Selenium	6010	12/20/2004	0		U	3.7E-03	5.0E-02
Selenium	6020	12/12/2005	0	3.7E-02			5.0E-02
Selenium	6010	11/4/2006	0	3.7E-02			5.0E-02
Selenium	6010	11/3/2007	0	3.8E-02			5.0E-02
Selenium	6010	6/14/2008	0	3.8E-01			5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Selenium	6010	8/26/2008	0	6.8E-02			5.0E-02
Selenium	6020	12/8/2008	0	5.2E-02			5.0E-02
Selenium	6020	3/12/2009	0	4.0E-02			5.0E-02
Selenium	6020	2/20/2010	0	5.5E-02			5.0E-02
Selenium	3050	3/19/2011	0	4.9E-02			5.0E-02
Silver	6010	12/20/2004	0		U	2.0E-04	5.0E-02
Silver	6020	12/12/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/4/2006	0			1.9E-03	5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Silver	6010	6/14/2008	0			1.0E-03	5.0E-02
Silver	6010	8/26/2008	0			1.0E-03	5.0E-02
Silver	6020	12/8/2008	0			1.0E-03	5.0E-02
Silver	6020	3/12/2009	0			1.0E-03	5.0E-02
Silver	6020	2/20/2010	0				5.0E-02
Silver	3050	3/19/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/12/2005	0		U	5.0E-04	
Styrene	8260	11/4/2006	0			1.4E-04	
Sulfate	300.0	12/12/2005	0	8.5E+02			6.0E+02
tert-amyl methyl ether	8260	12/12/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/4/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/8/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/12/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/20/2010	0				
Tert-Amyl Methyl Ether	8260	3/19/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	12/12/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	12/8/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/12/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/20/2010	0				
Tert-Butyl Alcohol	8260	3/19/2011	0			5.0E-03	
tert-Butylbenzene	8260	12/12/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/4/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/4/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			1.5E-03	7.5E-01
Toluene	8021	6/25/2004	0			2.5E-04	7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/20/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	6/24/2005	0		U	2.5E-04	7.5E-01



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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8021	9/16/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/12/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/4/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/26/2006	0		U	2.6E-05	7.5E-01
Toluene	8021	9/7/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/4/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/26/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/25/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	6/14/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/26/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/8/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/12/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/20/2010	0				7.5E-01
Toluene	8260	3/19/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/25/2008	0		U		
Total Dissolved Solids	160.1	12/12/2005	0	1.9E+03			
Total Mercury	7470	12/20/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	12/12/2005	0	2.1E-04	J		2.0E-03
Total Mercury	7470	11/4/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/14/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/26/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	12/8/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/12/2009	0	4.0E-04			2.0E-03
Total Mercury	7470	2/20/2010	0				2.0E-03
Total Mercury	7471	3/19/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	6/25/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/20/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0	1.0E-03			6.2E-01
Total Xylenes	8021	6/24/2005	0		U	1.6E-03	6.2E-01
Total Xylenes	8021	9/16/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/4/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/26/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	9/7/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/4/2006	0			4.4E-04	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-16**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	2/26/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/25/2008	0		U		6.2E-01
Total Xylenes	8260	6/14/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/26/2008	0				6.2E-01
Total Xylenes	8260	3/19/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	12/12/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/4/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/4/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/12/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/4/2006	0			2.6E-04	
Vinyl acetate	8260	12/12/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/12/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/4/2006	0			2.6E-04	1.0E-03

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/12/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/4/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	12/12/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/4/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/12/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/4/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/12/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/4/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/12/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/4/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/12/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/4/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	12/12/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/4/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/12/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/4/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/12/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/4/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	12/12/2005	0		U	1.2E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,3-Trichlorobenzene	8260	11/4/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	12/12/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/4/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	12/12/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/4/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	12/12/2005	0		U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/4/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	12/12/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/4/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/4/2006	0			2.9E-04	
1,2-Dichloroethane	8260	12/12/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/4/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/12/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/4/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	12/12/2005	0		U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/4/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/4/2006	0			2.1E-04	
1,3-Dichloropropane	8260	12/12/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/4/2006	0			2.1E-04	
1,4-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/4/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/19/2011	0			4.7E-03	3.0E-02
2,2-Dichloropropane	8260	12/12/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/4/2006	0			2.5E-04	
2-Butanone	8260	12/12/2005	0		U	4.7E-04	
2-Butanone	8260	11/4/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/12/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/4/2006	0			1.5E-04	
2-Hexanone	8260	12/12/2005	0		U	3.9E-04	
2-Hexanone	8260	11/4/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/19/2011	0			4.7E-03	3.0E-02
4-Chlorotoluene	8260	12/12/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/4/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	12/12/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/4/2006	0			1.5E-03	
Acenaphthene	8270	12/20/2004	0	1.7E-04	J		3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	12/12/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	11/4/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/21/2010	0				3.0E-02
Acenaphthene	8270	3/19/2011	0			4.7E-03	3.0E-02
Acenaphthylene	8270	12/20/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	12/12/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	11/4/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/7/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/21/2010	0				3.0E-02
Acenaphthylene	8270	3/19/2011	0			4.7E-03	3.0E-02
Acetone	8260	12/12/2005	0		U	3.8E-04	
Acetone	8260	11/4/2006	0			4.0E-03	
Anthracene	8270	12/20/2004	0		U	4.7E-05	3.0E-02
Anthracene	8270	12/12/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	11/4/2006	0			9.5E-04	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/7/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/21/2010	0				3.0E-02
Anthracene	8270	3/19/2011	0			3.8E-03	3.0E-02
Arsenic	6010	12/20/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	12/12/2005	0	9.4E-03	J		1.0E-01
Arsenic	6010	11/4/2006	0	1.4E-02			1.0E-01
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Arsenic	6010	6/14/2008	0			3.0E-03	1.0E-01
Arsenic	6010	8/26/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/7/2008	0	4.0E-03			1.0E-01
Arsenic	6020	3/12/2009	0	7.0E-03			1.0E-01
Arsenic	6020	2/21/2010	0	1.6E-02			1.0E-01
Arsenic	3050	3/19/2011	0			3.0E-02	1.0E-01
Barium	6010	12/20/2004	0	4.9E-02	J		1.0E+00
Barium	6020	12/12/2005	0	4.7E-02			1.0E+00
Barium	6010	11/4/2006	0	4.6E-02			1.0E+00
Barium	6010	11/3/2007	0	5.0E-02			1.0E+00
Barium	6010	6/14/2008	0	3.2E-02			1.0E+00

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Barium	6010	8/26/2008	0	3.6E-02			1.0E+00
Barium	6020	12/7/2008	0	3.2E-02			1.0E+00
Barium	6020	3/12/2009	0	4.0E-02			1.0E+00
Barium	6020	2/21/2010	0	5.4E-02			1.0E+00
Barium	3050	3/19/2011	0			1.0E-01	1.0E+00
Benzene	8021	3/17/2004	0			1.7E-03	1.0E-02
Benzene	8021	6/25/2004	0			1.4E-04	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/20/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	6/24/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	9/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Benzene	8021	3/4/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/26/2006	0		U	2.8E-05	1.0E-02
Benzene	8021	9/7/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/4/2006	0			3.1E-04	1.0E-02
Benzene	8021	2/26/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	9/7/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/25/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	6/14/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/26/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/7/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/12/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/21/2010	0				1.0E-02
Benzene	8260	3/19/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/12/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/20/2004	0	1.5E-04	J		3.0E-02
Benzo(a)anthracene	8270	12/12/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	11/4/2006	0			9.5E-04	3.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/21/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/20/2004	0		U	1.4E-04	7.0E-04
Benzo(a)pyrene	8270	12/12/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/4/2006	0			9.5E-04	7.0E-04

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	12/7/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/12/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/21/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/19/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/20/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2006	0			9.5E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/20/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2006	0			9.5E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/21/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/20/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/12/2005	0		U	1.6E-04	
Bromobenzene	8260	11/4/2006	0			3.5E-04	
Bromochloromethane	8260	12/12/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/4/2006	0			5.5E-04	
Bromodichloromethane	8260	12/12/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/4/2006	0			1.9E-04	
Bromoform	8260	12/12/2005	0		U	5.0E-04	
Bromoform	8260	11/4/2006	0			3.2E-04	
Bromomethane	8260	12/12/2005	0		U	1.9E-04	
Bromomethane	8260	11/4/2006	0			2.7E-04	
Cadmium	6010	12/20/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	12/12/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/4/2006	0			4.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/14/2008	0	2.4E-02			1.0E-02
Cadmium	6010	8/26/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/7/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/12/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/21/2010	0				1.0E-02
Cadmium	3050	3/19/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/12/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/4/2006	0			1.8E-04	
Carbon Tetrachloride	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/4/2006	0			2.2E-04	1.0E-02
Chloride	300.0	12/12/2005	0	5.5E+01			2.5E+02
Chlorobenzene	8260	12/12/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/4/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/4/2006	0			4.8E-04	
Chloroethane	8260	12/12/2005	0		U	1.3E-04	
Chloroethane	8260	11/4/2006	0			3.5E-04	
Chloroform	8260	12/12/2005	0	9.9E-04	J		1.0E-01
Chloroform	8260	11/4/2006	0	1.0E-03			1.0E-01
Chloromethane	8260	12/12/2005	0		U	5.0E-04	
Chloromethane	8260	11/4/2006	0			3.1E-04	
Chromium	6010	12/20/2004	0		U	4.4E-04	5.0E-02
Chromium	6020	12/12/2005	0		U	1.2E-03	5.0E-02
Chromium	6010	11/4/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/14/2008	0			1.5E-03	5.0E-02
Chromium	6010	8/26/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/7/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/12/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/21/2010	0				5.0E-02
Chromium	3050	3/19/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/20/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	12/12/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	11/4/2006	0			9.5E-04	3.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/7/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/12/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/21/2010	0				3.0E-02
Chrysene	8270	3/19/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/12/2005	0		U	1.2E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
cis-1,2-Dichloroethene	8260	11/4/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/4/2006	0			2.7E-04	
Cyanide (total)	335.2	12/12/2005	0		U	5.0E-02	
Di Isopropyl Ether	8260	12/7/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/12/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/20/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	12/12/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2006	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/7/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/21/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/12/2005	0		U	3.5E-03	
Dibromochloromethane	8260	12/12/2005	0		U	1.1E-04	
Dibromomethane	8260	12/12/2005	0		U	2.7E-04	
Dibromomethane	8260	11/4/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	12/12/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/4/2006	0			2.9E-04	
Diisopropyl ether	8260	12/12/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/4/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/21/2010	0				
Di-Isopropyl ether	8260	3/19/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/7/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/12/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/21/2010	0				
Ethyl Tert Butyl Ether	8260	3/19/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	12/12/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	3/17/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	6/25/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/20/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	6/24/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	9/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	12/12/2005	0		U	5.0E-04	7.5E-01



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	3/4/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/26/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	9/7/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/4/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/26/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/25/2008	0		U	5.0E-04	7.5E-01
Ethylbenzene	8260	6/14/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/26/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/7/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/12/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/21/2010	0				7.5E-01
Ethylbenzene	8260	3/19/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	12/12/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/4/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/20/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	12/12/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	11/4/2006	0			9.5E-04	3.0E-02
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/21/2010	0				3.0E-02
Fluoranthene	8270	3/19/2011	0			2.8E-03	3.0E-02
Fluorene	8270	12/20/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	12/12/2005	0		U	3.7E-03	3.0E-02
Fluorene	8270	11/4/2006	0			9.5E-04	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/7/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/21/2010	0				3.0E-02
Fluorene	8270	3/19/2011	0			5.7E-03	3.0E-02
Fluoride	300.0	12/12/2005	0	3.3E+00			1.6E+00
Hexachlorobutadiene	8260	12/12/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/4/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/20/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Indeno(1,2,3-cd)pyrene	8270	12/7/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/21/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/19/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/12/2005	0		U	5.0E-04	
Isopropylbenzene	8260	11/4/2006	0			2.3E-04	
Lead	6010	12/20/2004	0		U	3.1E-03	5.0E-02
Lead	6020	12/12/2005	0		U	3.0E-04	5.0E-02
Lead	6010	11/4/2006	0			2.2E-03	5.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Lead	6010	6/14/2008	0	7.8E-02			5.0E-02
Lead	6010	8/26/2008	0			4.0E-03	5.0E-02
Lead	6020	12/7/2008	0			1.0E-03	5.0E-02
Lead	6020	3/12/2009	0			1.0E-03	5.0E-02
Lead	6020	2/21/2010	0				5.0E-02
Lead	3050	3/19/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/12/2005	0		U	1.0E-03	
m,p-Xylene	8260	6/14/2008	0			1.0E-03	
m,p-Xylene	8260	8/26/2008	0			1.0E-03	
m,p-Xylene	8260	12/7/2008	0			1.0E-03	
m,p-Xylene	8260	3/12/2009	0			1.0E-03	
m,p-Xylenes	8021	2/25/2008	0		U	1.4E-03	
m,p-Xylenes	8260	2/21/2010	0				
Methyl tert butyl Ether	8260	12/7/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/12/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/21/2010	0				
Methyl Tert Butyl Ether	8260	3/19/2011	0	5.9E-04			
Methyl tert-butyl ether	8260	12/12/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/4/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Methylene Chloride	8260	12/12/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/4/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	7.5E-04	
Naphthalene	8270	12/20/2004	0		U	4.5E-05	3.0E-02
Naphthalene	8270	12/12/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	12/12/2005	0		U	2.4E-04	3.0E-02
Naphthalene	8270	11/4/2006	0			1.2E-03	3.0E-02
Naphthalene	8260	11/4/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	12/7/2008	0			1.0E-03	3.0E-02

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Naphthalene	8270	3/12/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/21/2010	0				3.0E-02
Naphthalene	8270	3/19/2011	0			4.7E-03	3.0E-02
n-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/4/2006	0			7.8E-04	
Nitrate (NO3 as N)	300.0	12/12/2005	0		R-0		1.0E+01
n-Propylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Propylbenzene	8260	11/4/2006	0			2.0E-04	
o-Xylene	8260	12/12/2005	0		U	1.0E-04	
o-Xylene	8021	2/25/2008	0		U	5.0E-04	
o-Xylene	8260	6/14/2008	0			5.0E-04	
o-Xylene	8260	8/26/2008	0			5.0E-04	
o-Xylene	8260	12/7/2008	0			5.0E-04	
o-Xylene	8260	3/12/2009	0			5.0E-04	
o-Xylene	8260	2/21/2010	0				
pH	150.1	12/12/2005	0	7.3E+00	H-0		
Phenanthrene	8270	12/20/2004	0		U	3.8E-05	3.0E-02
Phenanthrene	8270	12/12/2005	0		U	3.0E-03	3.0E-02
Phenanthrene	8270	11/4/2006	0			9.5E-04	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	12/7/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/21/2010	0				3.0E-02
Phenanthrene	8270	3/19/2011	0			4.7E-03	3.0E-02
p-Isopropyltoluene	8260	12/12/2005	0		U	1.4E-04	
p-Isopropyltoluene	8260	11/4/2006	0			2.1E-04	
Pyrene	8270	12/20/2004	0	1.1E-04	J		3.0E-02
Pyrene	8270	12/12/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	11/4/2006	0			9.5E-04	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/7/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/21/2010	0				3.0E-02
Pyrene	8270	3/19/2011	0			2.8E-03	3.0E-02
sec-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
sec-Butylbenzene	8260	11/4/2006	0			2.4E-04	
Selenium	6010	12/20/2004	0		U	3.7E-03	5.0E-02
Selenium	6020	12/12/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/4/2006	0	1.8E-02			5.0E-02
Selenium	6010	11/3/2007	0			5.0E-03	5.0E-02

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Selenium	6010	6/14/2008	0	4.4E-01			5.0E-02
Selenium	6010	8/26/2008	0	1.5E-02			5.0E-02
Selenium	6020	12/7/2008	0	1.0E-02			5.0E-02
Selenium	6020	3/12/2009	0	5.0E-03			5.0E-02
Selenium	6020	2/21/2010	0	8.0E-03			5.0E-02
Selenium	3050	3/19/2011	0			3.0E-02	5.0E-02
Silver	6010	12/20/2004	0		U	2.0E-04	5.0E-02
Silver	6020	12/12/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/4/2006	0			1.9E-03	5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Silver	6010	6/14/2008	0			1.0E-03	5.0E-02
Silver	6010	8/26/2008	0			1.0E-03	5.0E-02
Silver	6020	12/7/2008	0			1.0E-03	5.0E-02
Silver	6020	3/12/2009	0			1.0E-03	5.0E-02
Silver	6020	2/21/2010	0				5.0E-02
Silver	3050	3/19/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/12/2005	0		U	5.0E-04	
Styrene	8260	11/4/2006	0			1.4E-04	
Sulfate	300.0	12/12/2005	0	1.4E+02			6.0E+02
tert-amyl methyl ether	8260	12/12/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/4/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/7/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/12/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/21/2010	0				
Tert-Amyl Methyl Ether	8260	3/19/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	12/12/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	12/7/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/12/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/21/2010	0				
Tert-Butyl Alcohol	8260	3/19/2011	0			5.0E-03	
tert-Butylbenzene	8260	12/12/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/4/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/4/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			1.5E-03	7.5E-01
Toluene	8021	6/25/2004	0			2.5E-04	7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/20/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0	1.2E-03			7.5E-01

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8021	6/24/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	9/16/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/12/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/4/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/26/2006	0		U	2.6E-05	7.5E-01
Toluene	8021	9/7/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/4/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/26/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/25/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	6/14/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/26/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/7/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/12/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/21/2010	0				7.5E-01
Toluene	8260	3/19/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/25/2008	0		U		
Total Dissolved Solids	160.1	12/12/2005	0	6.8E+02			
Total Mercury	7470	12/20/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	12/12/2005	0	9.5E-04	J		2.0E-03
Total Mercury	7470	11/4/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/14/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/26/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	12/7/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/12/2009	0	2.0E-04			2.0E-03
Total Mercury	7470	2/21/2010	0				2.0E-03
Total Mercury	7471	3/19/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	6/25/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/20/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0	1.2E-03			6.2E-01
Total Xylenes	8021	6/24/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	9/16/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/4/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/26/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	9/7/2006	0			1.2E-03	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-17**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8260	11/4/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/26/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	2/25/2008	0		U		6.2E-01
Total Xylenes	8260	6/14/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/26/2008	0				6.2E-01
Total Xylenes	8260	3/19/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	12/12/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/4/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/4/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/12/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/4/2006	0			2.6E-04	
Vinyl acetate	8260	12/12/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/12/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/4/2006	0			2.6E-04	1.0E-03

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/19/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/19/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/19/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/19/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/19/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/19/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/19/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/19/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/19/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,3-Trichlorobenzene	8260	12/19/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/19/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/19/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0	3.1E-03			
1,2,4-Trimethylbenzene	8260	12/19/2005	0	1.3E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	1.0E-02			
1,2-Dibromo-3-chloropropane	8260	12/19/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/19/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/19/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/19/2005	0	1.7E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/19/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0	1.6E-02			3.0E-02
2,2-Dichloropropane	8260	12/19/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/19/2005	0		U	4.7E-04	
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/19/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/19/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0			4.7E-03	3.0E-02
4-Chlorotoluene	8260	12/19/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/19/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	12/19/2005	0		U	1.7E-01	3.0E-02
Acenaphthene	8270	3/3/2006	0		RL1		3.0E-02
Acenaphthene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	2/24/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.7E-03	3.0E-02
Acenaphthylene	8270	12/19/2005	0		U	1.7E-01	3.0E-02
Acenaphthylene	8270	3/3/2006	0		RL1		3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	2/24/2010	0				3.0E-02
Acenaphthylene	8270	3/20/2011	0			4.7E-03	3.0E-02
Acetone	8260	12/19/2005	0		U	3.8E-04	
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/19/2005	0		U	1.7E-01	3.0E-02
Anthracene	8270	3/3/2006	0		RL1		3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	2/24/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.8E-03	3.0E-02
Arsenic	6010	12/19/2005	0	2.5E-02	S-0		1.0E-01
Arsenic	6010	11/8/2006	0	4.3E-02			1.0E-01
Arsenic	6010	11/4/2007	0	1.7E-02			1.0E-01
Arsenic	6020	2/24/2010	0	1.3E-02			1.0E-01
Arsenic	6010	10/23/2010	0			6.6E-03	1.0E-01
Arsenic	3050	3/20/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2005	0	5.9E-02	S-0		1.0E+00
Barium	6010	11/8/2006	0	1.2E-01			1.0E+00
Barium	6010	11/4/2007	0	1.4E-01			1.0E+00
Barium	6020	2/24/2010	0	2.0E+00			1.0E+00
Barium	6010	10/23/2010	0	9.2E-01			1.0E+00
Barium	3050	3/20/2011	0	9.7E-01			1.0E+00
Benzene	8260	12/19/2005	0	2.5E-02			1.0E-02
Benzene	8021	3/3/2006	0	1.8E-03	Q-1		1.0E-02
Benzene	8021	6/6/2006	0	5.3E-02			1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0	4.5E-02			1.0E-02
Benzene	8021	2/23/2007	0	6.7E-02			1.0E-02
Benzene	8021	5/21/2007	0	6.4E-02			1.0E-02
Benzene	8021	8/20/2007	0	7.0E-02			1.0E-02



**TABLE 4**  
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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	11/4/2007	0	6.5E-02			1.0E-02
Benzene	8021	2/26/2008	0	7.2E-02			1.0E-02
Benzene	8260	2/24/2010	0	3.1E-02			1.0E-02
Benzene	8260	10/23/2010	0	2.6E-02			1.0E-02
Benzene	8260	3/20/2011	0	2.6E-02			1.0E-02
benzo (b & k) fluoranthene	8270	12/19/2005	0		U	1.4E-01	
Benzo(a)anthracene	8270	12/19/2005	0		U	9.5E-02	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	2/24/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2005	0		U	1.4E-01	7.0E-04
Benzo(a)pyrene	8270	3/3/2006	0		RL1		7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-04	7.0E-04
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	2/24/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2005	0		U	1.1E-01	3.0E-02
Benzo(g,h,i)perylene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/24/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/19/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/19/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/19/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Bromoform	8260	12/19/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/19/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6010	12/19/2005	0		S-0	1.0E-03	1.0E-02
Cadmium	6010	11/8/2006	0	1.0E-03			1.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Cadmium	6020	2/24/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/19/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/19/2005	0	8.1E+01			2.5E+02
Chlorobenzene	8260	12/19/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/19/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/19/2005	0	1.4E-03	J		1.0E-01
Chloroform	8260	11/8/2006	0	1.1E-03			1.0E-01
Chloromethane	8260	12/19/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6010	12/19/2005	0	7.6E-03	S-0		5.0E-02
Chromium	6010	11/8/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chromium	6020	2/24/2010	0				5.0E-02
Chromium	6010	10/23/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2005	0		U	1.0E-01	3.0E-02
Chrysene	8270	3/3/2006	0		J,R		3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-04	3.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Chrysene	8270	2/24/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/19/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Cyanide (total)	335.2	12/19/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/19/2005	0		U	9.0E-02	3.0E-02
Dibenzo(a,h)anthracene	8270	3/3/2006	0		RL1		3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/24/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/19/2005	0		U	1.7E-01	
Dibromochloromethane	8260	12/19/2005	0		U	1.1E-04	
Dibromomethane	8260	12/19/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/19/2005	0		U	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/19/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/24/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/24/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/19/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8260	12/19/2005	0	5.9E-02			7.5E-01
Ethylbenzene	8021	3/3/2006	0	2.2E-02			7.5E-01
Ethylbenzene	8021	6/6/2006	0	7.8E-02			7.5E-01
Ethylbenzene	8021	9/8/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/8/2006	0	5.7E-02			7.5E-01
Ethylbenzene	8021	2/23/2007	0	8.7E-02			7.5E-01
Ethylbenzene	8021	5/21/2007	0	8.9E-02			7.5E-01
Ethylbenzene	8021	8/20/2007	0	1.2E-01			7.5E-01
Ethylbenzene	8021	11/4/2007	0	1.3E-01			7.5E-01
Ethylbenzene	8021	2/26/2008	0	1.5E-01			7.5E-01
Ethylbenzene	8260	2/24/2010	0	8.2E-02			7.5E-01
Ethylbenzene	8260	10/23/2010	0	7.4E-02			7.5E-01
Ethylbenzene	8260	3/20/2011	0	8.8E-02			7.5E-01
Ethylene Dibromide	8260	12/19/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2005	0		U	1.4E-01	3.0E-02
Fluoranthene	8270	3/3/2006	0		RL1		3.0E-02

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	2/24/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.8E-03	3.0E-02
Fluorene	8270	12/19/2005	0		U	1.9E-01	3.0E-02
Fluorene	8270	3/3/2006	0		RL1		3.0E-02
Fluorene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluorene	8270	11/4/2007	0	7.1E-03			3.0E-02
Fluorene	8270	2/24/2010	0				3.0E-02
Fluorene	8270	3/20/2011	0			5.7E-03	3.0E-02
Fluoride	300.0	12/19/2005	0	3.9E+00			1.6E+00
Hexachlorobutadiene	8260	12/19/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2005	0		U	1.1E-01	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		RL1		3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/24/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/19/2005	0	2.4E-02			
Isopropylbenzene	8260	11/8/2006	0	2.0E-02			
Lead	6010	12/19/2005	0		S-0	9.4E-03	5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Lead	6020	2/24/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/19/2005	0	2.4E-03			
m,p-Xylenes	8021	2/26/2008	0	1.2E-02			
m,p-Xylenes	8260	2/24/2010	0	7.1E-03			
m,p-Xylenes	8260	10/23/2010	0	2.4E-03			
Methyl tert butyl Ether	8260	2/24/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/19/2005	0	7.3E-02			
Methyl tert-Butyl Ether	8260	11/8/2006	0	1.8E-02			
Methyl tert-Butyl Ether	8260	11/4/2007	0	9.4E-03			
Methylene Chloride	8260	12/19/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8270	12/19/2005	0		U	2.2E-01	3.0E-02
Naphthalene	8260	12/19/2005	0	2.5E-02			3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Naphthalene	8270	3/3/2006	0		RL1		3.0E-02
Naphthalene	8270	11/8/2006	0	8.5E-03			3.0E-02
Naphthalene	8260	11/8/2006	0	1.9E-02			3.0E-02
Naphthalene	8270	11/4/2007	0	2.7E-02			3.0E-02
Naphthalene	8270	2/24/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0	8.6E-03			3.0E-02
n-Butylbenzene	8260	12/19/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	5.6E-03			
Nitrate (NO3 as N)	300.0	12/19/2005	0	7.7E-01	C-0		1.0E+01
n-Propylbenzene	8260	12/19/2005	0	1.9E-02			
n-Propylbenzene	8260	11/8/2006	0	1.7E-02			
o-Xylene	8260	12/19/2005	0	1.9E-03			
o-Xylene	8021	2/26/2008	0	1.3E-02			
o-Xylene	8260	2/24/2010	0	5.9E-03			
o-Xylene	8260	10/23/2010	0	2.5E-03			
pH	150.1	12/19/2005	0	7.0E+00	H-0		
Phenanthrene	8270	12/19/2005	0		U	1.5E-01	3.0E-02
Phenanthrene	8270	3/3/2006	0		RL1		3.0E-02
Phenanthrene	8270	11/8/2006	0	4.9E-03			3.0E-02
Phenanthrene	8270	11/4/2007	0	8.0E-03			3.0E-02
Phenanthrene	8270	2/24/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0			4.7E-03	3.0E-02
p-Isopropyltoluene	8260	12/19/2005	0	5.9E-03			
p-Isopropyltoluene	8260	11/8/2006	0	6.7E-03			
Pyrene	8270	12/19/2005	0		U	1.0E-01	3.0E-02
Pyrene	8270	3/3/2006	0		RL1		3.0E-02
Pyrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	2/24/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0			2.8E-03	3.0E-02
sec-Butylbenzene	8260	12/19/2005	0	1.8E-02			
sec-Butylbenzene	8260	11/8/2006	0	1.5E-02			
Selenium	6010	12/19/2005	0		S-0	4.6E-03	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Selenium	6020	2/24/2010	0				5.0E-02
Selenium	6010	10/23/2010	0	2.0E-02			5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2005	0		S-0	2.5E-03	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Silver	6020	2/24/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/19/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/19/2005	0	4.6E+02			6.0E+02
tert-amyl methyl ether	8260	12/19/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/24/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/19/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/24/2010	0	3.1E-02			
Tert-Butyl Alcohol	8260	3/20/2011	0	2.0E-02			
tert-Butylbenzene	8260	12/19/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0	1.0E-03			
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8260	12/19/2005	0	2.4E-04	J		7.5E-01
Toluene	8021	3/3/2006	0	2.6E-03	Q-1		7.5E-01
Toluene	8021	6/6/2006	0	1.7E-03	J		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0	1.4E-03			7.5E-01
Toluene	8021	2/23/2007	0	2.3E-03			7.5E-01
Toluene	8021	5/21/2007	0	1.2E-03			7.5E-01
Toluene	8021	8/20/2007	0	2.7E-03			7.5E-01
Toluene	8021	11/4/2007	0	1.8E-03			7.5E-01
Toluene	8021	2/26/2008	0	2.1E-03			7.5E-01
Toluene	8260	2/24/2010	0				7.5E-01
Toluene	8260	10/23/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/20/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	2.5E-01			
Total Dissolved Solids	160.1	12/19/2005	0	1.2E+03			
Total Mercury	7470	12/19/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	2/24/2010	0	1.0E-04			2.0E-03
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-18**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	3/3/2006	0	3.3E-02			6.2E-01
Total Xylenes	8021	6/6/2006	0	1.4E-02			6.2E-01
Total Xylenes	8021	9/8/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/8/2006	0	1.1E-02			6.2E-01
Total Xylenes	8021	2/23/2007	0	1.4E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	1.0E-02			6.2E-01
Total Xylenes	8021	8/20/2007	0	9.1E-03			6.2E-01
Total Xylenes	8021	11/4/2007	0	1.9E-02			6.2E-01
Total Xylenes	8021	2/26/2008	0	2.5E-02			6.2E-01
Total Xylenes	8260	10/23/2010	0	4.9E-03			6.2E-01
Total Xylenes	8260	3/20/2011	0	3.3E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/19/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/19/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/19/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/19/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/12/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/12/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/12/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/12/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/12/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/12/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/12/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/12/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1-Dichloropropene	8260	12/12/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/12/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/12/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/12/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/12/2005	0	3.8E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	3.7E-02			
1,2-Dibromo-3-chloropropane	8260	12/12/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/12/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/12/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/12/2005	0	1.4E-02			
1,3,5-Trimethylbenzene	8260	11/8/2006	0	6.8E-03			
1,3-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/12/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/19/2011	0	1.6E-02			3.0E-02
2,2-Dichloropropane	8260	12/12/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/12/2005	0		U	4.7E-04	
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/12/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/12/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/19/2011	0	7.6E-03			3.0E-02
4-Chlorotoluene	8260	12/12/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	



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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
4-Methyl-2-pentanone	8260	12/12/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/12/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/3/2006	0		RL1		3.0E-02
Acenaphthene	8270	11/8/2006	0			5.8E-03	3.0E-02
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	2/24/2010	0				3.0E-02
Acenaphthene	8270	3/19/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/12/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/3/2006	0		RL1		3.0E-02
Acenaphthylene	8270	11/8/2006	0			5.8E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	2/24/2010	0				3.0E-02
Acenaphthylene	8270	3/19/2011	0			4.8E-03	3.0E-02
Acetone	8260	12/12/2005	0	2.9E-03	J		
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/12/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/3/2006	0		RL1		3.0E-02
Anthracene	8270	11/8/2006	0			4.8E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	2/24/2010	0				3.0E-02
Anthracene	8270	3/19/2011	0			3.8E-03	3.0E-02
Arsenic	6020	12/12/2005	0	3.9E-02			1.0E-01
Arsenic	6010	11/8/2006	0	5.1E-02			1.0E-01
Arsenic	6010	11/4/2007	0	2.3E-02			1.0E-01
Arsenic	6020	2/24/2010	0	4.1E-02			1.0E-01
Arsenic	6010	10/23/2010	0	2.7E-02			1.0E-01
Arsenic	3050	3/19/2011	0			3.0E-02	1.0E-01
Barium	6020	12/12/2005	0	2.3E-01			1.0E+00
Barium	6010	11/8/2006	0	8.4E-02			1.0E+00
Barium	6010	11/4/2007	0	6.6E-02			1.0E+00
Barium	6020	2/24/2010	0	1.3E+00			1.0E+00
Barium	6010	10/23/2010	0	8.1E-01			1.0E+00
Barium	3050	3/19/2011	0	9.4E-01			1.0E+00
Benzene	8260	12/12/2005	0	4.5E-03			1.0E-02
Benzene	8021	3/3/2006	0	3.8E-05	Q-1		1.0E-02
Benzene	8021	6/4/2006	0	7.1E-03	Q-2		1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0	9.2E-03			1.0E-02
Benzene	8021	2/23/2007	0	7.8E-03			1.0E-02

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	5/21/2007	0	1.2E-02			1.0E-02
Benzene	8021	8/20/2007	0	7.4E-03			1.0E-02
Benzene	8021	11/4/2007	0	5.6E-03			1.0E-02
Benzene	8021	2/26/2008	0	2.6E-03			1.0E-02
Benzene	8260	2/24/2010	0	4.6E-03			1.0E-02
Benzene	8260	10/23/2010	0	3.4E-03			1.0E-02
Benzene	8260	3/19/2011	0	2.6E-03			1.0E-02
benzo (b & k) fluoranthene	8270	12/12/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/12/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			4.8E-03	3.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	2/24/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/12/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/3/2006	0		RL1		7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			4.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	2/24/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/19/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			4.8E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			4.8E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/24/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/3/2006	0		RL1		3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			5.3E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/12/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/12/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Bromodichloromethane	8260	12/12/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/12/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/12/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6020	12/12/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/8/2006	0			4.0E-04	1.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Cadmium	6020	2/24/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/19/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/12/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/12/2005	0	1.2E+02			2.5E+02
Chlorobenzene	8260	12/12/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/12/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/12/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/12/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6020	12/12/2005	0		U	1.2E-03	5.0E-02
Chromium	6010	11/8/2006	0			1.3E-03	5.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chromium	6020	2/24/2010	0				5.0E-02
Chromium	6010	10/23/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/19/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/12/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/3/2006	0		RL1		3.0E-02
Chrysene	8270	11/8/2006	0			4.8E-03	3.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Chrysene	8270	2/24/2010	0				3.0E-02
Chrysene	8270	3/19/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/12/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
cis-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/12/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/12/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/3/2006	0		RL1		3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			5.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/24/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/12/2005	0	2.1E-02			
Dibromochloromethane	8260	12/12/2005	0		U	1.1E-04	
Dibromomethane	8260	12/12/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/12/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/12/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/24/2010	0				
Di-Isopropyl ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/24/2010	0				
Ethyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/12/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8260	12/12/2005	0	3.6E-02			7.5E-01
Ethylbenzene	8021	3/3/2006	0	3.9E-02			7.5E-01
Ethylbenzene	8021	6/4/2006	0	1.2E-02	Q-2		7.5E-01
Ethylbenzene	8021	9/8/2006	0	2.2E-02			7.5E-01
Ethylbenzene	8260	11/8/2006	0	1.9E-02			7.5E-01
Ethylbenzene	8021	2/23/2007	0	2.1E-02			7.5E-01
Ethylbenzene	8021	5/21/2007	0	3.0E-02			7.5E-01
Ethylbenzene	8021	8/20/2007	0	3.3E-02			7.5E-01
Ethylbenzene	8021	11/4/2007	0	2.8E-02			7.5E-01
Ethylbenzene	8021	2/26/2008	0	2.3E-02			7.5E-01
Ethylbenzene	8260	2/24/2010	0	4.6E-02			7.5E-01
Ethylbenzene	8260	10/23/2010	0	4.7E-02			7.5E-01
Ethylbenzene	8260	3/19/2011	0	2.9E-02			7.5E-01
Ethylene Dibromide	8260	12/12/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluoranthene	8270	12/12/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/3/2006	0		RL1		3.0E-02
Fluoranthene	8270	11/8/2006	0			4.8E-03	3.0E-02
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	2/24/2010	0				3.0E-02
Fluoranthene	8270	3/19/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/12/2005	0	1.7E-02			3.0E-02
Fluorene	8270	3/3/2006	0		RL1		3.0E-02
Fluorene	8270	11/8/2006	0			4.8E-03	3.0E-02
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	2/24/2010	0				3.0E-02
Fluorene	8270	3/19/2011	0			5.7E-03	3.0E-02
Fluoride	300.0	12/12/2005	0	3.4E+00			1.6E+00
Hexachlorobutadiene	8260	12/12/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/3/2006	0		RL1		3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			8.6E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/24/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/19/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/12/2005	0	2.5E-02			
Isopropylbenzene	8260	11/8/2006	0	9.5E-03			
Lead	6020	12/12/2005	0	2.4E-03	J		5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Lead	6020	2/24/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	3050	3/19/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/12/2005	0	2.7E-02			
m,p-Xylenes	8021	2/26/2008	0	1.8E-02			
m,p-Xylenes	8260	2/24/2010	0	1.8E-02			
m,p-Xylenes	8260	10/23/2010	0	1.6E-02			
Methyl tert butyl Ether	8260	2/24/2010	0				
Methyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/12/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Methylene Chloride	8260	12/12/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Naphthalene	8270	12/12/2005	0	3.8E-02			3.0E-02
Naphthalene	8260	12/12/2005	0	6.8E-02			3.0E-02
Naphthalene	8270	3/3/2006	0		RL1		3.0E-02
Naphthalene	8270	11/8/2006	0			6.3E-03	3.0E-02
Naphthalene	8260	11/8/2006	0	4.7E-02			3.0E-02
Naphthalene	8270	11/4/2007	0	2.3E-02			3.0E-02
Naphthalene	8270	2/24/2010	0				3.0E-02
Naphthalene	8270	3/19/2011	0	7.2E-03			3.0E-02
n-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	8.6E-03			
Nitrate (NO3 as N)	300.0	12/12/2005	0		R-0		1.0E+01
n-Propylbenzene	8260	12/12/2005	0	2.1E-02			
n-Propylbenzene	8260	11/8/2006	0	6.7E-03			
o-Xylene	8260	12/12/2005	0	2.3E-02			
o-Xylene	8021	2/26/2008	0	8.0E-03			
o-Xylene	8260	2/24/2010	0	1.9E-02			
o-Xylene	8260	10/23/2010	0	1.7E-02			
pH	150.1	12/12/2005	0	7.1E+00	H-0		
Phenanthrene	8270	12/12/2005	0	2.3E-02			3.0E-02
Phenanthrene	8270	3/3/2006	0		RL1		3.0E-02
Phenanthrene	8270	11/8/2006	0			4.8E-03	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	2/24/2010	0				3.0E-02
Phenanthrene	8270	3/19/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	12/12/2005	0	1.1E-02			
p-Isopropyltoluene	8260	11/8/2006	0	6.6E-03			
Pyrene	8270	12/12/2005	0	1.5E-02			3.0E-02
Pyrene	8270	3/3/2006	0		RL1		3.0E-02
Pyrene	8270	11/8/2006	0			4.8E-03	3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	2/24/2010	0				3.0E-02
Pyrene	8270	3/19/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/12/2005	0	3.1E-02			
sec-Butylbenzene	8260	11/8/2006	0	1.1E-02			
Selenium	6020	12/12/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Selenium	6020	2/24/2010	0				5.0E-02
Selenium	6010	10/23/2010	0	2.2E-02			5.0E-02
Selenium	3050	3/19/2011	0			3.0E-02	5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Silver	6020	12/12/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Silver	6020	2/24/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	3050	3/19/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/12/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/12/2005	0	1.2E+02			6.0E+02
tert-amyl methyl ether	8260	12/12/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/24/2010	0				
Tert-Amyl Methyl Ether	8260	3/19/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/12/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/24/2010	0				
Tert-Butyl Alcohol	8260	3/19/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/12/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8260	12/12/2005	0	6.9E-04			7.5E-01
Toluene	8021	3/3/2006	0	3.6E-03	Q-1		7.5E-01
Toluene	8021	6/4/2006	0	1.9E-04	Q-2		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	2/24/2010	0				7.5E-01
Toluene	8260	10/23/2010	0	1.1E-03			7.5E-01
Toluene	8260	3/19/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	5.1E-02			
Total Dissolved Solids	160.1	12/12/2005	0	8.0E+02			
Total Mercury	7470	12/12/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	2/24/2010	0				2.0E-03

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-19**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/19/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/3/2006	0	7.7E-02			6.2E-01
Total Xylenes	8021	6/4/2006	0	1.3E-02	Q-2		6.2E-01
Total Xylenes	8021	9/8/2006	0	4.6E-02			6.2E-01
Total Xylenes	8260	11/8/2006	0	2.6E-02			6.2E-01
Total Xylenes	8021	2/23/2007	0	2.0E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	1.8E-02			6.2E-01
Total Xylenes	8021	8/20/2007	0	2.6E-02			6.2E-01
Total Xylenes	8021	11/4/2007	0	2.0E-02			6.2E-01
Total Xylenes	8021	2/26/2008	0	2.6E-02			6.2E-01
Total Xylenes	8260	10/23/2010	0	3.4E-02			6.2E-01
Total Xylenes	8260	3/19/2011	0	1.5E-02			6.2E-01
trans-1,2-Dichloroethene	8260	12/12/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/12/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/12/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/12/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/12/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/12/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/12/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/12/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/12/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/12/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/12/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1-Dichloroethylene	8260	12/12/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/12/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/12/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/12/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/12/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/12/2005	0	4.6E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	4.6E-02			
1,2-Dibromo-3-chloropropane	8260	12/12/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/12/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/12/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/12/2005	0	4.7E-02			
1,3,5-Trimethylbenzene	8260	11/8/2006	0	5.2E-03			
1,3-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/12/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0	6.0E-03			3.0E-02
2,2-Dichloropropane	8260	12/12/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/12/2005	0		U	4.7E-04	
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/12/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/12/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/24/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0			4.8E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
4-Chlorotoluene	8260	12/12/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/12/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/12/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	11/8/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/24/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/12/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	1/28/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/24/2010	0				3.0E-02
Acenaphthylene	8270	3/20/2011	0			4.8E-03	3.0E-02
Acetone	8260	12/12/2005	0		U	3.8E-04	
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/12/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	11/8/2006	0			9.5E-04	3.0E-02
Anthracene	8270	1/28/2008	0			1.0E-03	3.0E-02
Anthracene	8270	2/24/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.8E-03	3.0E-02
Arsenic	6020	12/12/2005	0	9.3E-02			1.0E-01
Arsenic	6010	11/8/2006	0	3.8E-02			1.0E-01
Arsenic	6010	1/28/2008	0	3.2E-02			1.0E-01
Arsenic	6020	2/24/2010	0	6.5E-02			1.0E-01
Arsenic	6010	10/23/2010	0	4.4E-02			1.0E-01
Arsenic	3050	3/20/2011	0	4.0E-02			1.0E-01
Barium	6020	12/12/2005	0	3.3E+00			1.0E+00
Barium	6010	11/8/2006	0	1.1E+00			1.0E+00
Barium	6010	1/28/2008	0	3.5E+00			1.0E+00
Barium	6020	2/24/2010	0	4.4E+00			1.0E+00
Barium	6010	10/23/2010	0	2.8E+00			1.0E+00
Barium	3050	3/20/2011	0	3.9E+00			1.0E+00
Benzene	8260	12/12/2005	0	3.5E-02			1.0E-02
Benzene	8021	6/6/2006	0	2.8E-02			1.0E-02
Benzene	8021	9/8/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0	6.4E-02			1.0E-02
Benzene	8021	2/23/2007	0	6.4E-02			1.0E-02
Benzene	8021	5/21/2007	0	6.1E-02			1.0E-02
Benzene	8021	1/28/2008	0	3.0E-02	C4		1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	2/26/2008	0	2.5E-02			1.0E-02
Benzene	8260	2/24/2010	0	2.3E-02			1.0E-02
Benzene	8260	10/23/2010	0	3.4E-02			1.0E-02
Benzene	8260	3/20/2011	0	3.8E-02			1.0E-02
benzo (b & k) fluoranthene	8270	12/12/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/12/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.5E-04	3.0E-02
Benzo(a)anthracene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/24/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/12/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.5E-04	7.0E-04
Benzo(a)pyrene	8270	1/28/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/24/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/8/2006	0			9.5E-04	3.0E-02
Benzo(b)fluoranthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.5E-04	3.0E-02
Benzo(g,h,i)perylene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/24/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/24/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/12/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/12/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/12/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/12/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/12/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6020	12/12/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/8/2006	0			4.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Cadmium	6010	1/28/2008	0	2.0E-03			1.0E-02
Cadmium	6020	2/24/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/12/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/12/2005	0	7.1E+01			2.5E+02
Chlorobenzene	8260	12/12/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/12/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/12/2005	0	1.3E-04	J		1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/12/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6020	12/12/2005	0		U	1.2E-03	5.0E-02
Chromium	6010	11/8/2006	0			1.3E-03	5.0E-02
Chromium	6010	1/28/2008	0			2.0E-03	5.0E-02
Chromium	6020	2/24/2010	0				5.0E-02
Chromium	6010	10/23/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/12/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.5E-04	3.0E-02
Chrysene	8270	1/28/2008	0			1.0E-03	3.0E-02
Chrysene	8270	2/24/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/12/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/12/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/12/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	1/28/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/24/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/12/2005	0	1.7E-02			

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibromochloromethane	8260	12/12/2005	0		U	1.1E-04	
Dibromomethane	8260	12/12/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/12/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/12/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	1/28/2008	0			5.0E-04	
Diisopropyl Ether	8260	2/24/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/24/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/12/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	1/28/2008	0			3.3E-04	
Ethylbenzene	8260	12/12/2005	0	6.1E-02			7.5E-01
Ethylbenzene	8021	6/6/2006	0	3.3E-02			7.5E-01
Ethylbenzene	8021	9/8/2006	0	1.2E-03			7.5E-01
Ethylbenzene	8260	11/8/2006	0	1.3E-01			7.5E-01
Ethylbenzene	8021	2/23/2007	0	1.3E-01			7.5E-01
Ethylbenzene	8021	5/21/2007	0	1.1E-01			7.5E-01
Ethylbenzene	8021	1/28/2008	0	8.7E-02	C4		7.5E-01
Ethylbenzene	8021	2/26/2008	0	2.1E-02			7.5E-01
Ethylbenzene	8260	2/24/2010	0	2.3E-02			7.5E-01
Ethylbenzene	8260	10/23/2010	0	4.1E-02			7.5E-01
Ethylbenzene	8260	3/20/2011	0	6.0E-02			7.5E-01
Ethylene Dibromide	8260	12/12/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/12/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.5E-04	3.0E-02
Fluoranthene	8270	1/28/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/24/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/12/2005	0	1.3E-02			3.0E-02
Fluorene	8270	11/8/2006	0			9.5E-04	3.0E-02
Fluorene	8270	1/28/2008	0	1.5E-02			3.0E-02
Fluorene	8270	2/24/2010	0				3.0E-02
Fluorene	8270	3/20/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/12/2005	0	4.0E+00			1.6E+00
Hexachlorobutadiene	8260	12/12/2005	0		U	1.9E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	1/28/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/24/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/12/2005	0	2.1E-02			
Isopropylbenzene	8260	11/8/2006	0	2.4E-02			
Lead	6020	12/12/2005	0	4.7E-04	J		5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	1/28/2008	0			3.6E-03	5.0E-02
Lead	6020	2/24/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/12/2005	0	1.5E-02			
m,p-Xylenes	8021	2/26/2008	0	1.6E-02			
m,p-Xylenes	8260	2/24/2010	0	6.8E-03			
m,p-Xylenes	8260	10/23/2010	0	1.4E-02			
Methyl tert butyl Ether	8260	2/24/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/12/2005	0	1.3E-01			
Methyl tert-Butyl Ether	8260	11/8/2006	0	5.0E-02			
Methyl tert-Butyl Ether	8260	1/28/2008	0	2.9E-02			
Methylene Chloride	8260	12/12/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8260	12/12/2005	0	6.1E-02			3.0E-02
Naphthalene	8270	12/12/2005	0	3.0E-02			3.0E-02
Naphthalene	8270	11/8/2006	0	2.9E-02			3.0E-02
Naphthalene	8260	11/8/2006	0	5.2E-02			3.0E-02
Naphthalene	8270	1/28/2008	0	3.1E-02			3.0E-02
Naphthalene	8270	2/24/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0	7.2E-03			3.0E-02
n-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	7.0E-03			
Nitrate (NO3 as N)	300.0	12/12/2005	0		U	1.1E-02	1.0E+01
n-Propylbenzene	8260	12/12/2005	0	2.1E-02			
n-Propylbenzene	8260	11/8/2006	0	2.2E-02			
o-Xylene	8260	12/12/2005	0	1.5E-02			
o-Xylene	8021	2/26/2008	0	3.9E-03			
o-Xylene	8260	2/24/2010	0	2.4E-03			

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
o-Xylene	8260	10/23/2010	0	3.1E-03			
pH	150.1	12/12/2005	0	7.0E+00	H-0		
Phenanthrene	8270	12/12/2005	0	2.2E-02			3.0E-02
Phenanthrene	8270	11/8/2006	0	6.2E-03			3.0E-02
Phenanthrene	8270	1/28/2008	0	2.8E-02			3.0E-02
Phenanthrene	8270	2/24/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	12/12/2005	0	1.1E-02			
p-Isopropyltoluene	8260	11/8/2006	0			3.2E-04	
Pyrene	8270	12/12/2005	0	1.2E-02			3.0E-02
Pyrene	8270	11/8/2006	0			9.5E-04	3.0E-02
Pyrene	8270	1/28/2008	0	1.7E-02			3.0E-02
Pyrene	8270	2/24/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/12/2005	0	3.2E-02			
sec-Butylbenzene	8260	11/8/2006	0	1.7E-02			
Selenium	6020	12/12/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	1/28/2008	0	2.5E-02			5.0E-02
Selenium	6020	2/24/2010	0				5.0E-02
Selenium	6010	10/23/2010	0	2.0E-02			5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6020	12/12/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	1/28/2008	0			3.0E-03	5.0E-02
Silver	6020	2/24/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/12/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/12/2005	0	1.7E+01			6.0E+02
tert-amyl methyl ether	8260	12/12/2005	0	1.5E-04	J		
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	1/28/2008	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/24/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/12/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/24/2010	0	2.3E-02			
Tert-Butyl Alcohol	8260	3/20/2011	0	4.3E-02			
tert-Butylbenzene	8260	12/12/2005	0		U	1.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-20**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0		ID2	4.6E-03	
Tertiary Butyl Alcohol	8260	1/28/2008	0			6.4E-03	
Toluene	8260	12/12/2005	0	2.9E-03			7.5E-01
Toluene	8021	6/6/2006	0	1.3E-03	J		7.5E-01
Toluene	8021	9/8/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0	2.9E-03			7.5E-01
Toluene	8021	2/23/2007	0	2.2E-03			7.5E-01
Toluene	8021	5/21/2007	0	1.2E-03			7.5E-01
Toluene	8021	1/28/2008	0		C4	5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	2/24/2010	0				7.5E-01
Toluene	8260	10/23/2010	0	1.5E-03			7.5E-01
Toluene	8260	3/20/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	6.6E-02			
Total Dissolved Solids	160.1	12/12/2005	0	9.0E+02			
Total Mercury	7470	12/12/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	1/28/2008	0			1.0E-04	2.0E-03
Total Mercury	7470	2/24/2010	0	9.0E-03			2.0E-03
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	6/6/2006	0	2.0E-02			6.2E-01
Total Xylenes	8021	9/8/2006	0	4.1E-03			6.2E-01
Total Xylenes	8260	11/8/2006	0	5.0E-02			6.2E-01
Total Xylenes	8021	2/23/2007	0	4.4E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	3.7E-02			6.2E-01
Total Xylenes	8021	1/28/2008	0	2.5E-02	C4		6.2E-01
Total Xylenes	8021	2/26/2008	0	2.0E-02			6.2E-01
Total Xylenes	8260	10/23/2010	0	1.7E-02			6.2E-01
Total Xylenes	8260	3/20/2011	0	2.2E-02			6.2E-01
trans-1,2-Dichloroethene	8260	12/12/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/12/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/12/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/12/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/12/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/4/2006	0			2.7E-04	
1,1,1-Trichloroethane	8260	12/12/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/4/2006	0			2.2E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/12/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/4/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/12/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/4/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/12/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/4/2006	0			2.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/12/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/4/2006	0			2.5E-04	1.0E-01
1,1-Dichloroethane	8260	12/12/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/4/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/12/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/4/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/12/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/4/2006	0			2.4E-04	
1,2,3-Trichlorobenzene	8260	12/12/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/4/2006	0			3.1E-04	
1,2,3-Trichloropropane	8260	12/12/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/4/2006	0			3.8E-04	
1,2,4-Trichlorobenzene	8260	12/12/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/4/2006	0			3.0E-04	
1,2,4-Trimethylbenzene	8260	12/12/2005	0		U	5.0E-04	
1,2,4-Trimethylbenzene	8260	11/4/2006	0			3.1E-04	
1,2-Dibromo-3-chloropropane	8260	12/12/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/4/2006	0			8.9E-04	
1,2-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/4/2006	0			2.9E-04	
1,2-Dichloroethane	8260	12/12/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/4/2006	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/12/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/4/2006	0			2.4E-04	
1,3,5-Trimethylbenzene	8260	12/12/2005	0		U	5.0E-04	
1,3,5-Trimethylbenzene	8260	11/4/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/4/2006	0			2.1E-04	
1,3-Dichloropropane	8260	12/12/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/4/2006	0			2.1E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,4-Dichlorobenzene	8260	12/12/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/4/2006	0			2.8E-04	
1-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/19/2011	0			4.9E-03	3.0E-02
2,2-Dichloropropane	8260	12/12/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/4/2006	0			2.5E-04	
2-Butanone	8260	12/12/2005	0		U	4.7E-04	
2-Butanone	8260	11/4/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/12/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/4/2006	0			1.5E-04	
2-Hexanone	8260	12/12/2005	0		U	3.9E-04	
2-Hexanone	8260	11/4/2006	0			1.3E-03	
2-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/19/2011	0			4.9E-03	3.0E-02
4-Chlorotoluene	8260	12/12/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/4/2006	0			1.9E-04	
4-Methyl-2-pentanone	8260	12/12/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/4/2006	0			1.5E-03	
Acenaphthene	8270	12/20/2004	0	1.4E-04	J		3.0E-02
Acenaphthene	8270	12/12/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/4/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/4/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/21/2010	0				3.0E-02
Acenaphthene	8270	3/19/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/20/2004	0		U	3.8E-05	3.0E-02
Acenaphthylene	8270	12/12/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/4/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/7/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/21/2010	0				3.0E-02
Acenaphthylene	8270	3/19/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/12/2005	0		U	3.8E-04	
Acetone	8260	11/4/2006	0			4.0E-03	
Anthracene	8270	12/20/2004	0	8.0E-05	J		3.0E-02
Anthracene	8270	12/12/2005	0		U	3.3E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Anthracene	8270	3/4/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/4/2006	0			9.4E-04	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/7/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/21/2010	0				3.0E-02
Anthracene	8270	3/19/2011	0			3.9E-03	3.0E-02
Arsenic	6010	12/20/2004	0		U	8.6E-03	1.0E-01
Arsenic	6020	12/12/2005	0	8.6E-03	J		1.0E-01
Arsenic	6010	11/4/2006	0	1.2E-02			1.0E-01
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Arsenic	6010	6/14/2008	0			3.0E-03	1.0E-01
Arsenic	6010	8/26/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/7/2008	0	3.0E-03			1.0E-01
Arsenic	6020	3/12/2009	0	1.0E-02			1.0E-01
Arsenic	6020	2/21/2010	0	1.9E-02			1.0E-01
Arsenic	3050	3/19/2011	0			3.0E-02	1.0E-01
Barium	6010	12/20/2004	0	8.9E-02	J		1.0E+00
Barium	6020	12/12/2005	0	6.8E-02			1.0E+00
Barium	6010	11/4/2006	0	5.2E-02			1.0E+00
Barium	6010	11/3/2007	0	4.6E-02			1.0E+00
Barium	6010	6/14/2008	0	4.1E-02			1.0E+00
Barium	6010	8/26/2008	0	4.3E-02			1.0E+00
Barium	6020	12/7/2008	0	3.4E-02			1.0E+00
Barium	6020	3/12/2009	0	4.2E-02			1.0E+00
Barium	6020	2/21/2010	0	5.4E-02			1.0E+00
Barium	3050	3/19/2011	0			1.0E-01	1.0E+00
Benzene	8021	3/17/2004	0			1.7E-03	1.0E-02
Benzene	8021	6/25/2004	0			1.4E-04	1.0E-02
Benzene	8021	9/29/2004	0			1.4E-04	1.0E-02
Benzene	8021	12/20/2004	0		U	6.5E-04	1.0E-02
Benzene	8021	3/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8021	6/24/2005	0		U	2.5E-04	1.0E-02
Benzene	8021	9/16/2005	0		U	6.5E-04	1.0E-02
Benzene	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Benzene	8021	3/4/2006	0		Q-1	2.8E-05	1.0E-02
Benzene	8021	6/26/2006	0		U	2.8E-05	1.0E-02
Benzene	8021	9/7/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/4/2006	0			3.1E-04	1.0E-02
Benzene	8021	2/26/2007	0	1.9E-03			1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	5/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	9/7/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzene	8021	2/25/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	6/14/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/26/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/7/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/12/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/21/2010	0				1.0E-02
Benzene	8260	3/19/2011	0			3.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/12/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/20/2004	0	1.6E-04	J		3.0E-02
Benzo(a)anthracene	8270	12/12/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/4/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/4/2006	0			9.4E-04	3.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/21/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/20/2004	0	1.6E-04	J		7.0E-04
Benzo(a)pyrene	8270	12/12/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/4/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/4/2006	0			9.4E-04	7.0E-04
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	12/7/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/12/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/21/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/19/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/20/2004	0		U	1.7E-04	3.0E-02
Benzo(b)fluoranthene	8270	3/4/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/4/2006	0			9.4E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/20/2004	0		U	1.3E-04	3.0E-02
Benzo(g,h,i)perylene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/4/2006	0		U	8.0E-04	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(g,h,i)perylene	8270	11/4/2006	0			9.4E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/21/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/20/2004	0		U	9.5E-05	3.0E-02
Benzo(k)fluoranthene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/12/2005	0		U	1.6E-04	
Bromobenzene	8260	11/4/2006	0			3.5E-04	
Bromochloromethane	8260	12/12/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/4/2006	0			5.5E-04	
Bromodichloromethane	8260	12/12/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/4/2006	0			1.9E-04	
Bromoform	8260	12/12/2005	0		U	5.0E-04	
Bromoform	8260	11/4/2006	0			3.2E-04	
Bromomethane	8260	12/12/2005	0		U	1.9E-04	
Bromomethane	8260	11/4/2006	0			2.7E-04	
Cadmium	6010	12/20/2004	0		U	5.8E-04	1.0E-02
Cadmium	6020	12/12/2005	0		Q-2	7.0E-04	1.0E-02
Cadmium	6010	11/4/2006	0	2.5E-03			1.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Cadmium	6010	6/14/2008	0	3.3E-02			1.0E-02
Cadmium	6010	8/26/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/7/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/12/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/21/2010	0				1.0E-02
Cadmium	3050	3/19/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/12/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/4/2006	0			1.8E-04	
Carbon Tetrachloride	8260	12/12/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/4/2006	0			2.2E-04	1.0E-02
Chloride	300.0	12/12/2005	0	6.3E+01			2.5E+02
Chlorobenzene	8260	12/12/2005	0		U	5.0E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chlorobenzene	8260	11/4/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/4/2006	0			4.8E-04	
Chloroethane	8260	12/12/2005	0		U	1.3E-04	
Chloroethane	8260	11/4/2006	0			3.5E-04	
Chloroform	8260	12/12/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/4/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/12/2005	0		U	5.0E-04	
Chloromethane	8260	11/4/2006	0			3.1E-04	
Chromium	6010	12/20/2004	0		U	4.4E-04	5.0E-02
Chromium	6020	12/12/2005	0	1.2E-02	J		5.0E-02
Chromium	6010	11/4/2006	0	1.2E-02			5.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/14/2008	0	5.4E-02			5.0E-02
Chromium	6010	8/26/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/7/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/12/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/21/2010	0				5.0E-02
Chromium	3050	3/19/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/20/2004	0		U	1.2E-04	3.0E-02
Chrysene	8270	12/12/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/4/2006	0			9.4E-04	3.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/7/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/12/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/21/2010	0				3.0E-02
Chrysene	8270	3/19/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/12/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/4/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/4/2006	0			2.7E-04	
Cyanide (total)	335.2	12/12/2005	0		U	5.0E-02	
Di Isopropyl Ether	8260	12/7/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/12/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/20/2004	0		U	1.8E-04	3.0E-02
Dibenzo(a,h)anthracene	8270	12/12/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2006	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/7/2008	0			1.0E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibenzo(a,h)anthracene	8270	3/12/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/21/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/12/2005	0		U	3.5E-03	
Dibromochloromethane	8260	12/12/2005	0		U	1.1E-04	
Dibromomethane	8260	12/12/2005	0		U	2.7E-04	
Dibromomethane	8260	11/4/2006	0			2.3E-04	
Dichlorodifluoromethane	8260	12/12/2005	0		I-0	5.0E-04	
Dichlorodifluoromethane	8260	11/4/2006	0			2.9E-04	
Diisopropyl ether	8260	12/12/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/4/2006	0			2.5E-04	
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/21/2010	0				
Di-Isopropyl ether	8260	3/19/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/7/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/12/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/21/2010	0				
Ethyl Tert Butyl Ether	8260	3/19/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	12/12/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2006	0			3.4E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	3/17/2004	0			2.3E-03	7.5E-01
Ethylbenzene	8021	6/25/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	9/29/2004	0			5.5E-04	7.5E-01
Ethylbenzene	8021	12/20/2004	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	3/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8021	6/24/2005	0		U	2.3E-04	7.5E-01
Ethylbenzene	8021	9/16/2005	0		U	8.4E-04	7.5E-01
Ethylbenzene	8260	12/12/2005	0		U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/4/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	6/26/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	9/7/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/4/2006	0			2.3E-04	7.5E-01
Ethylbenzene	8021	2/26/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/23/2007	0		M8	4.6E-04	7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/25/2008	0		U	5.0E-04	7.5E-01
Ethylbenzene	8260	6/14/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/26/2008	0			5.0E-04	7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8260	12/7/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/12/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/21/2010	0				7.5E-01
Ethylbenzene	8260	3/19/2011	0			3.0E-04	7.5E-01
Ethylene Dibromide	8260	12/12/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/4/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/20/2004	0		U	5.5E-05	3.0E-02
Fluoranthene	8270	12/12/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/4/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/4/2006	0			9.4E-04	3.0E-02
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/7/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/21/2010	0				3.0E-02
Fluoranthene	8270	3/19/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/20/2004	0		U	6.6E-05	3.0E-02
Fluorene	8270	12/12/2005	0		U	3.7E-03	3.0E-02
Fluorene	8270	3/4/2006	0		U	1.2E-03	3.0E-02
Fluorene	8270	11/4/2006	0			9.4E-04	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/7/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/12/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/21/2010	0				3.0E-02
Fluorene	8270	3/19/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/12/2005	0	4.1E+00			1.6E+00
Hexachlorobutadiene	8260	12/12/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/4/2006	0			3.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/20/2004	0		U	1.8E-04	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/12/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/4/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/7/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/21/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/19/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/12/2005	0		U	5.0E-04	
Isopropylbenzene	8260	11/4/2006	0			2.3E-04	
Lead	6010	12/20/2004	0		U	3.1E-03	5.0E-02
Lead	6020	12/12/2005	0	4.8E-04	J		5.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Lead	6010	11/4/2006	0			2.2E-03	5.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Lead	6010	6/14/2008	0	2.2E-01			5.0E-02
Lead	6010	8/26/2008	0			4.0E-03	5.0E-02
Lead	6020	12/7/2008	0			1.0E-03	5.0E-02
Lead	6020	3/12/2009	0			1.0E-03	5.0E-02
Lead	6020	2/21/2010	0				5.0E-02
Lead	3050	3/19/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/12/2005	0		U	1.0E-03	
m,p-Xylene	8260	6/14/2008	0			1.0E-03	
m,p-Xylene	8260	8/26/2008	0			1.0E-03	
m,p-Xylene	8260	12/7/2008	0			1.0E-03	
m,p-Xylene	8260	3/12/2009	0			1.0E-03	
m,p-Xylenes	8021	2/25/2008	0		U	1.4E-03	
m,p-Xylenes	8260	2/21/2010	0				
Methyl tert butyl Ether	8260	12/7/2008	0			2.5E-03	
Methyl tert butyl Ether	8260	3/12/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/21/2010	0				
Methyl Tert Butyl Ether	8260	3/19/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	12/12/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/4/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Methylene Chloride	8260	12/12/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/4/2006	0			3.3E-04	1.0E-01
MTBE	8021	3/16/2005	0		U	7.5E-04	
Naphthalene	8270	12/20/2004	0	9.0E-05	J		3.0E-02
Naphthalene	8270	12/12/2005	0		U	4.3E-03	3.0E-02
Naphthalene	8260	12/12/2005	0	1.1E-03	J		3.0E-02
Naphthalene	8270	3/4/2006	0		U	1.5E-03	3.0E-02
Naphthalene	8260	11/4/2006	0			6.5E-04	3.0E-02
Naphthalene	8270	11/4/2006	0			1.2E-03	3.0E-02
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	12/7/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/12/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/21/2010	0				3.0E-02
Naphthalene	8270	3/19/2011	0			4.9E-03	3.0E-02
n-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/4/2006	0			7.8E-04	
Nitrate (NO3 as N)	300.0	12/12/2005	0		R-0		1.0E+01
n-Propylbenzene	8260	12/12/2005	0		U	5.0E-04	

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
n-Propylbenzene	8260	11/4/2006	0			2.0E-04	
o-Xylene	8260	12/12/2005	0		U	1.0E-04	
o-Xylene	8021	2/25/2008	0		U	5.0E-04	
o-Xylene	8260	6/14/2008	0			5.0E-04	
o-Xylene	8260	8/26/2008	0			5.0E-04	
o-Xylene	8260	12/7/2008	0			5.0E-04	
o-Xylene	8260	3/12/2009	0			5.0E-04	
o-Xylene	8260	2/21/2010	0				
pH	150.1	12/12/2005	0	7.2E+00	H-0		
Phenanthrene	8270	12/20/2004	0	8.0E-05	J		3.0E-02
Phenanthrene	8270	12/12/2005	0		U	3.0E-03	3.0E-02
Phenanthrene	8270	3/4/2006	0		U	1.2E-03	3.0E-02
Phenanthrene	8270	11/4/2006	0			9.4E-04	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	12/7/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/21/2010	0				3.0E-02
Phenanthrene	8270	3/19/2011	0			4.9E-03	3.0E-02
p-Isopropyltoluene	8260	12/12/2005	0		U	1.4E-04	
p-Isopropyltoluene	8260	11/4/2006	0			2.1E-04	
Pyrene	8270	12/20/2004	0	1.4E-04	J		3.0E-02
Pyrene	8270	12/12/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	3/4/2006	0		U	1.1E-03	3.0E-02
Pyrene	8270	11/4/2006	0			9.4E-04	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/7/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/12/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/21/2010	0				3.0E-02
Pyrene	8270	3/19/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/12/2005	0		U	5.0E-04	
sec-Butylbenzene	8260	11/4/2006	0			2.4E-04	
Selenium	6010	12/20/2004	0		U	3.7E-03	5.0E-02
Selenium	6020	12/12/2005	0		U	1.0E-02	5.0E-02
Selenium	6010	11/4/2006	0	1.0E-02			5.0E-02
Selenium	6010	11/3/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/14/2008	0	4.1E-02			5.0E-02
Selenium	6010	8/26/2008	0			3.0E-03	5.0E-02
Selenium	6020	12/7/2008	0	7.0E-03			5.0E-02
Selenium	6020	3/12/2009	0	6.0E-03			5.0E-02
Selenium	6020	2/21/2010	0	7.0E-03			5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Selenium	3050	3/19/2011	0			3.0E-02	5.0E-02
Silver	6010	12/20/2004	0		U	2.0E-04	5.0E-02
Silver	6020	12/12/2005	0		U	1.0E-04	5.0E-02
Silver	6010	11/4/2006	0	8.2E-03			5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Silver	6010	6/14/2008	0			1.0E-03	5.0E-02
Silver	6010	8/26/2008	0			1.0E-03	5.0E-02
Silver	6020	12/7/2008	0			1.0E-03	5.0E-02
Silver	6020	3/12/2009	0			1.0E-03	5.0E-02
Silver	6020	2/21/2010	0				5.0E-02
Silver	3050	3/19/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/12/2005	0		U	5.0E-04	
Styrene	8260	11/4/2006	0			1.4E-04	
Sulfate	300.0	12/12/2005	0	1.6E+02			6.0E+02
tert-amyl methyl ether	8260	12/12/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/4/2006	0			3.9E-04	
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/7/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/12/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/21/2010	0				
Tert-Amyl Methyl Ether	8260	3/19/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	12/12/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	12/7/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/12/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/21/2010	0				
Tert-Butyl Alcohol	8260	3/19/2011	0			5.0E-03	
tert-Butylbenzene	8260	12/12/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/4/2006	0			3.7E-04	
Tertiary Butyl Alcohol	8260	11/4/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	3/17/2004	0			1.5E-03	7.5E-01
Toluene	8021	6/25/2004	0			2.5E-04	7.5E-01
Toluene	8021	9/29/2004	0			2.5E-04	7.5E-01
Toluene	8021	12/20/2004	0		U	1.0E-03	7.5E-01
Toluene	8021	3/16/2005	0		U	1.0E-03	7.5E-01
Toluene	8021	6/24/2005	0		U	1.5E-04	7.5E-01
Toluene	8021	9/16/2005	0		U	1.0E-03	7.5E-01
Toluene	8260	12/12/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/4/2006	0		Q-1	2.6E-05	7.5E-01
Toluene	8021	6/26/2006	0	3.8E-05	J		7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8021	9/7/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/4/2006	0			2.2E-04	7.5E-01
Toluene	8021	2/26/2007	0	1.8E-03			7.5E-01
Toluene	8021	5/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Toluene	8021	2/25/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	6/14/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/26/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/7/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/12/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/21/2010	0				7.5E-01
Toluene	8260	3/19/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	2/25/2008	0		U		
Total Dissolved Solids	160.1	12/12/2005	0	7.9E+02			
Total Mercury	7470	12/20/2004	0		U	3.3E-05	2.0E-03
Total Mercury	7470	12/12/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/4/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/14/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/26/2008	0	2.0E-04			2.0E-03
Total Mercury	7470	12/7/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/12/2009	0	2.0E-04			2.0E-03
Total Mercury	7470	2/21/2010	0				2.0E-03
Total Mercury	7471	3/19/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/17/2004	0			3.9E-03	6.2E-01
Total Xylenes	8021	6/25/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	9/29/2004	0			1.6E-03	6.2E-01
Total Xylenes	8021	12/20/2004	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/16/2005	0	8.0E-04	J		6.2E-01
Total Xylenes	8021	6/24/2005	0		U	5.3E-04	6.2E-01
Total Xylenes	8021	9/16/2005	0		U	7.4E-04	6.2E-01
Total Xylenes	8021	3/4/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	6/26/2006	0		U	1.0E-04	6.2E-01
Total Xylenes	8021	9/7/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/4/2006	0			4.4E-04	6.2E-01
Total Xylenes	8021	2/26/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/23/2007	0		M8	8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-21**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	2/25/2008	0		U		6.2E-01
Total Xylenes	8260	6/14/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/26/2008	0				6.2E-01
Total Xylenes	8260	3/19/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	12/12/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/4/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/12/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/4/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/12/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/4/2006	0			2.6E-04	
Vinyl acetate	8260	12/12/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/12/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/4/2006	0			2.6E-04	1.0E-03

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/19/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/19/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/19/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/19/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/19/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/19/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/19/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/19/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/19/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/19/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/19/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/19/2005	0		U	1.4E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/19/2005	0	4.0E-03			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	2.5E-03			
1,2-Dibromo-3-chloropropane	8260	12/19/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/19/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/19/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/19/2005	0	1.4E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/19/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/19/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/21/2011	0	6.1E-03			3.0E-02
2,2-Dichloropropane	8260	12/19/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/19/2005	0		U	4.7E-04	
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/19/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/19/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/22/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
4-Chlorotoluene	8260	12/19/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/19/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/19/2005	0		U	1.7E-01	3.0E-02
Acenaphthene	8270	3/4/2006	0	6.0E-03			3.0E-02
Acenaphthene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	1/28/2008	0			1.1E-03	3.0E-02
Acenaphthene	8270	2/22/2010	0				3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	3/21/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/19/2005	0		U	1.7E-01	3.0E-02
Acenaphthylene	8270	3/4/2006	0		U	3.0E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	1/28/2008	0			1.1E-03	3.0E-02
Acenaphthylene	8270	2/22/2010	0				3.0E-02
Acenaphthylene	8270	3/21/2011	0			4.8E-03	3.0E-02
Acetone	8260	12/19/2005	0		U	3.8E-04	
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/19/2005	0		U	1.7E-01	3.0E-02
Anthracene	8270	3/4/2006	0		U	1.8E-03	3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Anthracene	8270	1/28/2008	0			1.1E-03	3.0E-02
Anthracene	8270	2/22/2010	0				3.0E-02
Anthracene	8270	3/21/2011	0			3.8E-03	3.0E-02
Arsenic	6010	12/19/2005	0	2.1E-02	S-0		1.0E-01
Arsenic	6010	11/8/2006	0	1.3E-02			1.0E-01
Arsenic	6010	1/28/2008	0	3.1E-02			1.0E-01
Arsenic	6010	6/16/2008	0	3.1E-01			1.0E-01
Arsenic	6010	8/26/2008	0	2.6E-02			1.0E-01
Arsenic	6020	2/22/2010	0	1.6E-02			1.0E-01
Arsenic	6010	10/23/2010	0	2.8E-02			1.0E-01
Arsenic	3050	3/21/2011	0			3.0E-02	1.0E-01
Barium	6010	12/19/2005	0	5.1E-02	S-0		1.0E+00
Barium	6010	11/8/2006	0	4.9E-02			1.0E+00
Barium	6010	1/28/2008	0	8.6E-02			1.0E+00
Barium	6010	6/16/2008	0	1.5E-01			1.0E+00
Barium	6010	8/26/2008	0	1.1E-01			1.0E+00
Barium	6020	2/22/2010	0	1.4E-01			1.0E+00
Barium	6010	10/23/2010	0	7.0E-02			1.0E+00
Barium	3050	3/21/2011	0	1.2E-01			1.0E+00
Benzene	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Benzene	8021	3/4/2006	0	5.4E-05	Q-1		1.0E-02
Benzene	8021	6/7/2006	0	1.6E-04	J		1.0E-02
Benzene	8021	9/9/2006	0			4.4E-04	1.0E-02
Benzene	8260	11/8/2006	0			3.3E-04	1.0E-02
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/20/2007	0			6.1E-04	1.0E-02
Benzene	8021	1/28/2008	0			5.0E-04	1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	2/26/2008	0		U	5.0E-04	1.0E-02
Benzene	8260	6/16/2008	0	5.0E-03			1.0E-02
Benzene	8260	8/26/2008	0			5.0E-04	1.0E-02
Benzene	8260	2/22/2010	0				1.0E-02
Benzene	8260	10/23/2010	0			5.0E-04	1.0E-02
Benzene	8260	3/21/2011	0			6.0E-04	1.0E-02
benzo (b & k) fluoranthene	8270	12/19/2005	0		U	1.4E-01	
Benzo(a)anthracene	8270	12/19/2005	0		U	9.5E-02	3.0E-02
Benzo(a)anthracene	8270	3/4/2006	0		U	2.2E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(a)anthracene	8270	1/28/2008	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	2/22/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/19/2005	0		U	1.4E-01	7.0E-04
Benzo(a)pyrene	8270	3/4/2006	0		U	1.8E-03	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-04	7.0E-04
Benzo(a)pyrene	8270	1/28/2008	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	2/22/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/21/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/4/2006	0		U	3.4E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(b)fluoranthene	8270	1/28/2008	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/19/2005	0		U	1.1E-01	3.0E-02
Benzo(g,h,i)perylene	8270	3/4/2006	0		U	1.6E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(g,h,i)perylene	8270	1/28/2008	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/22/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/21/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/4/2006	0		U	3.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	1/28/2008	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/22/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/21/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/19/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/19/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/19/2005	0		U	1.3E-04	



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/19/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/19/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6010	12/19/2005	0		S-0	1.0E-03	1.0E-02
Cadmium	6010	11/8/2006	0			4.0E-04	1.0E-02
Cadmium	6010	1/28/2008	0	1.8E-03			1.0E-02
Cadmium	6010	6/16/2008	0	6.1E-02			1.0E-02
Cadmium	6010	8/26/2008	0			1.5E-03	1.0E-02
Cadmium	6020	2/22/2010	0				1.0E-02
Cadmium	6010	10/23/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/21/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/19/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/19/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/19/2005	0	7.5E+01			2.5E+02
Chlorobenzene	8260	12/19/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/19/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/19/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/19/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6010	12/19/2005	0	7.4E-03	S-0		5.0E-02
Chromium	6010	11/8/2006	0			1.3E-03	5.0E-02
Chromium	6010	1/28/2008	0			2.0E-03	5.0E-02
Chromium	6010	6/16/2008	0	9.8E-02			5.0E-02
Chromium	6010	8/26/2008	0			1.5E-03	5.0E-02
Chromium	6020	2/22/2010	0				5.0E-02
Chromium	6010	10/23/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/21/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/19/2005	0		U	1.0E-01	3.0E-02
Chrysene	8270	3/4/2006	0		U	2.0E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-04	3.0E-02
Chrysene	8270	1/28/2008	0			1.1E-03	3.0E-02
Chrysene	8270	2/22/2010	0				3.0E-02

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**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chrysene	8270	3/21/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/19/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/19/2005	0		U	5.0E-02	
Dibenzo(a,h)anthracene	8270	12/19/2005	0		U	9.0E-02	3.0E-02
Dibenzo(a,h)anthracene	8270	3/4/2006	0		U	2.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	1/28/2008	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/22/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/21/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/19/2005	0		U	1.7E-01	
Dibromochloromethane	8260	12/19/2005	0		U	1.1E-04	
Dibromomethane	8260	12/19/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/19/2005	0		U	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/19/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	1/28/2008	0			5.0E-04	
Diisopropyl Ether	8260	2/22/2010	0				
Di-Isopropyl ether	8260	3/21/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	2/22/2010	0				
Ethyl Tert Butyl Ether	8260	3/21/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/19/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	1/28/2008	0			3.3E-04	
Ethylbenzene	8260	12/19/2005	0		U	5.0E-04	7.5E-01
Ethylbenzene	8021	3/4/2006	0	2.0E-04	Ja		7.5E-01
Ethylbenzene	8021	6/7/2006	0		U	8.1E-05	7.5E-01
Ethylbenzene	8021	9/9/2006	0			4.1E-04	7.5E-01
Ethylbenzene	8260	11/8/2006	0			4.2E-04	7.5E-01
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/20/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	1/28/2008	0			5.2E-04	7.5E-01
Ethylbenzene	8021	2/26/2008	0		U	5.0E-04	7.5E-01
Ethylbenzene	8260	6/16/2008	0			2.5E-03	7.5E-01
Ethylbenzene	8260	8/26/2008	0			5.0E-04	7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8260	2/22/2010	0				7.5E-01
Ethylbenzene	8260	10/23/2010	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/21/2011	0			6.0E-04	7.5E-01
Ethylene Dibromide	8260	12/19/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/19/2005	0		U	1.4E-01	3.0E-02
Fluoranthene	8270	3/4/2006	0		U	2.4E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluoranthene	8270	1/28/2008	0			1.1E-03	3.0E-02
Fluoranthene	8270	2/22/2010	0				3.0E-02
Fluoranthene	8270	3/21/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/19/2005	0		U	1.9E-01	3.0E-02
Fluorene	8270	3/4/2006	0	1.6E-02			3.0E-02
Fluorene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluorene	8270	1/28/2008	0	2.7E-03			3.0E-02
Fluorene	8270	2/22/2010	0				3.0E-02
Fluorene	8270	3/21/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/19/2005	0	3.7E+00			1.6E+00
Hexachlorobutadiene	8260	12/19/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/19/2005	0		U	1.1E-01	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/4/2006	0		U	2.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	1/28/2008	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/22/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/21/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/19/2005	0	1.6E-03			
Isopropylbenzene	8260	11/8/2006	0	2.0E-03			
Lead	6010	12/19/2005	0		S-0	9.4E-03	5.0E-02
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	1/28/2008	0			3.6E-03	5.0E-02
Lead	6010	6/16/2008	0			4.0E-03	5.0E-02
Lead	6010	8/26/2008	0			4.0E-03	5.0E-02
Lead	6020	2/22/2010	0				5.0E-02
Lead	6010	10/23/2010	0			1.9E-03	5.0E-02
Lead	3050	3/21/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/19/2005	0		U	1.0E-03	
m,p-Xylene	8260	6/16/2008	0			5.0E-03	
m,p-Xylene	8260	8/26/2008	0			1.0E-03	
m,p-Xylenes	8021	2/26/2008	0		U	1.4E-03	

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
m,p-Xylenes	8260	2/22/2010	0				
m,p-Xylenes	8260	10/23/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	2/22/2010	0				
Methyl Tert Butyl Ether	8260	3/21/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/19/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	1/28/2008	0			4.2E-04	
Methylene Chloride	8260	12/19/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8260	12/19/2005	0	5.7E-03			3.0E-02
Naphthalene	8270	12/19/2005	0		U	2.2E-01	3.0E-02
Naphthalene	8270	3/4/2006	0		U	3.0E-03	3.0E-02
Naphthalene	8270	11/8/2006	0	9.3E-03			3.0E-02
Naphthalene	8260	11/8/2006	0	7.1E-03			3.0E-02
Naphthalene	8270	1/28/2008	0	5.1E-03			3.0E-02
Naphthalene	8270	2/22/2010	0				3.0E-02
Naphthalene	8270	3/21/2011	0			4.8E-03	3.0E-02
n-Butylbenzene	8260	12/19/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	2.1E-03			
Nitrate (NO3 as N)	300.0	12/19/2005	0	6.0E+00	C-0		1.0E+01
n-Propylbenzene	8260	12/19/2005	0	7.7E-04			
n-Propylbenzene	8260	11/8/2006	0			3.5E-04	
o-Xylene	8260	12/19/2005	0	1.6E-03			
o-Xylene	8021	2/26/2008	0	2.0E-03			
o-Xylene	8260	6/16/2008	0			2.5E-03	
o-Xylene	8260	8/26/2008	0	2.7E-03			
o-Xylene	8260	2/22/2010	0	2.1E-03			
o-Xylene	8260	10/23/2010	0	2.6E-03			
pH	150.1	12/19/2005	0	7.3E+00	H-0		
Phenanthrene	8270	12/19/2005	0		U	1.5E-01	3.0E-02
Phenanthrene	8270	3/4/2006	0	9.2E-03			3.0E-02
Phenanthrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Phenanthrene	8270	1/28/2008	0			1.1E-03	3.0E-02
Phenanthrene	8270	2/22/2010	0				3.0E-02
Phenanthrene	8270	3/21/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	12/19/2005	0	1.9E-03	J		
p-Isopropyltoluene	8260	11/8/2006	0	1.3E-03			
Pyrene	8270	12/19/2005	0		U	1.0E-01	3.0E-02
Pyrene	8270	3/4/2006	0	1.3E-02			3.0E-02
Pyrene	8270	11/8/2006	0			9.6E-04	3.0E-02

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*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Pyrene	8270	1/28/2008	0			1.1E-03	3.0E-02
Pyrene	8270	2/22/2010	0				3.0E-02
Pyrene	8270	3/21/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/19/2005	0	2.7E-03			
sec-Butylbenzene	8260	11/8/2006	0	2.4E-03			
Selenium	6010	12/19/2005	0	6.3E-03	S-0		5.0E-02
Selenium	6010	11/8/2006	0	1.2E-02			5.0E-02
Selenium	6010	1/28/2008	0	1.5E-02			5.0E-02
Selenium	6010	6/16/2008	0			3.0E-03	5.0E-02
Selenium	6010	8/26/2008	0			3.0E-03	5.0E-02
Selenium	6020	2/22/2010	0				5.0E-02
Selenium	6010	10/23/2010	0	1.7E-02			5.0E-02
Selenium	3050	3/21/2011	0			3.0E-02	5.0E-02
Silver	6010	12/19/2005	0		S-0	2.5E-03	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	1/28/2008	0			3.0E-03	5.0E-02
Silver	6010	6/16/2008	0			1.0E-03	5.0E-02
Silver	6010	8/26/2008	0			1.0E-03	5.0E-02
Silver	6020	2/22/2010	0				5.0E-02
Silver	6010	10/23/2010	0			6.5E-04	5.0E-02
Silver	3050	3/21/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/19/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/19/2005	0	1.7E+02			6.0E+02
tert-amyl methyl ether	8260	12/19/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	1/28/2008	0			4.5E-04	
tert-Amyl methyl Ether	8260	2/22/2010	0				
Tert-Amyl Methyl Ether	8260	3/21/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/19/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	2/22/2010	0				
Tert-Butyl Alcohol	8260	3/21/2011	0			1.0E-02	
tert-Butylbenzene	8260	12/19/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	1/28/2008	0	2.1E-02			
Toluene	8260	12/19/2005	0		U	1.4E-04	7.5E-01
Toluene	8021	3/4/2006	0	8.6E-05	Q-1		7.5E-01
Toluene	8021	6/7/2006	0	4.9E-05	J		7.5E-01
Toluene	8021	9/9/2006	0			5.4E-04	7.5E-01

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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	1/28/2008	0			5.0E-04	7.5E-01
Toluene	8021	2/26/2008	0		U	1.0E-03	7.5E-01
Toluene	8260	6/16/2008	0	5.7E-03			7.5E-01
Toluene	8260	8/26/2008	0			5.0E-04	7.5E-01
Toluene	8260	2/22/2010	0				7.5E-01
Toluene	8260	10/23/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/21/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	2/26/2008	0	2.0E-03			
Total Dissolved Solids	160.1	12/19/2005	0	8.0E+02			
Total Mercury	7470	12/19/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	1/28/2008	0			1.0E-04	2.0E-03
Total Mercury	7470	6/16/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/26/2008	0	2.0E-04			2.0E-03
Total Mercury	7470	2/22/2010	0				2.0E-03
Total Mercury	7470	10/23/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/21/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/4/2006	0	6.7E-04	Ja		6.2E-01
Total Xylenes	8021	6/7/2006	0	5.1E-03			6.2E-01
Total Xylenes	8021	9/9/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/8/2006	0			4.5E-04	6.2E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0	3.1E-03			6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	1/28/2008	0	5.0E-03			6.2E-01
Total Xylenes	8021	2/26/2008	0	2.0E-03			6.2E-01
Total Xylenes	8260	6/16/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/26/2008	0	2.7E-03			6.2E-01
Total Xylenes	8260	10/23/2010	0	2.6E-03			6.2E-01
Total Xylenes	8260	3/21/2011	0	3.8E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/19/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/19/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/19/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-22**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Vinyl acetate	8260	12/19/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/19/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/20/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/20/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/20/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/20/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/20/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/20/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/20/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02
1,1-Dichloroethylene	8260	12/20/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/20/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/20/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/20/2005	0		U	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/20/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/20/2005	0	2.5E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	1.0E-02			
1,2-Dibromo-3-chloropropane	8260	12/20/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/20/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/20/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/20/2005	0		U	1.3E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/20/2005	0	6.8E-03			
1,3,5-Trimethylbenzene	8260	11/8/2006	0			2.4E-04	
1,3-Dichlorobenzene	8260	12/20/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/20/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/20/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/20/2011	0			4.9E-03	3.0E-02
2,2-Dichloropropane	8260	12/20/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/20/2005	0	1.6E-03	J		
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/20/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/20/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/20/2011	0			4.9E-03	3.0E-02
4-Chlorotoluene	8260	12/20/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/20/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/20/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/5/2006	0		U	1.6E-03	3.0E-02
Acenaphthene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Acenaphthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/21/2010	0				3.0E-02
Acenaphthene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acenaphthylene	8270	12/20/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.2E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/8/2008	0			1.0E-03	3.0E-02
Acenaphthylene	8270	3/14/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/21/2010	0				3.0E-02



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthylene	8270	3/20/2011	0			4.9E-03	3.0E-02
Acetone	8260	12/20/2005	0	3.0E-03	J		
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/20/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/5/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/8/2008	0			1.0E-03	3.0E-02
Anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/21/2010	0				3.0E-02
Anthracene	8270	3/20/2011	0			3.9E-03	3.0E-02
Arsenic	6010	12/20/2005	0	3.0E-02	S-0		1.0E-01
Arsenic	6010	11/8/2006	0	2.2E-02			1.0E-01
Arsenic	6010	11/6/2007	0			5.0E-03	1.0E-01
Arsenic	6010	6/17/2008	0	6.3E-02			1.0E-01
Arsenic	6010	8/26/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/8/2008	0	7.0E-03			1.0E-01
Arsenic	6020	3/14/2009	0	1.3E-02			1.0E-01
Arsenic	6020	2/21/2010	0	2.2E-02			1.0E-01
Arsenic	6010	10/24/2010	0	1.2E-02			1.0E-01
Arsenic	3050	3/20/2011	0			3.0E-02	1.0E-01
Barium	6010	12/20/2005	0	6.2E-01	S-0		1.0E+00
Barium	6010	11/8/2006	0	1.9E-01			1.0E+00
Barium	6010	11/6/2007	0	4.8E-02			1.0E+00
Barium	6010	6/17/2008	0	3.2E-02			1.0E+00
Barium	6010	8/26/2008	0	4.3E-02			1.0E+00
Barium	6020	12/8/2008	0	3.9E-02			1.0E+00
Barium	6020	3/14/2009	0	5.6E-02			1.0E+00
Barium	6020	2/21/2010	0	1.0E-01			1.0E+00
Barium	6010	10/24/2010	0	1.1E-01			1.0E+00
Barium	3050	3/20/2011	0			1.0E-01	1.0E+00
Benzene	8260	12/20/2005	0	4.5E-03			1.0E-02
Benzene	8021	3/5/2006	0	4.9E-03	Q-1		1.0E-02
Benzene	8021	6/7/2006	0	7.1E-03			1.0E-02
Benzene	8021	9/9/2006	0	3.3E-03			1.0E-02
Benzene	8260	11/8/2006	0	8.3E-03			1.0E-02
Benzene	8021	2/25/2007	0	3.1E-03			1.0E-02
Benzene	8021	5/22/2007	0	2.3E-03			1.0E-02
Benzene	8021	9/7/2007	0	2.0E-03			1.0E-02
Benzene	8021	11/6/2007	0	5.8E-03			1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	3/4/2008	0	2.8E-03			1.0E-02
Benzene	8260	6/17/2008	0			5.0E-04	1.0E-02
Benzene	8260	8/26/2008	0			5.0E-04	1.0E-02
Benzene	8260	12/8/2008	0			5.0E-04	1.0E-02
Benzene	8260	3/14/2009	0			5.0E-04	1.0E-02
Benzene	8260	2/21/2010	0				1.0E-02
Benzene	8260	10/24/2010	0	1.2E-03			1.0E-02
Benzene	8260	3/20/2011	0	7.6E-04			1.0E-02
benzo (b & k) fluoranthene	8270	12/20/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/20/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/5/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/21/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/20/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/5/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.6E-04	7.0E-04
Benzo(a)pyrene	8270	11/6/2007	0			1.1E-03	7.0E-04
Benzo(a)pyrene	8270	12/8/2008	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/14/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/21/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/20/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/5/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/20/2005	0		U	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/5/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.6E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/21/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/20/2011	0			1.9E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(k)fluoranthene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/20/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/20/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/20/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/20/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/20/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/20/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6010	12/20/2005	0		S-0	1.0E-03	1.0E-02
Cadmium	6010	11/8/2006	0	1.1E-03			1.0E-02
Cadmium	6010	11/6/2007	0	2.7E-03			1.0E-02
Cadmium	6010	6/17/2008	0	3.5E-02			1.0E-02
Cadmium	6010	8/26/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/8/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/14/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/21/2010	0				1.0E-02
Cadmium	6010	10/24/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/20/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/20/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/20/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/20/2005	0	7.0E+01			2.5E+02
Chlorobenzene	8260	12/20/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/20/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/20/2005	0		U	1.1E-04	1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/20/2005	0		U	5.0E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6010	12/20/2005	0	7.9E-02	S-0		5.0E-02
Chromium	6010	11/8/2006	0	2.0E-02			5.0E-02
Chromium	6010	11/6/2007	0			2.0E-03	5.0E-02
Chromium	6010	6/17/2008	0	6.0E-03			5.0E-02
Chromium	6010	8/26/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/8/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/14/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/21/2010	0				5.0E-02
Chromium	6010	10/24/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/20/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/20/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.6E-04	3.0E-02
Chrysene	8270	11/6/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/8/2008	0			1.0E-03	3.0E-02
Chrysene	8270	3/14/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/21/2010	0				3.0E-02
Chrysene	8270	3/20/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/20/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	
cis-1,3-Dichloropropene	8260	12/20/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/20/2005	0		U	5.0E-02	
Di Isopropyl Ether	8260	12/8/2008	0			3.0E-03	
Di Isopropyl Ether	8260	3/14/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/20/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.2E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/8/2008	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/21/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/20/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/20/2005	0	7.9E-03	J		
Dibromochloromethane	8260	12/20/2005	0		U	1.1E-04	
Dibromomethane	8260	12/20/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/20/2005	0		U	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Diisopropyl ether	8260	12/20/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/21/2010	0				
Di-Isopropyl ether	8260	3/20/2011	0			5.0E-04	
Ethyl tert butyl Ether	8260	12/8/2008	0			3.0E-03	
Ethyl tert butyl Ether	8260	3/14/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/21/2010	0				
Ethyl Tert Butyl Ether	8260	3/20/2011	0			5.0E-04	
Ethyl tert-butyl ether	8260	12/20/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8260	12/20/2005	0	9.5E-03			7.5E-01
Ethylbenzene	8021	3/5/2006	0	4.0E-03			7.5E-01
Ethylbenzene	8021	6/7/2006	0	6.8E-03			7.5E-01
Ethylbenzene	8021	9/9/2006	0	5.7E-03			7.5E-01
Ethylbenzene	8260	11/8/2006	0	9.1E-03			7.5E-01
Ethylbenzene	8021	2/25/2007	0	3.7E-03			7.5E-01
Ethylbenzene	8021	5/22/2007	0	1.3E-03			7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/6/2007	0	7.5E-03			7.5E-01
Ethylbenzene	8021	3/4/2008	0	3.8E-03			7.5E-01
Ethylbenzene	8260	6/17/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	8/26/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	12/8/2008	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/14/2009	0			5.0E-04	7.5E-01
Ethylbenzene	8260	2/21/2010	0				7.5E-01
Ethylbenzene	8260	10/24/2010	0			5.0E-04	7.5E-01
Ethylbenzene	8260	3/20/2011	0	4.7E-04			7.5E-01
Ethylene Dibromide	8260	12/20/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/20/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/5/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/8/2008	0			1.0E-03	3.0E-02
Fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/21/2010	0				3.0E-02
Fluoranthene	8270	3/20/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/20/2005	0	5.3E-03	J		3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluorene	8270	3/5/2006	0	3.4E-03			3.0E-02
Fluorene	8270	11/8/2006	0			9.6E-04	3.0E-02
Fluorene	8270	11/6/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/8/2008	0			1.0E-03	3.0E-02
Fluorene	8270	3/14/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/21/2010	0				3.0E-02
Fluorene	8270	3/20/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/20/2005	0	3.5E+00			1.6E+00
Hexachlorobutadiene	8260	12/20/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/20/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/8/2008	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/21/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/20/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/20/2005	0	1.4E-02			
Isopropylbenzene	8260	11/8/2006	0	6.8E-03			
Lead	6010	12/20/2005	0	2.9E-02	S-0		5.0E-02
Lead	6020	12/20/2005	0	3.3E-02			5.0E-02
Lead	6010	11/8/2006	0	5.8E-03			5.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Lead	6010	6/17/2008	0	9.4E-02			5.0E-02
Lead	6010	8/26/2008	0			4.0E-03	5.0E-02
Lead	6020	12/8/2008	0			1.0E-03	5.0E-02
Lead	6020	3/14/2009	0			1.0E-03	5.0E-02
Lead	6020	2/21/2010	0				5.0E-02
Lead	6010	10/24/2010	0			1.9E-03	5.0E-02
Lead	3050	3/20/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/20/2005	0	2.4E-02			
m,p-Xylene	8260	6/17/2008	0			1.0E-03	
m,p-Xylene	8260	8/26/2008	0			1.0E-03	
m,p-Xylene	8260	12/8/2008	0			1.0E-03	
m,p-Xylene	8260	3/14/2009	0			1.0E-03	
m,p-Xylenes	8021	3/4/2008	0			1.4E-03	
m,p-Xylenes	8260	2/21/2010	0				
m,p-Xylenes	8260	10/24/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	12/8/2008	0			2.5E-03	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Methyl tert butyl Ether	8260	3/14/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/21/2010	0				
Methyl Tert Butyl Ether	8260	3/20/2011	0			5.0E-04	
Methyl tert-butyl ether	8260	12/20/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/6/2007	0			4.2E-04	
Methylene Chloride	8260	12/20/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8260	12/20/2005	0	2.9E-02			3.0E-02
Naphthalene	8270	12/20/2005	0	3.3E-02			3.0E-02
Naphthalene	8270	3/5/2006	0	1.1E-02			3.0E-02
Naphthalene	8270	11/8/2006	0	7.4E-03			3.0E-02
Naphthalene	8260	11/8/2006	0	1.5E-02			3.0E-02
Naphthalene	8270	11/6/2007	0			1.1E-03	3.0E-02
Naphthalene	8270	12/8/2008	0			1.0E-03	3.0E-02
Naphthalene	8270	3/14/2009	0			1.0E-03	3.0E-02
Naphthalene	8270	2/21/2010	0				3.0E-02
Naphthalene	8270	3/20/2011	0			4.9E-03	3.0E-02
n-Butylbenzene	8260	12/20/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	2.5E-03			
Nitrate (NO3 as N)	300.0	12/20/2005	0	9.9E-01	Q-1		1.0E+01
n-Propylbenzene	8260	12/20/2005	0	1.5E-02			
n-Propylbenzene	8260	11/8/2006	0	5.7E-03			
o-Xylene	8260	12/20/2005	0	1.5E-02			
o-Xylene	8021	3/4/2008	0	1.5E-03			
o-Xylene	8260	6/17/2008	0			5.0E-04	
o-Xylene	8260	8/26/2008	0			5.0E-04	
o-Xylene	8260	12/8/2008	0			5.0E-04	
o-Xylene	8260	3/14/2009	0			5.0E-04	
o-Xylene	8260	2/21/2010	0				
o-Xylene	8260	10/24/2010	0			5.0E-04	
pH	150.1	12/20/2005	0	7.4E+00	H-0		
Phenanthrene	8270	12/20/2005	0	5.3E-03	J		3.0E-02
Phenanthrene	8270	3/5/2006	0	1.9E-03	J		3.0E-02
Phenanthrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Phenanthrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	12/8/2008	0			1.0E-03	3.0E-02
Phenanthrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/21/2010	0				3.0E-02
Phenanthrene	8270	3/20/2011	0			4.9E-03	3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
p-Isopropyltoluene	8260	12/20/2005	0	5.8E-03			
p-Isopropyltoluene	8260	11/8/2006	0	2.6E-03			
Pyrene	8270	12/20/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	3/5/2006	0		U	1.1E-03	3.0E-02
Pyrene	8270	11/8/2006	0			9.6E-04	3.0E-02
Pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/8/2008	0			1.0E-03	3.0E-02
Pyrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/21/2010	0				3.0E-02
Pyrene	8270	3/20/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/20/2005	0	1.8E-02			
sec-Butylbenzene	8260	11/8/2006	0	8.0E-03			
Selenium	6010	12/20/2005	0	4.8E-03	S-0		5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/6/2007	0	1.5E-02			5.0E-02
Selenium	6010	6/17/2008	0	2.0E-01			5.0E-02
Selenium	6010	8/26/2008	0	1.3E-02			5.0E-02
Selenium	6020	12/8/2008	0	9.0E-03			5.0E-02
Selenium	6020	3/14/2009	0	8.0E-03			5.0E-02
Selenium	6020	2/21/2010	0	1.1E-02			5.0E-02
Selenium	6010	10/24/2010	0	1.5E-02			5.0E-02
Selenium	3050	3/20/2011	0			3.0E-02	5.0E-02
Silver	6010	12/20/2005	0		S-0	2.5E-03	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Silver	6010	6/17/2008	0			1.0E-03	5.0E-02
Silver	6010	8/26/2008	0			1.0E-03	5.0E-02
Silver	6020	12/8/2008	0			1.0E-03	5.0E-02
Silver	6020	3/14/2009	0			1.0E-03	5.0E-02
Silver	6020	2/21/2010	0				5.0E-02
Silver	6010	10/24/2010	0			6.5E-04	5.0E-02
Silver	3050	3/20/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/20/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/20/2005	0	3.9E+02			6.0E+02
tert-amyl methyl ether	8260	12/20/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/8/2008	0			3.0E-03	
tert-Amyl methyl Ether	8260	3/14/2009	0			3.0E-03	



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**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
tert-Amyl methyl Ether	8260	2/21/2010	0				
Tert-Amyl Methyl Ether	8260	3/20/2011	0			5.0E-04	
tert-Butyl Alcohol	8260	12/20/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	12/8/2008	0			5.0E-03	
tert-butyl alcohol	8260	3/14/2009	0			5.0E-03	
tert-butyl alcohol	8260	2/21/2010	0				
Tert-Butyl Alcohol	8260	3/20/2011	0	5.1E-03			
tert-Butylbenzene	8260	12/20/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8260	12/20/2005	0	2.0E-03			7.5E-01
Toluene	8021	3/5/2006	0	4.5E-04	Q-1		7.5E-01
Toluene	8021	6/7/2006	0	5.2E-04			7.5E-01
Toluene	8021	9/9/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Toluene	8021	3/4/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/17/2008	0			5.0E-04	7.5E-01
Toluene	8260	8/26/2008	0			5.0E-04	7.5E-01
Toluene	8260	12/8/2008	0			5.0E-04	7.5E-01
Toluene	8260	3/14/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/21/2010	0				7.5E-01
Toluene	8260	10/24/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/20/2011	0			5.0E-04	7.5E-01
Total BTEX	8021	3/4/2008	0	8.1E-03			
Total Dissolved Solids	160.1	12/20/2005	0	9.2E+02			
Total Mercury	7470	12/20/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/17/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/26/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	12/8/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/14/2009	0			0.0E+00	2.0E-03
Total Mercury	7470	2/21/2010	0				2.0E-03
Total Mercury	7470	10/24/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/20/2011	0			2.0E-04	2.0E-03

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-23**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	3/5/2006	0	9.6E-03			6.2E-01
Total Xylenes	8021	6/7/2006	0	6.3E-03			6.2E-01
Total Xylenes	8021	9/9/2006	0			1.2E-03	6.2E-01
Total Xylenes	8260	11/8/2006	0	6.2E-03			6.2E-01
Total Xylenes	8021	2/25/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/6/2007	0	4.6E-03			6.2E-01
Total Xylenes	8021	3/4/2008	0	1.5E-03			6.2E-01
Total Xylenes	8260	6/17/2008	0			0.0E+00	6.2E-01
Total Xylenes	8260	8/26/2008	0				6.2E-01
Total Xylenes	8260	10/24/2010	0				6.2E-01
Total Xylenes	8260	3/20/2011	0			7.0E-04	6.2E-01
trans-1,2-Dichloroethene	8260	12/20/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/20/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/20/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/20/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/20/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/27/2005	0		U	1.7E-04	
1,1,1,2-Tetrachloroethane	8260	11/8/2006	0			4.7E-04	
1,1,1-Trichloroethane	8260	12/27/2005	0		U	5.0E-04	6.0E-02
1,1,1-Trichloroethane	8260	11/8/2006	0			3.5E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/27/2005	0		U	1.6E-04	1.0E-02
1,1,2,2-Tetrachloroethane	8260	11/8/2006	0			2.7E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/27/2005	0		U	5.0E-04	2.0E-02
1,1,2,2-Tetrachloroethylene	8260	11/8/2006	0			3.2E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/27/2005	0		U	1.4E-04	1.0E-02
1,1,2-Trichloroethane	8260	11/8/2006	0			5.7E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/27/2005	0		U	5.0E-04	1.0E-01
1,1,2-Trichloroethylene	8260	11/8/2006	0			5.1E-04	1.0E-01
1,1-Dichloroethane	8260	12/27/2005	0		U	1.3E-04	2.5E-02
1,1-Dichloroethane	8260	11/8/2006	0			6.0E-04	2.5E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1-Dichloroethylene	8260	12/27/2005	0		U	1.1E-04	5.0E-03
1,1-Dichloroethylene	8260	11/8/2006	0			2.7E-04	5.0E-03
1,1-Dichloropropene	8260	12/27/2005	0		U	2.8E-04	
1,1-Dichloropropene	8260	11/8/2006	0			2.8E-04	
1,2,3-Trichlorobenzene	8260	12/27/2005	0		U	1.2E-04	
1,2,3-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,3-Trichloropropane	8260	12/27/2005	0		Q-2	3.1E-04	
1,2,3-Trichloropropane	8260	11/8/2006	0			5.2E-04	
1,2,4-Trichlorobenzene	8260	12/27/2005	0		U	1.4E-04	
1,2,4-Trichlorobenzene	8260	11/8/2006	0			6.2E-04	
1,2,4-Trimethylbenzene	8260	12/27/2005	0	5.5E-02			
1,2,4-Trimethylbenzene	8260	11/8/2006	0	6.5E-02			
1,2-Dibromo-3-chloropropane	8260	12/27/2005	0		U	4.4E-04	
1,2-Dibromo-3-chloropropane	8260	11/8/2006	0			1.0E-03	
1,2-Dichlorobenzene	8260	12/27/2005	0		U	5.0E-04	
1,2-Dichlorobenzene	8260	11/8/2006	0			4.4E-04	
1,2-Dichloroethane	8260	12/27/2005	0		U	1.8E-04	1.0E-02
1,2-Dichloroethane	8260	11/8/2006	0			4.6E-04	1.0E-02
1,2-Dichloropropane	8260	12/27/2005	0		U	1.3E-04	
1,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
1,3,5-Trimethylbenzene	8260	12/27/2005	0	1.3E-02			
1,3,5-Trimethylbenzene	8260	11/8/2006	0	2.6E-03			
1,3-Dichlorobenzene	8260	12/27/2005	0		U	5.0E-04	
1,3-Dichlorobenzene	8260	11/8/2006	0			4.1E-04	
1,3-Dichloropropane	8260	12/27/2005	0		U	1.4E-04	
1,3-Dichloropropane	8260	11/8/2006	0			4.8E-04	
1,4-Dichlorobenzene	8260	12/27/2005	0		U	5.0E-04	
1,4-Dichlorobenzene	8260	11/8/2006	0			3.6E-04	
1-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
1-Methylnaphthalene	8270	3/19/2011	0	1.3E-02			3.0E-02
2,2-Dichloropropane	8260	12/27/2005	0		U	1.1E-04	
2,2-Dichloropropane	8260	11/8/2006	0			3.7E-04	
2-Butanone	8260	12/27/2005	0	1.0E-02			
2-Butanone	8260	11/8/2006	0			3.1E-03	
2-Chlorotoluene	8260	12/27/2005	0		U	5.0E-04	
2-Chlorotoluene	8260	11/8/2006	0			2.1E-04	
2-Hexanone	8260	12/27/2005	0		U	3.9E-04	
2-Hexanone	8260	11/8/2006	0			2.2E-03	
2-Methylnaphthalene	8270	2/21/2010	0				3.0E-02
2-Methylnaphthalene	8270	3/19/2011	0	8.1E-03			3.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
4-Chlorotoluene	8260	12/27/2005	0		U	1.3E-04	
4-Chlorotoluene	8260	11/8/2006	0			4.1E-04	
4-Methyl-2-pentanone	8260	12/27/2005	0		U	3.7E-04	
4-Methyl-2-pentanone	8260	11/8/2006	0			4.1E-03	
Acenaphthene	8270	12/27/2005	0		U	3.4E-03	3.0E-02
Acenaphthene	8270	3/5/2006	0	3.4E-03			3.0E-02
Acenaphthene	8270	11/8/2006	0			1.1E-03	3.0E-02
Acenaphthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Acenaphthene	8270	12/8/2008	0			2.0E-03	3.0E-02
Acenaphthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Acenaphthene	8270	2/21/2010	0				3.0E-02
Acenaphthene	8270	3/19/2011	0			4.8E-03	3.0E-02
Acenaphthylene	8270	12/27/2005	0		U	3.5E-03	3.0E-02
Acenaphthylene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Acenaphthylene	8270	11/8/2006	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	12/8/2008	0			2.0E-03	3.0E-02
Acenaphthylene	8270	3/14/2009	0			1.0E-03	3.0E-02
Acenaphthylene	8270	2/21/2010	0				3.0E-02
Acenaphthylene	8270	3/19/2011	0			4.8E-03	3.0E-02
Acetone	8260	12/27/2005	0	3.9E-03	J		
Acetone	8260	11/8/2006	0			7.4E-03	
Anthracene	8270	12/27/2005	0		U	3.3E-03	3.0E-02
Anthracene	8270	3/5/2006	0		U	9.0E-04	3.0E-02
Anthracene	8270	11/8/2006	0			9.5E-04	3.0E-02
Anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Anthracene	8270	12/8/2008	0			2.0E-03	3.0E-02
Anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Anthracene	8270	2/21/2010	0				3.0E-02
Anthracene	8270	3/19/2011	0			3.8E-03	3.0E-02
Arsenic	6010	12/27/2005	0	2.7E-02	J		1.0E-01
Arsenic	6010	11/8/2006	0	5.0E-02			1.0E-01
Arsenic	6010	11/6/2007	0	2.1E-02			1.0E-01
Arsenic	6010	6/16/2008	0			3.0E-03	1.0E-01
Arsenic	6010	8/26/2008	0			3.0E-03	1.0E-01
Arsenic	6020	12/8/2008	0	6.0E-03			1.0E-01
Arsenic	6020	3/14/2009	0	1.1E-02			1.0E-01
Arsenic	6020	2/21/2010	0	1.6E-02			1.0E-01
Arsenic	6010	10/24/2010	0	1.5E-02			1.0E-01
Arsenic	3050	3/19/2011	0			3.0E-02	1.0E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Barium	6010	12/27/2005	0	4.3E-01			1.0E+00
Barium	6010	11/8/2006	0	7.8E-02			1.0E+00
Barium	6010	11/6/2007	0	3.6E-02			1.0E+00
Barium	6010	6/16/2008	0	3.6E-02			1.0E+00
Barium	6010	8/26/2008	0	4.2E-02			1.0E+00
Barium	6020	12/8/2008	0	3.6E-02			1.0E+00
Barium	6020	3/14/2009	0	6.0E-02			1.0E+00
Barium	6020	2/21/2010	0	1.9E-01			1.0E+00
Barium	6010	10/24/2010	0	6.5E-02			1.0E+00
Barium	3050	3/19/2011	0	1.2E-01			1.0E+00
Benzene	8260	12/27/2005	0	1.8E-02			1.0E-02
Benzene	8021	3/5/2006	0	2.9E-02	Q-1		1.0E-02
Benzene	8021	6/4/2006	0	3.1E-02	Q-2		1.0E-02
Benzene	8021	9/9/2006	0	4.2E-02			1.0E-02
Benzene	8260	11/8/2006	0	5.6E-02			1.0E-02
Benzene	8021	2/25/2007	0	2.6E-02			1.0E-02
Benzene	8021	5/22/2007	0	8.1E-02			1.0E-02
Benzene	8021	9/7/2007	0	3.0E-02			1.0E-02
Benzene	8021	11/6/2007	0	6.8E-02			1.0E-02
Benzene	8021	3/4/2008	0	4.3E-02			1.0E-02
Benzene	8260	6/16/2008	0	4.7E-02			1.0E-02
Benzene	8260	8/26/2008	0	3.8E-02			1.0E-02
Benzene	8260	12/8/2008	0	5.7E-02			1.0E-02
Benzene	8260	3/14/2009	0	3.6E-02			1.0E-02
Benzene	8260	2/21/2010	0	3.2E-02			1.0E-02
Benzene	8260	10/24/2010	0	2.7E-02			1.0E-02
Benzene	8260	3/19/2011	0	1.8E-02			1.0E-02
benzo (b & k) fluoranthene	8270	12/27/2005	0		U	2.9E-03	
Benzo(a)anthracene	8270	12/27/2005	0		U	1.9E-03	3.0E-02
Benzo(a)anthracene	8270	3/5/2006	0		U	1.1E-03	3.0E-02
Benzo(a)anthracene	8270	11/8/2006	0			9.5E-04	3.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(a)anthracene	8270	12/8/2008	0			2.0E-03	3.0E-02
Benzo(a)anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(a)anthracene	8270	2/21/2010	0				3.0E-02
Benzo(a)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(a)pyrene	8270	12/27/2005	0		U	2.8E-03	7.0E-04
Benzo(a)pyrene	8270	3/5/2006	0		U	9.0E-04	7.0E-04
Benzo(a)pyrene	8270	11/8/2006	0			9.5E-04	7.0E-04
Benzo(a)pyrene	8270	11/6/2007	0			1.1E-03	7.0E-04

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)pyrene	8270	12/8/2008	0			2.0E-03	7.0E-04
Benzo(a)pyrene	8270	3/14/2009	0			1.0E-03	7.0E-04
Benzo(a)pyrene	8270	2/21/2010	0				7.0E-04
Benzo(a)pyrene	8270	3/19/2011	0			1.9E-03	7.0E-04
Benzo(b)fluoranthene	8270	3/5/2006	0		U	1.7E-03	3.0E-02
Benzo(b)fluoranthene	8270	11/8/2006	0			9.5E-04	3.0E-02
Benzo(b)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(b)fluoranthene	8270	12/8/2008	0			2.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(b)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(b)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/27/2005	0		Q-2	2.2E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/5/2006	0		U	8.0E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/8/2006	0			9.5E-04	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/8/2008	0			2.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	2/21/2010	0				3.0E-02
Benzo(g,h,i)perylene	8270	3/19/2011	0			1.9E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/5/2006	0		U	1.5E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/8/2006	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/8/2008	0			2.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	2/21/2010	0				3.0E-02
Benzo(k)fluoranthene	8270	3/19/2011	0			1.9E-03	3.0E-02
Bromobenzene	8260	12/27/2005	0		U	1.6E-04	
Bromobenzene	8260	11/8/2006	0			4.5E-04	
Bromochloromethane	8260	12/27/2005	0		U	1.8E-04	
Bromochloromethane	8260	11/8/2006	0			7.0E-04	
Bromodichloromethane	8260	12/27/2005	0		U	1.3E-04	
Bromodichloromethane	8260	11/8/2006	0			3.9E-04	
Bromoform	8260	12/27/2005	0		U	5.0E-04	
Bromoform	8260	11/8/2006	0			5.4E-04	
Bromomethane	8260	12/27/2005	0		U	1.9E-04	
Bromomethane	8260	11/8/2006	0			4.2E-04	
Cadmium	6010	12/27/2005	0		U	1.0E-03	1.0E-02
Cadmium	6010	11/8/2006	0	1.1E-03			1.0E-02
Cadmium	6010	11/6/2007	0	3.2E-03			1.0E-02
Cadmium	6010	6/16/2008	0	7.7E-02			1.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Cadmium	6010	8/26/2008	0			1.5E-03	1.0E-02
Cadmium	6020	12/8/2008	0			1.0E-03	1.0E-02
Cadmium	6020	3/14/2009	0			1.0E-03	1.0E-02
Cadmium	6020	2/21/2010	0				1.0E-02
Cadmium	6010	10/24/2010	0			1.4E-04	1.0E-02
Cadmium	3050	3/19/2011	0			2.0E-03	1.0E-02
Carbon disulfide	8260	12/27/2005	0		U	1.0E-03	
Carbon disulfide	8260	11/8/2006	0			2.3E-04	
Carbon Tetrachloride	8260	12/27/2005	0		U	5.0E-04	1.0E-02
Carbon Tetrachloride	8260	11/8/2006	0			4.1E-04	1.0E-02
Chloride	300.0	12/27/2005	0	6.1E+01			2.5E+02
Chlorobenzene	8260	12/27/2005	0		U	5.0E-04	
Chlorobenzene	8260	11/8/2006	0			3.4E-04	
Chlorodibromomethane	8260	11/8/2006	0			4.8E-04	
Chloroethane	8260	12/27/2005	0		U	1.3E-04	
Chloroethane	8260	11/8/2006	0			3.5E-04	
Chloroform	8260	12/27/2005	0	9.6E-04	J		1.0E-01
Chloroform	8260	11/8/2006	0			5.1E-04	1.0E-01
Chloromethane	8260	12/27/2005	0		U	5.0E-04	
Chloromethane	8260	11/8/2006	0			3.1E-04	
Chromium	6010	12/27/2005	0	4.6E-02			5.0E-02
Chromium	6010	11/8/2006	0	7.7E-03			5.0E-02
Chromium	6010	11/6/2007	0	5.0E-03			5.0E-02
Chromium	6010	6/16/2008	0			1.5E-03	5.0E-02
Chromium	6010	8/26/2008	0			1.5E-03	5.0E-02
Chromium	6020	12/8/2008	0			1.0E-03	5.0E-02
Chromium	6020	3/14/2009	0			1.0E-03	5.0E-02
Chromium	6020	2/21/2010	0				5.0E-02
Chromium	6010	10/24/2010	0			4.0E-04	5.0E-02
Chromium	3050	3/19/2011	0			5.0E-03	5.0E-02
Chrysene	8270	12/27/2005	0		U	2.1E-03	3.0E-02
Chrysene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Chrysene	8270	11/8/2006	0			9.5E-04	3.0E-02
Chrysene	8270	11/6/2007	0			1.1E-03	3.0E-02
Chrysene	8270	12/8/2008	0			2.0E-03	3.0E-02
Chrysene	8270	3/14/2009	0			1.0E-03	3.0E-02
Chrysene	8270	2/21/2010	0				3.0E-02
Chrysene	8270	3/19/2011	0			1.9E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/27/2005	0		U	1.2E-04	
cis-1,2-Dichloroethene	8260	11/8/2006	0			5.4E-04	

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
cis-1,3-Dichloropropene	8260	12/27/2005	0		U	5.0E-04	
cis-1,3-Dichloropropene	8260	11/8/2006	0			3.3E-04	
Cyanide (total)	335.2	12/27/2005	0		U	5.0E-02	
Di Isopropyl Ether	8260	12/8/2008	0			5.0E-02	
Di Isopropyl Ether	8260	3/14/2009	0			3.0E-03	
Dibenzo(a,h)anthracene	8270	12/27/2005	0		U	1.8E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/8/2006	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	12/8/2008	0			2.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	3/14/2009	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	2/21/2010	0				3.0E-02
Dibenzo(a,h)anthracene	8270	3/19/2011	0			1.9E-03	3.0E-02
Dibenzofuran	8270	12/27/2005	0	8.3E-03	J		
Dibromochloromethane	8260	12/27/2005	0		U	1.1E-04	
Dibromomethane	8260	12/27/2005	0		U	2.7E-04	
Dibromomethane	8260	11/8/2006	0			4.3E-04	
Dichlorodifluoromethane	8260	12/27/2005	0		U	5.0E-04	
Dichlorodifluoromethane	8260	11/8/2006	0			2.9E-04	
Diisopropyl ether	8260	12/27/2005	0		U	1.0E-03	
Diisopropyl Ether	8260	11/8/2006	0			4.4E-04	
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Diisopropyl Ether	8260	2/21/2010	0				
Di-Isopropyl ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert butyl Ether	8260	12/8/2008	0			5.0E-02	
Ethyl tert butyl Ether	8260	3/14/2009	0			3.0E-03	
Ethyl tert butyl Ether	8260	2/21/2010	0				
Ethyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Ethyl tert-butyl ether	8260	12/27/2005	0		U	5.0E-04	
Ethyl tert-Butyl Ether	8260	11/8/2006	0			4.4E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8260	12/27/2005	0	1.7E-02			7.5E-01
Ethylbenzene	8021	3/5/2006	0	1.3E-02			7.5E-01
Ethylbenzene	8021	6/4/2006	0	2.1E-02	Q-2		7.5E-01
Ethylbenzene	8021	9/9/2006	0	3.1E-02			7.5E-01
Ethylbenzene	8260	11/8/2006	0	5.5E-02			7.5E-01
Ethylbenzene	8021	2/25/2007	0	2.8E-02			7.5E-01
Ethylbenzene	8021	5/22/2007	0	8.3E-02			7.5E-01
Ethylbenzene	8021	9/7/2007	0	3.5E-02			7.5E-01
Ethylbenzene	8021	11/6/2007	0	8.8E-02			7.5E-01



**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	3/4/2008	0	6.7E-02			7.5E-01
Ethylbenzene	8260	6/16/2008	0	3.0E-02			7.5E-01
Ethylbenzene	8260	8/26/2008	0	6.1E-02			7.5E-01
Ethylbenzene	8260	12/8/2008	0	6.7E-02			7.5E-01
Ethylbenzene	8260	3/14/2009	0	3.8E-02			7.5E-01
Ethylbenzene	8260	2/21/2010	0	3.4E-02			7.5E-01
Ethylbenzene	8260	10/24/2010	0	3.3E-02			7.5E-01
Ethylbenzene	8260	3/19/2011	0	2.3E-02			7.5E-01
Ethylene Dibromide	8260	12/27/2005	0		U	2.1E-04	1.0E-04
Ethylene Dibromide	8260	11/8/2006	0			3.2E-04	1.0E-04
Fluoranthene	8270	12/27/2005	0		U	2.9E-03	3.0E-02
Fluoranthene	8270	3/5/2006	0		U	1.2E-03	3.0E-02
Fluoranthene	8270	11/8/2006	0			9.5E-04	3.0E-02
Fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Fluoranthene	8270	12/8/2008	0			2.0E-03	3.0E-02
Fluoranthene	8270	3/14/2009	0			1.0E-03	3.0E-02
Fluoranthene	8270	2/21/2010	0				3.0E-02
Fluoranthene	8270	3/19/2011	0			2.9E-03	3.0E-02
Fluorene	8270	12/27/2005	0	5.2E-03	J		3.0E-02
Fluorene	8270	3/5/2006	0	7.6E-03			3.0E-02
Fluorene	8270	11/8/2006	0	6.1E-03			3.0E-02
Fluorene	8270	11/6/2007	0			1.1E-03	3.0E-02
Fluorene	8270	12/8/2008	0			2.0E-03	3.0E-02
Fluorene	8270	3/14/2009	0			1.0E-03	3.0E-02
Fluorene	8270	2/21/2010	0				3.0E-02
Fluorene	8270	3/19/2011	0			5.8E-03	3.0E-02
Fluoride	300.0	12/27/2005	0	3.0E+00			1.6E+00
Hexachlorobutadiene	8260	12/27/2005	0		U	1.9E-04	
Hexachlorobutadiene	8260	11/8/2006	0			6.6E-04	
Indeno(1,2,3-cd)pyrene	8270	12/27/2005	0		U	2.2E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/5/2006	0		U	1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/8/2006	0			1.7E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	12/8/2008	0			2.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	2/21/2010	0				3.0E-02
Indeno(1,2,3-cd)pyrene	8270	3/19/2011	0			1.9E-03	3.0E-02
Isopropylbenzene	8260	12/27/2005	0	1.7E-02			
Isopropylbenzene	8260	11/8/2006	0	2.9E-02			
Lead	6010	12/27/2005	0	1.8E-02	J		5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Lead	6010	11/8/2006	0			2.2E-03	5.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Lead	6010	6/16/2008	0	3.4E-01			5.0E-02
Lead	6010	8/26/2008	0			4.0E-03	5.0E-02
Lead	6020	12/8/2008	0			1.0E-03	5.0E-02
Lead	6020	3/14/2009	0			1.0E-03	5.0E-02
Lead	6020	2/21/2010	0				5.0E-02
Lead	6010	10/24/2010	0			1.9E-03	5.0E-02
Lead	3050	3/19/2011	0			1.0E-02	5.0E-02
m,p-Xylene	8260	12/27/2005	0	4.6E-02			
m,p-Xylene	8260	6/16/2008	0	2.5E-02			
m,p-Xylene	8260	8/26/2008	0	2.7E-03			
m,p-Xylene	8260	12/8/2008	0			2.0E-02	
m,p-Xylene	8260	3/14/2009	0	2.5E-03			
m,p-Xylenes	8021	3/4/2008	0	2.7E-03			
m,p-Xylenes	8260	2/21/2010	0				
m,p-Xylenes	8260	10/24/2010	0			1.0E-03	
Methyl tert butyl Ether	8260	12/8/2008	0			5.0E-02	
Methyl tert butyl Ether	8260	3/14/2009	0			2.5E-03	
Methyl tert butyl Ether	8260	2/21/2010	0				
Methyl Tert Butyl Ether	8260	3/19/2011	0			1.0E-03	
Methyl tert-butyl ether	8260	12/27/2005	0		U	1.0E-03	
Methyl tert-Butyl Ether	8260	11/8/2006	0			3.1E-04	
Methyl tert-Butyl Ether	8260	11/6/2007	0			4.2E-04	
Methylene Chloride	8260	12/27/2005	0		Q-2	1.5E-02	1.0E-01
Methylene Chloride	8260	11/8/2006	0			2.1E-03	1.0E-01
Naphthalene	8270	12/27/2005	0	2.6E-02			3.0E-02
Naphthalene	8260	12/27/2005	0	6.7E-02			3.0E-02
Naphthalene	8270	3/5/2006	0	5.4E-02			3.0E-02
Naphthalene	8260	11/8/2006	0	1.1E-01			3.0E-02
Naphthalene	8270	11/8/2006	0	5.1E-02			3.0E-02
Naphthalene	8270	11/6/2007	0	2.5E-02			3.0E-02
Naphthalene	8270	12/8/2008	0	1.1E-02			3.0E-02
Naphthalene	8270	3/14/2009	0	6.0E-03			3.0E-02
Naphthalene	8270	2/21/2010	0				3.0E-02
Naphthalene	8270	3/19/2011	0	8.0E-03			3.0E-02
n-Butylbenzene	8260	12/27/2005	0		U	5.0E-04	
n-Butylbenzene	8260	11/8/2006	0	8.0E-03			
Nitrate (NO3 as N)	9056	12/27/2005	0	3.2E+00			1.0E+01
n-Propylbenzene	8260	12/27/2005	0	2.0E-02			

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
n-Propylbenzene	8260	11/8/2006	0	2.5E-02			
o-Xylene	8260	12/27/2005	0	1.1E-02			
o-Xylene	8021	3/4/2008	0	4.9E-03			
o-Xylene	8260	6/16/2008	0	2.0E-03			
o-Xylene	8260	8/26/2008	0	6.2E-03			
o-Xylene	8260	12/8/2008	0			1.0E-02	
o-Xylene	8260	3/14/2009	0	7.1E-03			
o-Xylene	8260	2/21/2010	0	1.8E-03			
o-Xylene	8260	10/24/2010	0	4.7E-03			
pH	150.1	12/27/2005	0	7.1E+00	H-0		
Phenanthrene	8270	12/27/2005	0	3.1E-03	J		3.0E-02
Phenanthrene	8270	3/5/2006	0	5.6E-03			3.0E-02
Phenanthrene	8270	11/8/2006	0	3.0E-03			3.0E-02
Phenanthrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	12/8/2008	0			3.0E-03	3.0E-02
Phenanthrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Phenanthrene	8270	2/21/2010	0				3.0E-02
Phenanthrene	8270	3/19/2011	0			4.8E-03	3.0E-02
p-Isopropyltoluene	8260	12/27/2005	0	6.7E-03			
p-Isopropyltoluene	8260	11/8/2006	0	6.9E-03			
Pyrene	8270	12/27/2005	0		U	2.0E-03	3.0E-02
Pyrene	8270	3/5/2006	0	1.2E-03	J		3.0E-02
Pyrene	8270	11/8/2006	0			9.5E-04	3.0E-02
Pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Pyrene	8270	12/8/2008	0			2.0E-03	3.0E-02
Pyrene	8270	3/14/2009	0			1.0E-03	3.0E-02
Pyrene	8270	2/21/2010	0				3.0E-02
Pyrene	8270	3/19/2011	0			2.9E-03	3.0E-02
sec-Butylbenzene	8260	12/27/2005	0	1.9E-02			
sec-Butylbenzene	8260	11/8/2006	0	1.9E-02			
Selenium	6010	12/27/2005	0		U	4.6E-03	5.0E-02
Selenium	6010	11/8/2006	0			8.2E-03	5.0E-02
Selenium	6010	11/6/2007	0			5.0E-03	5.0E-02
Selenium	6010	6/16/2008	0			3.0E-03	5.0E-02
Selenium	6010	8/26/2008	0			3.0E-03	5.0E-02
Selenium	6020	12/8/2008	0			1.0E-03	5.0E-02
Selenium	6020	3/14/2009	0			1.0E-03	5.0E-02
Selenium	6020	2/21/2010	0				5.0E-02
Selenium	6010	10/24/2010	0	1.3E-02			5.0E-02
Selenium	3050	3/19/2011	0			3.0E-02	5.0E-02

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Silver	6010	12/27/2005	0		U	2.5E-03	5.0E-02
Silver	6010	11/8/2006	0			1.9E-03	5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Silver	6010	6/16/2008	0			1.0E-03	5.0E-02
Silver	6010	8/26/2008	0			1.0E-03	5.0E-02
Silver	6020	12/8/2008	0			1.0E-03	5.0E-02
Silver	6020	3/14/2009	0			1.0E-03	5.0E-02
Silver	6020	2/21/2010	0				5.0E-02
Silver	6010	10/24/2010	0			6.5E-04	5.0E-02
Silver	3050	3/19/2011	0			5.0E-03	5.0E-02
Styrene	8260	12/27/2005	0		U	5.0E-04	
Styrene	8260	11/8/2006	0			3.9E-04	
Sulfate	300.0	12/27/2005	0	3.3E+02			6.0E+02
tert-amyl methyl ether	8260	12/27/2005	0		U	1.1E-04	
Tert-Amyl Methyl Ether	8260	11/8/2006	0			4.5E-04	
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
tert-Amyl methyl Ether	8260	12/8/2008	0			5.0E-02	
tert-Amyl methyl Ether	8260	3/14/2009	0			3.0E-03	
tert-Amyl methyl Ether	8260	2/21/2010	0				
Tert-Amyl Methyl Ether	8260	3/19/2011	0			1.0E-03	
tert-Butyl Alcohol	8260	12/27/2005	0		U	2.5E-03	
tert-butyl alcohol	8260	12/8/2008	0			1.0E-01	
tert-butyl alcohol	8260	3/14/2009	0	7.4E-02			
tert-butyl alcohol	8260	2/21/2010	0	4.0E-02			
Tert-Butyl Alcohol	8260	3/19/2011	0	1.1E-02			
tert-Butylbenzene	8260	12/27/2005	0		U	1.1E-04	
tert-Butylbenzene	8260	11/8/2006	0			4.0E-04	
Tertiary Butyl Alcohol	8260	11/8/2006	0			4.6E-03	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8260	12/27/2005	0	8.3E-04			7.5E-01
Toluene	8021	3/5/2006	0	5.2E-04	Q-1		7.5E-01
Toluene	8021	6/4/2006	0	2.3E-04	Q-2		7.5E-01
Toluene	8021	9/9/2006	0			5.4E-04	7.5E-01
Toluene	8260	11/8/2006	0			4.2E-04	7.5E-01
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Toluene	8021	3/4/2008	0			1.0E-03	7.5E-01
Toluene	8260	6/16/2008	0			5.0E-04	7.5E-01

**TABLE 4**  
**SUMMARY OF LABORATORY ANALYTICAL**  
**RESULTS FOR GROUNDWATER (mg/L)**

*Jal Station Diesel Remediation*

*Jal, NM*

**MW-24**

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8260	8/26/2008	0	2.3E-03			7.5E-01
Toluene	8260	12/8/2008	0			1.0E-02	7.5E-01
Toluene	8260	3/14/2009	0			5.0E-04	7.5E-01
Toluene	8260	2/21/2010	0				7.5E-01
Toluene	8260	10/24/2010	0			5.0E-04	7.5E-01
Toluene	8260	3/19/2011	0			1.0E-03	7.5E-01
Total BTEX	8021	3/4/2008	0	1.2E-01			
Total Dissolved Solids	160.1	12/27/2005	0	9.0E+02			
Total Mercury	7470	12/27/2005	0		U	2.0E-04	2.0E-03
Total Mercury	7470	11/8/2006	0			1.0E-04	2.0E-03
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Mercury	7470	6/16/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	8/26/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	12/8/2008	0			0.0E+00	2.0E-03
Total Mercury	7470	3/14/2009	0	2.0E-04			2.0E-03
Total Mercury	7470	2/21/2010	0				2.0E-03
Total Mercury	7470	10/24/2010	0			1.0E-04	2.0E-03
Total Mercury	7471	3/19/2011	0			2.0E-04	2.0E-03
Total Xylenes	8021	3/5/2006	0	4.1E-02			6.2E-01
Total Xylenes	8021	6/4/2006	0	7.5E-03	Q-2		6.2E-01
Total Xylenes	8021	9/9/2006	0	1.3E-02			6.2E-01
Total Xylenes	8260	11/8/2006	0	7.4E-03			6.2E-01
Total Xylenes	8021	2/25/2007	0	1.5E-02			6.2E-01
Total Xylenes	8021	5/22/2007	0	7.5E-03			6.2E-01
Total Xylenes	8021	9/7/2007	0	1.8E-02			6.2E-01
Total Xylenes	8021	11/6/2007	0	5.9E-03			6.2E-01
Total Xylenes	8021	3/4/2008	0	7.6E-03			6.2E-01
Total Xylenes	8260	6/16/2008	0	2.7E-02			6.2E-01
Total Xylenes	8260	8/26/2008	0	8.9E-03			6.2E-01
Total Xylenes	8260	10/24/2010	0	4.7E-03			6.2E-01
Total Xylenes	8260	3/19/2011	0	4.5E-03			6.2E-01
trans-1,2-Dichloroethene	8260	12/27/2005	0		U	1.8E-04	
trans-1,2-Dichloroethene	8260	11/8/2006	0			2.0E-04	
trans-1,3-Dichloropropene	8260	12/27/2005	0		U	5.0E-04	
trans-1,3-Dichloropropene	8260	11/8/2006	0			3.1E-04	
Trichlorofluoromethane	8260	12/27/2005	0		U	1.8E-04	
Trichlorofluoromethane	8260	11/8/2006	0			4.0E-04	
Vinyl acetate	8260	12/27/2005	0		Q-2	2.8E-04	
Vinyl Chloride	8260	12/27/2005	0		U	5.0E-04	1.0E-03
Vinyl Chloride	8260	11/8/2006	0			2.6E-04	1.0E-03

**APPENDIX A**

***Water Well Report  
(Banks Environmental Data,  
August 19, 2011)***



**BANKS**  
ENVIRONMENTAL DATA  
A DIVISION OF THE BANKS GROUP

# Water Well Report™

Friday, August 19, 2011

## CLIENT

H2A ENVIRONMENTAL, LTD.  
1862 Keller Parkway  
Keller, TX 76248

## SITE

Jal Station  
Lea County, NM  
PO #: 106.001.01  
ES #: 83072  
BISMap #: 081911-4132

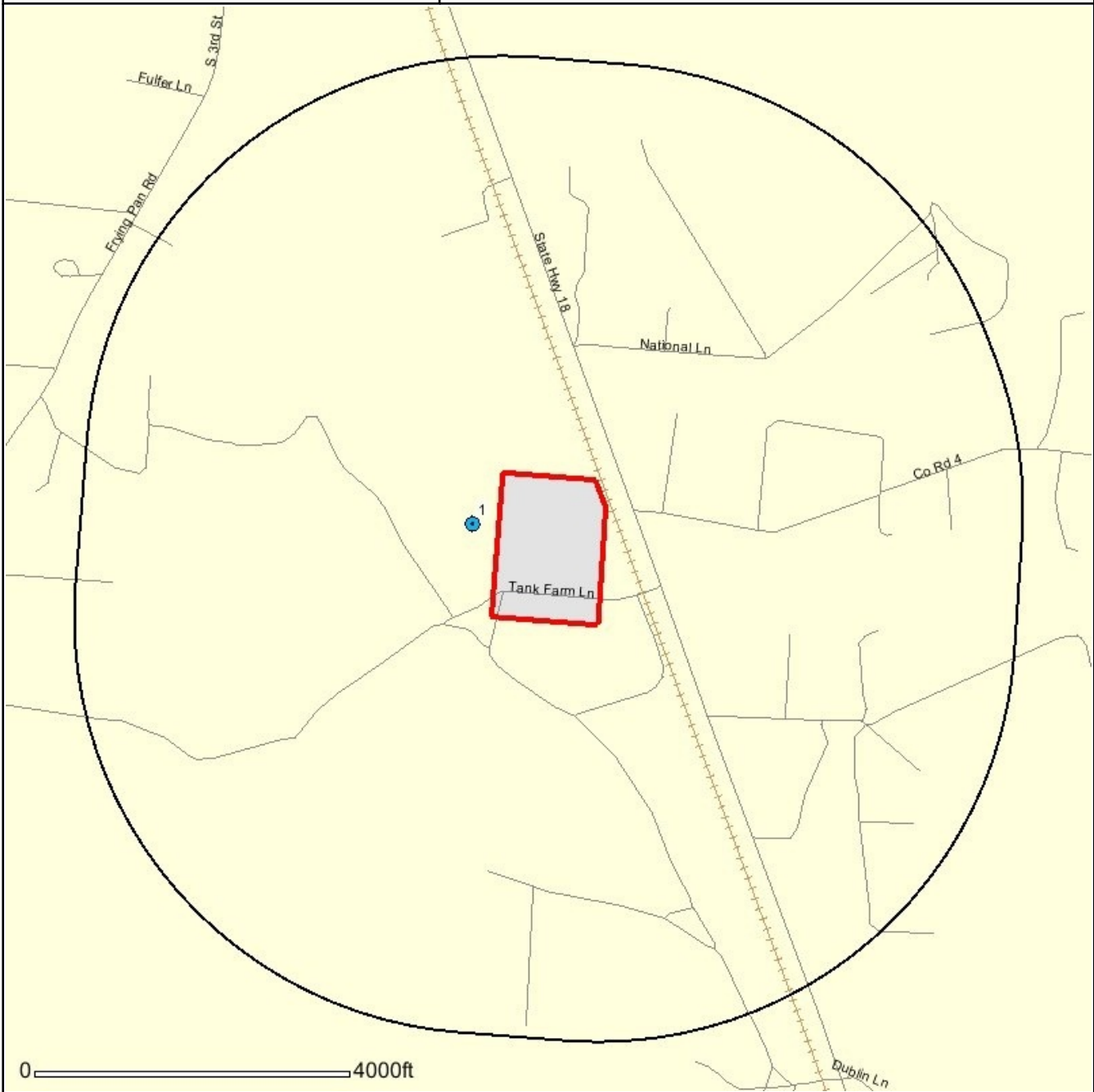
1601 Rio Grande Suite 500 Austin, Texas 78701  
PH 512.478.0059 FAX 512.478.1433 E-mail [banks@banksinfo.com](mailto:banks@banksinfo.com)



**BANKS**  
 ENVIRONMENTAL DATA  
 A DIVISION OF THE BANKS GROUP

# Water Well Report™

## Map of Wells within 1 Mile(s)



- ★ Site
- Well
- Cluster
- ~ Limited Access Hwy
- ~ Primary Highway
- ~ Secondary Highway
- ~ Roads
- ~ Railroad
- County
- State
- Urban Area
- Water Bodies

One inch = 0.4 miles

### Jal Station

Banks Environmental Data  
 1601 Rio Grande Suite 500 Austin, Texas 78701  
 PH 512-478-0059 FAX 512-478-1433  
 E-Mail: banks@banksinfo.com







# Water Well Report<sup>TM</sup>

## DETAILS

Map #	Source ID	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Status
1	177559	SHELL PIPELINE COMPANY LP	Not Reported	101	10/18/1999	-103.18167	32.08039	Active/Drilled
1	177560	SHELL PIPELINE COMPANY LP	Not Reported	96	1/29/1999	-103.18167	32.08039	Active/Drilled
1	177564	SHELL PIPELINE COMPANY LP	Not Reported	100	1/25/1999	-103.18167	32.08039	Active/Drilled
1	177562	SHELL PIPELINE COMPANY LP	Not Reported	95	1/28/1999	-103.18167	32.08039	Active/Drilled
1	177563	SHELL PIPELINE COMPANY LP	Not Reported	95	1/27/1999	-103.18167	32.08039	Active/Drilled
1	177565	SHELL PIPELINE COMPANY LP	Not Reported	102	1/27/1998	-103.18167	32.08039	Active/Drilled
1	177566	SHELL PIPELINE COMPANY LP	Not Reported	97	1/26/1999	-103.18167	32.08039	Active/Drilled

1601 Rio Grande Suite 500 Austin, Texas 78701  
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# Water Well Report™

## DISCLAIMER/DETAILS

Banks Environmental Data Water Well Report™ is prepared from existing state water well databases and/or additional file data/records research conducted at the State Engineers Office located in Santa Fe, New Mexico.

Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded with the New Mexico State Engineers Office. All mapped locations are based on information obtained from the NMSEO. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the New Mexico State Engineer regulatory authorities.

**APPENDIX B**

***Onsite Water Well  
Analytical Data with Chain  
Of Custody Documentation***

# ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374

Sample Type: Water  
Sample Condition: Intact/ 3.5 deg C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: See Below

ELT#	FIELD CODE	pH s.u.	Nitrite-N mg/L	Nitrate-N mg/L	Fluoride mg/L	Hardness as CaCO3 mg/L	Ortho Phosphate mg/L
0202353-01	Well Water	7.37	ND	ND	2.54	550	0.194
	REPORT LIMIT	NA	0.001	0.500	0.020	25.0	0.045
	QUALITY CONTROL	7.16	0.095	9.00	0.870	NA	0.978
	TRUE VALUE	7.00	0.100	10.0	1.00	NA	1.00
	% INSTRUMENT ACCURACY	102	95	90	87	NA	98
	BLANK	NA	<0.001	<0.500	<0.020	<25.0	<0.045
	RPD	0.255	0.00	0.00	0.784	0.00	2.54
	ANALYSIS DATE	01/10	01/09	01/09	01/10	01/10	01/10

METHODS: EPA 150.1, 354.1, 353.3, 340.1, 130.2, 365.4



Celey D. Keene  
Raland K. Tuttle

1-19-02  
Date

# ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374

Sample Type: Water  
Sample Condition: Intact/ Iced/ HNO3/ 3.5 Deg. C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

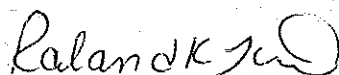
Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: See Below

TOTAL METALS (mg/L)

ELT#	Field Code	Ag	As	Be	Cd	Cr	Cu	Ni	Pb
0202353-01	Water Well	0.008	0.023	ND	0.002	0.013	0.038	0.092	0.015
	REPORT LIMIT	0.002	0.008	0.001	0.001	0.002	0.002	0.006	0.011
	QUALITY CONTROL	1.02	1.01	1.07	1.01	0.980	1.00	1.02	0.995
	TRUE VALUE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	% INSTRUMENT ACCURACY	102	101	107	101	98	100	102	100
	SPIKED AMOUNT	1.00	0.200	1.00	0.200	1.00	1.00	1.00	1.00
	ORIGINAL SAMPLE	<0.002	<0.008	<0.001	<0.001	<0.002	<0.002	<0.006	<0.011
	SPIKE	1.00	0.226	1.04	0.211	0.946	0.962	1.01	0.967
	SPIKE DUP	1.01	0.229	1.03	0.213	0.958	0.964	1.00	0.978
	% EXTRACTION ACCURACY	100	113	103	106	95	96	100	97
	BLANK	<0.002	<0.008	<0.001	<0.001	<0.002	<0.002	<0.006	<0.011
	RPD	1.19	1.40	0.29	0.66	1.28	0.17	0.73	1.09
	ANALYSIS DATE	01/09	01/09	01/11	01/09	01/09	01/11	01/11	01/09

ND= Not detected at report limit.

METHODS: EPA SW 846- 3005, 6010B



Celey D. Keene  
Raland K. Tuttle

1-18-02  
Date

# ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374


Sample Type: Water  
Sample Condition: Intact/ Iced/ HNO3/ 3.5 Deg. C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: See Below

ELT#	Field Code	TOTAL METALS (mg/L)			
		Sb	Se	Tl	Zn
0202353-01	Water Well	0.015	0.027	0.020	0.029
REPORT LIMIT		0.012	0.004	0.009	0.001
QUALITY CONTROL		1.00	0.995	1.03	1.07
TRUE VALUE		1.00	1.00	1.00	1.00
% INSTRUMENT ACCURACY		100	100	103	107
SPIKED AMOUNT		1.00	0.200	1.00	1.00
ORIGINAL SAMPLE		<0.012	<0.004	<0.009	<0.001
SPIKE		0.995	0.238	0.939	1.08
SPIKE DUP		0.978	0.231	0.956	1.07
% EXTRACTION ACCURACY		98	115	96	107
BLANK		<0.012	<0.004	<0.009	<0.001
RPD		1.68	3.28	1.79	1.03
ANALYSIS DATE		01/11	01/09	01/11	01/11

ND= Not detected at report limit.

METHODS: EPA SW 846- 3005, 6010B

  
\_\_\_\_\_  
Celey D. Keene  
Raland K. Tuttle

1-18-02  
Date

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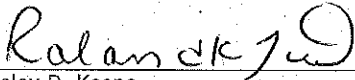
H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374

Sample Type: Water  
Sample Condition: Intact/ 3.5 deg C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: See Below

ELT#	FIELD CODE	Carbonate mg/L	Bicarbonate mg/L	Chloride mg/L	Sulfate mg/L	Bromide mg/L	TDS mg/L
0202353-01	Well Water	<0.100	283	80	364	<1.00	943
	REPORT LIMIT	0.100	2.00	5.00	0.500	1.00	5.00
	QUALITY CONTROL	0.020	0.020	5050	50.5	11.0	NA
	TRUE VALUE	0.020	0.020	5000	50.0	10.0	NA
	% INSTRUMENT ACCURACY	100	100	101	101	110	NA
	SPIKED AMOUNT	NA	NA	125	NA	NA	NA
	ORIGINAL SAMPLE	NA	NA	49	NA	NA	NA
	SPIKE	NA	NA	175	NA	NA	NA
	SPIKE DUP	NA	NA	175	NA	NA	NA
	% EXTRACTION ACCURACY	NA	NA	101	NA	NA	NA
	BLANK	<0.100	<2.00	<5.00	<0.500	<1.00	<5.00
	RPD	0.600	0.600	0.00	1.63	0.00	0.924
	ANALYSIS DATE	01/11/02	01/11/02	01/10/02	01/10/02	01/12/02	01/10/02

METHODS: EPA 375.4, 310.1, 160.1, SW 846-9253, 9056

  
\_\_\_\_\_  
Celey D. Keene  
Ralanda K. Tuttle

1-18-02  
Date

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"Don't Treat Your Soil Like Dirt!"

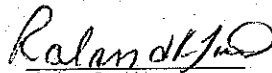
H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374

Sample Type: Water  
Sample Condition: Intact/ 3.5 deg C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: 01/08 - 01/10/02

ELT#	FIELD CODE	Total Coliform Presence/ Absence
0202353-01	Well Water	Absence

Method: SM 908A

  
Celey D. Keene  
Rand K. Tuttle

1-18-02  
Date



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"Don't Treat Your Soil Like Dirt!"

H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374

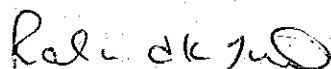
Sample Type: Water  
Sample Condition: Intact/ Iced/ HNO<sub>3</sub>/ 3,5 deg C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: 01/14/02

ELT#	FIELD CODE	Ca mg/L	K mg/L	Mg mg/L	Na mg/L
0202353-01	Well Water	67.2	8.36	37.4	196

REPORT LIMIT	0.01	0.05	0.001	0.01
QUALITY CONTROL	1.81	2.16	1.71	2.10
TRUE VALUE	2.00	2.00	2.00	2.00
% INSTRUMENT ACCURACY	91	108	86	105
SPIKED AMOUNT	1.00	1.00	1.00	1.00
ORIGINAL SAMPLE	<0.01	<0.05	<0.001	<0.01
SPIKE	0.988	0.907	1.11	0.915
SPIKE DUP	0.987	0.930	1.10	0.915
% EXTRACTION ACCURACY	99	93	110	92
BLANK	<0.01	<0.05	<0.001	<0.01
RPD	0.13	2.46	0.90	0.04

METHODS: SW846-6010B



Celey D. Keene  
Ralend K. Tuttle

1-18-02  
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H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374

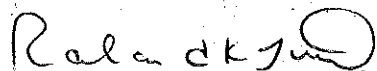
SampleType: Water  
Sample Condition: Intact/ Iced/ 3.5 deg. C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: See Below  
Field Code: Well Water

PESTICIDES/ HERBICIDES (mg/L)	REPORT LIMIT	ELT# 0202353-01	RPD	%EA	%IA	ANALYSIS DATE
2,4-D	0.00472	ND	6.04	78	77	01/16/02
2, 4, 5-T	0.00047	ND	6.21	90	87	01/16/02
2,4,5-TP	0.00047	ND	6.47	86	82	01/16/02
Dalapon	0.00943	ND	118.66#	17	64	01/16/02
2,4-DB	0.00472	ND	5.64	95	92	01/16/02
Dicamba	0.00047	ND	3.81	86	83	01/16/02
Dichloroprop	0.00472	ND	5.03	94	91	01/16/02
Dinoseb	0.00236	ND	50.80	71	58	01/16/02
Aldrin	0.00005	ND	8.55	56	65	01/13/02
a-BHC	0.00005	ND			63	01/13/02
b-BHC	0.00005	ND			64	01/13/02
d-BHC	0.00005	ND			61	01/13/02
g-BHC, Lindane	0.00005	ND	6.90	56	65	01/13/02
4, 4'-DDD	0.00010	ND			72	01/13/02
4, 4'-DDE	0.00010	ND			65	01/13/02
4, 4'-DDT	0.00010	ND	7.02	55	63	01/13/02
Dieldrin	0.00010	ND	6.78	57	66	01/13/02
Endosulfan I	0.00005	ND			72	01/13/02
Endosulfan II	0.00010	ND			88	01/13/02
Endosulfan sulfate	0.00010	ND			71	01/13/02
Endrin	0.00010	ND	10.00	57	64	01/13/02
Endrin Aldehyde	0.00010	ND			70	01/13/02
Endrin Ketone	0.00010	ND			64	01/13/02
Heptachlor	0.00005	ND		55	64	01/13/02
Heptachlor Epoxide	0.00005	ND			62	01/13/02
Methoxychlor	0.00010	ND			75	01/13/02
Toxaphene	0.00500	ND			76	01/13/02
alpha-Chlordane	0.00005	ND			64	01/13/02
gamma-Chlordane	0.00005	ND			67	01/13/02

ND = Not detected at report limit

Method: EPA SW 846-8081A, 3550, 8151A



Celey D. Keene  
Raland K. Tuttle

1-19-02  
Date

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H2A ENVIRONMENTAL  
ATTN: JOHN SAVOIE  
418 SAN SABA  
PORTLAND, TEXAS 78374

Sample Type: Water  
Sample Condition: Intact/ Iced/ 3.5 deg C  
Project Name: Station Well  
Project #: 106.005  
Project Location: Jal Station

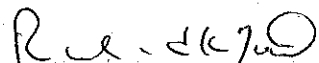
Sampling Date: 01/08/02  
Receiving Date: 01/08/02  
Analysis Date: 01/14/02  
Field Code: Well Water  
ELT#: 0202353-01

Analyte (mg/L) PCB's	Well Water Results	Report Limit	%IA	%EA	RPD
Aroclor 1016	ND	0.00050	94	94	0.64
Aroclor 1221	ND	0.00100			
Aroclor 1232	ND	0.00050			
Aroclor 1242	ND	0.00050			
Aroclor 1248	ND	0.00050			
Aroclor 1254	ND	0.00050			
Aroclor 1260	ND	0.00050	88	84	4.30

Surrogate	% Recovery	Target Range
pcb surr-TCMX	92	45-107
8082 Surr DCB's	85	10-110

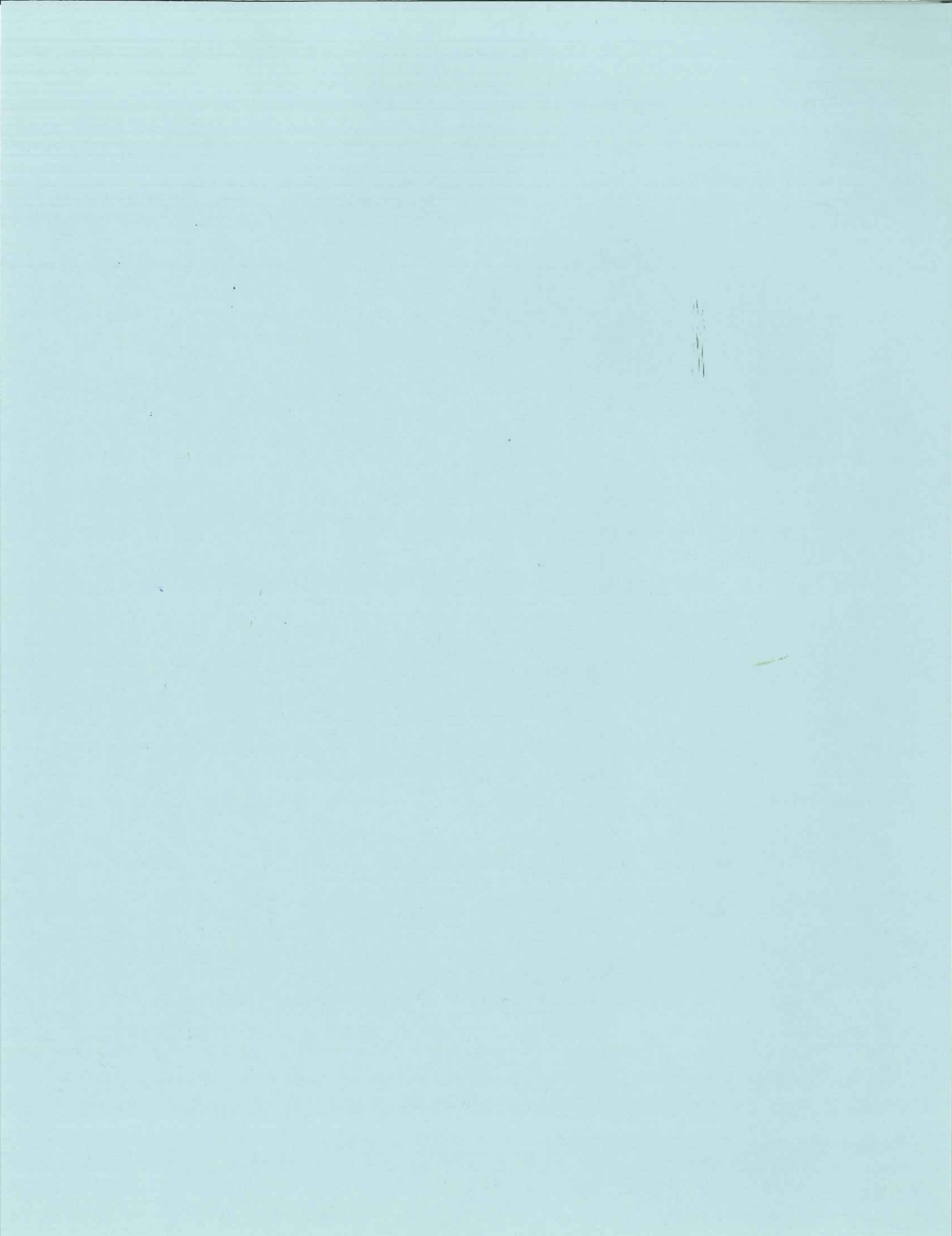
ND= Not detected at reporting limit

Method: EPA SW 846-3510/ 608, 8082

  
Celey D. Keene  
Raland K. Tuttle

1-19-02  
Date





# ANALYTICAL REPORT

## Prepared for:

Theresa Nix  
H2A Environmental  
418 San Saba  
Portland, TX 78374

**Project:** Station Well  
**Order#:** G0203246  
**Report Date:** 05/04/2002

### Certificates

US EPA Laboratory Code TX00158

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# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

H2A Environmental  
418 San Saba  
Portland, TX 78374  
361-777-0971

Order#: G0203246  
Project: 106.005  
Project Name: Station Well  
Location: Jal Station

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0203246-01	Water Well	WATER	5/1/02 8:00	5/1/02 12:50	See COC	See COC
	<u>Lab Testing:</u>	Rejected: No		Temp: 2.0 C		
	8260B Volatiles List					
	Cyanide, Total					
	Turbidity					

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# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

Theresa Nix  
 H2A Environmental  
 418 San Saba  
 Portland, TX 78374

Order#: G0203246  
 Project: 106.005  
 Project Name: Station Well  
 Location: Jal Station

Lab-ID: 0203246-01  
 Sample-ID: Water Well

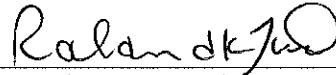
<u>Date Collected</u>	<u>Date Received</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Matrix</u>	<u>Sample Amount</u>	<u>Dilution Factor</u>	<u>Analyst</u>	<u>Method</u>	<u>Method Blank</u>
5/1/02 8:00	5/1/02 12:50		5/2/02 19:41	WATER	5	1	CK	8260B	0001550-02

### 8260B Volatiles List

Parameter	Result µg/L	RL	Parameter	Result µg/L	RL
Dichlorodifluoromethane	<1.00	1.00	Chlorobenzene	<1.00	1.00
Chloromethane	<1.00	1.00	1,1,1,2-Tetrachloroethane	<1.00	1.00
Vinyl chloride	<1.00	1.00	Ethylbenzene	<1.00	1.00
Bromomethane	<1.00	1.00	m,p-Xylene	<1.00	1.00
Chloroethane	<1.00	1.00	o-Xylene	<1.00	1.00
Trichlorofluoromethane	<1.00	1.00	Styrene	<1.00	1.00
1,1-Dichloroethene	<1.00	1.00	Bromoform	<1.00	1.00
Acetone	<1.00	1.00	trans-1,4-Dichloro-2-butene	<1.00	1.00
Iodomethane	<1.00	1.00	Isopropylbenzene	<1.00	1.00
Carbon disulfide	<1.00	1.00	1,2,3-Trichloropropane	<1.00	1.00
Methylene chloride	<1.00	1.00	1,1,2,2-Tetrachloroethane	<1.00	1.00
MTBE	<1.00	1.00	Bromobenzene	<1.00	1.00
trans-1,2-dichloroethylene	<1.00	1.00	n-Propylbenzene	<1.00	1.00
Acrylonitrile	<1.00	1.00	2-Chlorotoluene	<1.00	1.00
1,1-Dichloroethane	<1.00	1.00	1,3,5-Trimethylbenzene	<1.00	1.00
Vinyl acetate	<1.00	1.00	4-Chlorotoluene	<1.00	1.00
cis-1,2-Dichloroethene	<1.00	1.00	tert-Butylbenzene	<1.00	1.00
2-Butanone (MEK)	<1.00	1.00	1,2,4-Trimethylbenzene	<1.00	1.00
Bromochloromethane	<1.00	1.00	sec-Butylbenzene	<1.00	1.00
Chloroform	<1.00	1.00	1,3-Dichlorobenzene	<1.00	1.00
1,1,1-Trichloroethane	<1.00	1.00	p-Isopropyltoluene	<1.00	1.00
2,2-Dichloropropane	<1.00	1.00	1,4-Dichlorobenzene	<1.00	1.00
Carbon tetrachloride	<1.00	1.00	n-Butylbenzene	<1.00	1.00
1,1-Dichloropropene	<1.00	1.00	1,2-Dichlorobenzene	<1.00	1.00
1,2-Dichloroethane	<1.00	1.00	1,2-Dibromo-3-chloropropane	<1.00	1.00
Benzene	<1.00	1.00	1,2,4-Trichlorobenzene	<1.00	1.00
Trichloroethene	<1.00	1.00	Hexachlorobutadiene	<1.00	1.00
1,2-Dichloropropane	<1.00	1.00	Naphthalene	<1.00	1.00
Dibromomethane	<1.00	1.00	1,2,3-Trichlorobenzene	<1.00	1.00
Bromodichloromethane	<1.00	1.00			
2-Chloroethyl vinyl ether	<1.00	1.00			
cis-1,3-Dichloropropene	<1.00	1.00			
4-Methyl-2-pentanone	<1.00	1.00			
Toluene	<1.00	1.00			
trans-1,3-Dichloropropene	<1.00	1.00			
1,1,2-Trichloroethane	<1.00	1.00			
2-Hexanone	<1.00	1.00			
Tetrachloroethene	<1.00	1.00			
1,3-Dichloropropane	<1.00	1.00			
Dibromochloromethane	<1.00	1.00			
1,2-Dibromoethane	<1.00	1.00			

Surrogates	% Recovered	QC Limits (%)	
Dibromofluoromethane	120%	53	144
1,2-dichloroethane-d4	82%	57	147
Toluene-d8	101%	64	128
4-Bromofluorobenzene	87%	47	158

RL = Reporting Limit

Approval:  5-5-02  
 Ralanda K. Tuttle, Lab Director, QA Officer      Date  
 Celey D. Keene, Org. Tech. Director



# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

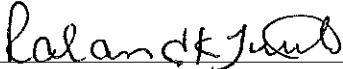
Theresa Nix  
H2A Environmental  
418 San Saba  
Portland, TX 78374

Order#: G0203246  
Project: 106.005  
Project Name: Station Well  
Location: Jal Station

Lab ID: 0203246-01  
Sample ID: Water Well

### *Test Parameters*

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution</u> <u>Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date</u> <u>Analyzed</u>	<u>Analyst</u>
Cyanide, Total	<0.09	mg/L	1	0.09	9014	5/3/02	CC
Turbidity	1.00	NTU	1	1.0	180.1	5/3/02	SB

Approval:  5-5-02  
Raland K. Tuttle, Lab Director, QA Officer      Date  
Celey D. Keene, Org. Tech. Director  
Jeanne McMurrey, Inorg. Tech. Director  
Sandra Biezugbe, Lab Tech.  
Sara Molina, Lab Tech.

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

### 8260B Volatiles List

Order#: G0203246

<b>BLANK</b>	<b>WATER</b>	<b>LAB-ID #</b>	<b>Sample Concentr.</b>	<b>Spike Concentr.</b>	<b>QC Test Result</b>	<b>Pct (%) Recovery</b>	<b>RPD</b>
Dichlorodifluoromethane-µg/L		0001550-02			<1.00		
Chloromethane-µg/L		0001550-02			<1.00		
Vinyl chloride-µg/L		0001550-02			<1.00		
Bromomethane-µg/L		0001550-02			<1.00		
Chloroethane-µg/L		0001550-02			<1.00		
Trichlorofluoromethane-µg/L		0001550-02			<1.00		
1,1-Dichloroethene-µg/L		0001550-02			<1.00		
Acetone-µg/L		0001550-02			<1.00		
Iodomethane-µg/L		0001550-02			<1.00		
Carbon disulfide-µg/L		0001550-02			<1.00		
Methylene chloride-µg/L		0001550-02			<1.00		
MTBE-µg/L		0001550-02			<1.00		
trans-1,2-dichloroethylene-µg/L		0001550-02			<1.00		
Acrylonitrile-µg/L		0001550-02			<1.00		
1,1-Dichloroethane-µg/L		0001550-02			<1.00		
Vinyl acetate-µg/L		0001550-02			<1.00		
cis-1,2-Dichloroethene-µg/L		0001550-02			<1.00		
2-Butanone (MEK)-µg/L		0001550-02			<1.00		
Bromochloromethane-µg/L		0001550-02			<1.00		
Chloroform-µg/L		0001550-02			<1.00		
1,1,1-Trichloroethane-µg/L		0001550-02			<1.00		
2,2-Dichloropropane-µg/L		0001550-02			<1.00		
Carbon tetrachloride-µg/L		0001550-02			<1.00		
1,1-Dichloropropene-µg/L		0001550-02			<1.00		
1,2-Dichloroethane-µg/L		0001550-02			<1.00		
Benzene-µg/L		0001550-02			<1.00		
Trichloroethene-µg/L		0001550-02			<1.00		
1,2-Dichloropropane-µg/L		0001550-02			<1.00		
Dibromomethane-µg/L		0001550-02			<1.00		
Bromodichloromethane-µg/L		0001550-02			<1.00		
2-Chloroethyl vinyl ether-µg/L		0001550-02			<1.00		
cis-1,3-Dichloropropene-µg/L		0001550-02			<1.00		
4-Methyl-2-pentanone-µg/L		0001550-02			<1.00		
Toluene-µg/L		0001550-02			<1.00		
trans-1,3-Dichloropropene-µg/L		0001550-02			<1.00		
1,1,2-Trichloroethane-µg/L		0001550-02			<1.00		
2-Hexanone-µg/L		0001550-02			<1.00		
Tetrachloroethene-µg/L		0001550-02			<1.00		
1,3-Dichloropropane-µg/L		0001550-02			<1.00		
Dibromochloromethane-µg/L		0001550-02			<1.00		

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

<b>BLANK</b>		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
WATER							
1,2-Dibromoethane-µg/L		0001550-02			<1.00		
Chlorobenzene-µg/L		0001550-02			<1.00		
1,1,1,2-Tetrachloroethane-µg/L		0001550-02			<1.00		
EthylBenzene-µg/L		0001550-02			<1.00		
m,p-Xylene-µg/L		0001550-02			<1.00		
o-Xylene-µg/L		0001550-02			<1.00		
Styrene-µg/L		0001550-02			<1.00		
Bromoform-µg/L		0001550-02			<1.00		
trans-1,4-Dichloro-2-butene-µg/L		0001550-02			<1.00		
Isopropylbenzene-µg/L		0001550-02			<1.00		
1,2,3-Trichloropropane-µg/L		0001550-02			<1.00		
1,1,1,2-Tetrachloroethane-µg/L		0001550-02			<1.00		
Bromobenzene-µg/L		0001550-02			<1.00		
n-Propylbenzene-µg/L		0001550-02			<1.00		
2-Chlorotoluene-µg/L		0001550-02			<1.00		
1,3,5-Trimethylbenzene-µg/L		0001550-02			<1.00		
4-Chlorotoluene-µg/L		0001550-02			<1.00		
tert-Butylbenzene-µg/L		0001550-02			<1.00		
1,2,4-Trimethylbenzene-µg/L		0001550-02			<1.00		
sec-Butylbenzene-µg/L		0001550-02			<1.00		
1,3-Dichlorobenzene-µg/L		0001550-02			<1.00		
p-Isopropyltoluene-µg/L		0001550-02			<1.00		
1,4-Dichlorobenzene-µg/L		0001550-02			<1.00		
n-Butylbenzene-µg/L		0001550-02			<1.00		
1,2-Dichlorobenzene-µg/L		0001550-02			<1.00		
1,2-Dibromo-3-chloropropane-µg/L		0001550-02			<1.00		
1,2,4-Trichlorobenzene-µg/L		0001550-02			<1.00		
Hexachlorobutadiene-µg/L		0001550-02			<1.00		
Naphthalene-µg/L		0001550-02			<1.00		
1,2,3-Trichlorobenzene-µg/L		0001550-02			<1.00		
<b>CONTROL</b>		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
WATER							
Vinyl chloride-µg/L		0001550-03		50	49	98.0%	
1,1-Dichloroethene-µg/L		0001550-03		50	54	108.0%	
2-Butanone (MEK)-µg/L		0001550-03		100	123	123.0%	
Chloroform-µg/L		0001550-03		50	66.8	133.6%	
Carbon tetrachloride-µg/L		0001550-03		50	47.6	95.2%	
1,2-Dichloroethane-µg/L		0001550-03		50	54.6	109.2%	
Benzene-µg/L		0001550-03		50	66.2	132.4%	
Trichloroethene-µg/L		0001550-03		50	39.1	78.2%	
Tetrachloroethene-µg/L		0001550-03		50	40.5	81.0%	
Chlorobenzene-µg/L		0001550-03		50	58.6	117.2%	

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

<b>CONTROL</b> WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
1,4-Dichlorobenzene-µg/L	0001550-03		50	52.1	104.2%	
<b>CONTROL DUP</b> WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Vinyl chloride-µg/L	0001550-04		50	46.9	93.8%	4.4%
1,1-Dichloroethene-µg/L	0001550-04		50	52.8	105.6%	2.2%
2-Butanone (MEK)-µg/L	0001550-04		100	116	116.0%	5.9%
Chloroform-µg/L	0001550-04		50	63.9	127.8%	4.4%
Carbon tetrachloride-µg/L	0001550-04		50	47.7	95.4%	0.2%
1,2-Dichloroethane-µg/L	0001550-04		50	51.1	102.2%	6.6%
Benzene-µg/L	0001550-04		50	62.1	124.2%	6.4%
Trichloroethene-µg/L	0001550-04		50	37.8	75.6%	3.4%
Tetrachloroethene-µg/L	0001550-04		50	37.8	75.6%	6.9%
Chlorobenzene-µg/L	0001550-04		50	57.6	115.2%	1.7%
1,4-Dichlorobenzene-µg/L	0001550-04		50	51.8	103.6%	0.6%
<b>SRM</b> WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Dichlorodifluoromethane-µg/L	0001550-05		50	39	78.0%	
Chloromethane-µg/L	0001550-05		50	47.2	94.4%	
Vinyl chloride-µg/L	0001550-05		50	58	116.0%	
Bromomethane-µg/L	0001550-05		50	50.7	101.4%	
Chloroethane-µg/L	0001550-05		50	61.9	123.8%	
Trichlorofluoromethane-µg/L	0001550-05		50	44.1	88.2%	
1,1-Dichloroethene-µg/L	0001550-05		50	52.8	105.6%	
Acetone-µg/L	0001550-05		50	50.3	100.6%	
Iodomethane-µg/L	0001550-05		50	48.8	97.6%	
Carbon disulfide-µg/L	0001550-05		50	60.4	120.8%	
Methylene chloride-µg/L	0001550-05		50	53.7	107.4%	
MTBE-µg/L	0001550-05		50	62.8	125.6%	
trans-1,2-dichloroethylene-µg/L	0001550-05		50	54	108.0%	
Acrylonitrile-µg/L	0001550-05		50	60.7	121.4%	
1,1-Dichloroethane-µg/L	0001550-05		50	54	108.0%	
Vinyl acetate-µg/L	0001550-05		50	50.5	101.0%	
cis-1,2-Dichloroethene-µg/L	0001550-05		50	52.6	105.2%	
2-Butanone (MEK)-µg/L	0001550-05		50	55.9	111.8%	
Bromochloromethane-µg/L	0001550-05		50	54.8	109.6%	
Chloroform-µg/L	0001550-05		50	49.6	99.2%	
1,1,1-Trichloroethane-µg/L	0001550-05		50	44.6	89.2%	
2,2-Dichloropropane-µg/L	0001550-05		50	43.8	87.6%	
Carbon tetrachloride-µg/L	0001550-05		50	45	90.0%	
1,1-Dichloropropene-µg/L	0001550-05		50	52.2	104.4%	
1,2-Dichloroethane-µg/L	0001550-05		50	40.4	80.8%	
Benzene-µg/L	0001550-05		50	55.5	111.0%	

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

<b>SRM</b>	<b>WATER</b>	<b>LAB-ID #</b>	<b>Sample Concentr.</b>	<b>Spike Concentr.</b>	<b>QC Test Result</b>	<b>Pct (%) Recovery</b>	<b>RPD</b>
Trichloroethene-µg/L		0001550-05		50	46.3	92.6%	
1,2-Dichloropropane-µg/L		0001550-05		50	54.7	109.4%	
Dibromomethane-µg/L		0001550-05		50	48.5	97.0%	
Bromodichloromethane-µg/L		0001550-05		50	46.6	93.2%	
2-Chloroethyl vinyl ether-µg/L		0001550-05		50	69.2	138.4%	
cis-1,3-Dichloropropene-µg/L		0001550-05		50	54.5	109.0%	
4-Methyl-2-pentanone-µg/L		0001550-05		50	52	104.0%	
Toluene-µg/L		0001550-05		50	48.5	97.0%	
trans-1,3-Dichloropropene-µg/L		0001550-05		50	49.5	99.0%	
1,1,2-Trichloroethane-µg/L		0001550-05		50	48.5	97.0%	
2-Hexanone-µg/L		0001550-05		50	50.9	101.8%	
Tetrachloroethene-µg/L		0001550-05		50	45	90.0%	
1,3-Dichloropropane-µg/L		0001550-05		50	53.6	107.2%	
Dibromochloromethane-µg/L		0001550-05		50	50.3	100.6%	
1,2-Dibromoethane-µg/L		0001550-05		50	49.6	99.2%	
Chlorobenzene-µg/L		0001550-05		50	51.3	102.6%	
1,1,1,2-Tetrachloroethane-µg/L		0001550-05		50	48.1	96.2%	
Ethylbenzene-µg/L		0001550-05		50	49.2	98.4%	
m,p-Xylene-µg/L		0001550-05		100	95.9	95.9%	
o-Xylene-µg/L		0001550-05		50	47.4	94.8%	
Styrene-µg/L		0001550-05		50	48.6	97.2%	
Bromoform-µg/L		0001550-05		50	49.4	98.8%	
trans-1,4-Dichloro-2-butene-µg/L		0001550-05		50	54	108.0%	
Isopropylbenzene-µg/L		0001550-05		50	48.2	96.4%	
1,2,3-Trichloropropane-µg/L		0001550-05		50	64.8	129.6%	
1,1,2,2-Tetrachloroethane-µg/L		0001550-05		50	55.8	111.6%	
Bromobenzene-µg/L		0001550-05		50	52.8	105.6%	
n-Propylbenzene-µg/L		0001550-05		50	50.7	101.4%	
2-Chlorotoluene-µg/L		0001550-05		50	46.8	93.6%	
1,3,5-Trimethylbenzene-µg/L		0001550-05		50	48.1	96.2%	
4-Chlorotoluene-µg/L		0001550-05		50	48.6	97.2%	
tert-Butylbenzene-µg/L		0001550-05		50	52.6	105.2%	
1,2,4-Trimethylbenzene-µg/L		0001550-05		50	49.1	98.2%	
sec-Butylbenzene-µg/L		0001550-05		50	50.9	101.8%	
1,3-Dichlorobenzene-µg/L		0001550-05		50	51.9	103.8%	
p-Isopropyltoluene-µg/L		0001550-05		50	52.6	105.2%	
1,4-Dichlorobenzene-µg/L		0001550-05		50	53	106.0%	
n-Butylbenzene-µg/L		0001550-05		50	53.3	106.6%	
1,2-Dichlorobenzene-µg/L		0001550-05		50	51	102.0%	
1,2-Dibromo-3-chloropropane-µg/L		0001550-05		50	49.6	99.2%	
1,2,4-Trichlorobenzene-µg/L		0001550-05		50	58.5	117.0%	
Hexachlorobutadiene-µg/L		0001550-05		50	62	124.0%	

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# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

<b>SRM</b>		<b>LAB-ID #</b>	<b>Sample Concentr.</b>	<b>Spike Concentr.</b>	<b>QC Test Result</b>	<b>Pct (%) Recovery</b>	<b>RPD</b>
	<b>WATER</b>						
Naphthalene- $\mu\text{g/L}$		0001550-05		50	50.9	101.8%	
1,2,3-Trichlorobenzene- $\mu\text{g/L}$		0001550-05		50	52	104%	

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

### Test Parameters

Order#: G0203246

<b>BLANK</b>		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Cyanide, Total-mg/L		0001573-01			<0.09		
Turbidity-NTU		0001583-01			<1.00		
<b>CONTROL</b>		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Cyanide, Total-mg/L		0001573-02		0.1	0.105	105.%	
<b>CONTROL DUP</b>		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Cyanide, Total-mg/L		0001573-03		0.1	0.108	108.%	2.8%
<b>DUPLICATE</b>		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Cyanide, Total-mg/L		0203246-01	0		<0.09		0.%
Turbidity-NTU		0203246-01	1		1.00		0.%
<b>SRM</b>		LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	WATER						
Cyanide, Total-mg/L		0001573-04		1	0.96	96.%	
Turbidity-NTU		0001583-04		1	1.00	100.%	





**APPENDIX C**

***Results of LNAPL Fingerprint and  
Physical Properties Analyses***

***September 2009 by  
Torkelson Geochemistry, Inc.***

***&***

***April 2011 by  
Shell Projects & Technology – HSE Services***

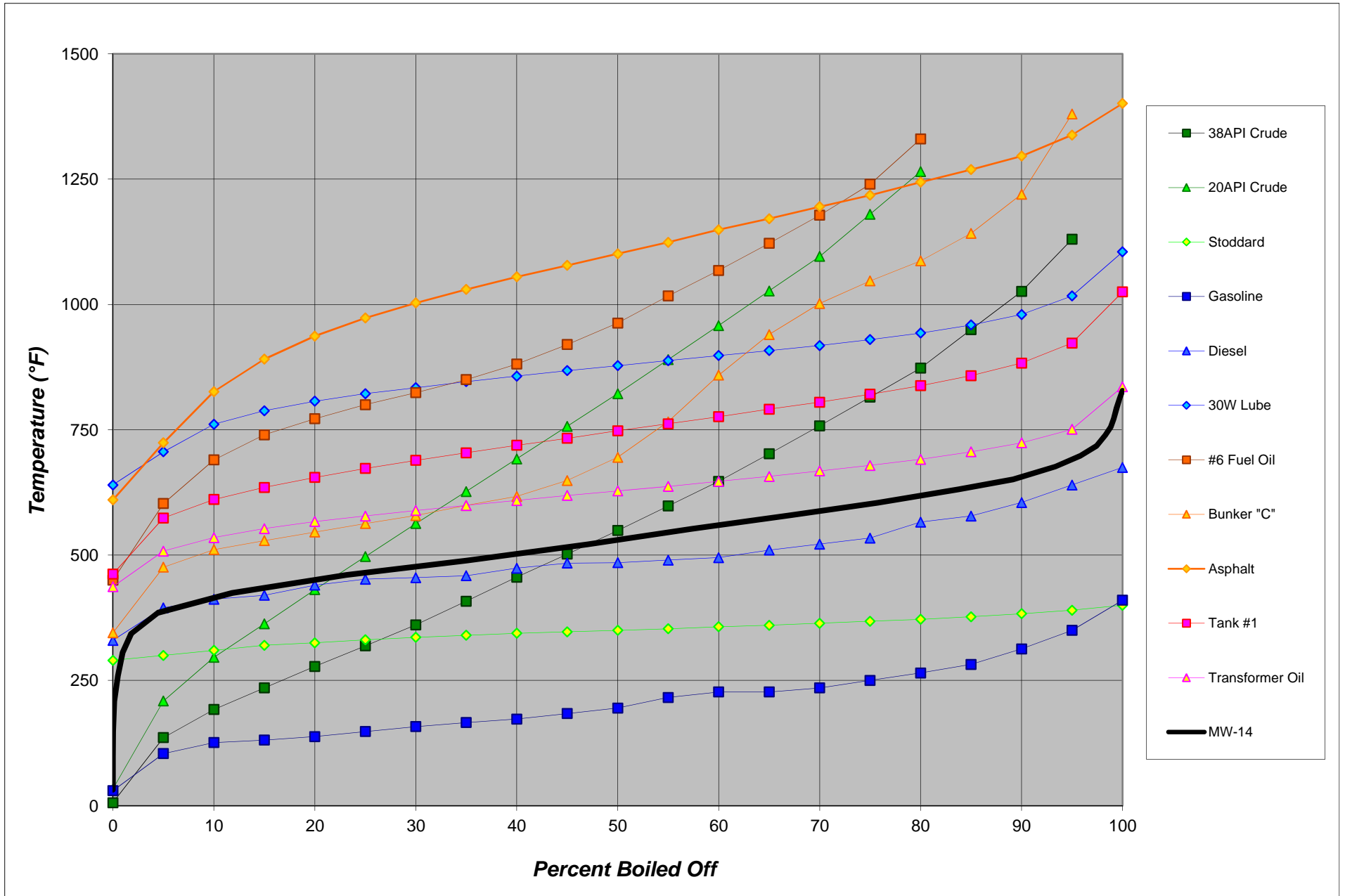


**Figure C-1. MW-14 Simulated Distillation Curve**

Technical Infeasibility Proposal

Jal Basin Station

Jal, Lea County, New Mexico

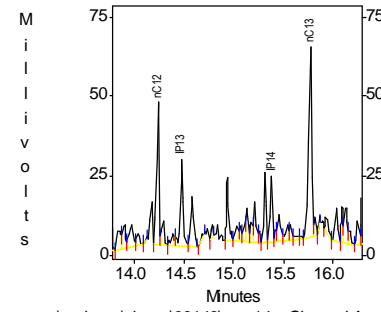
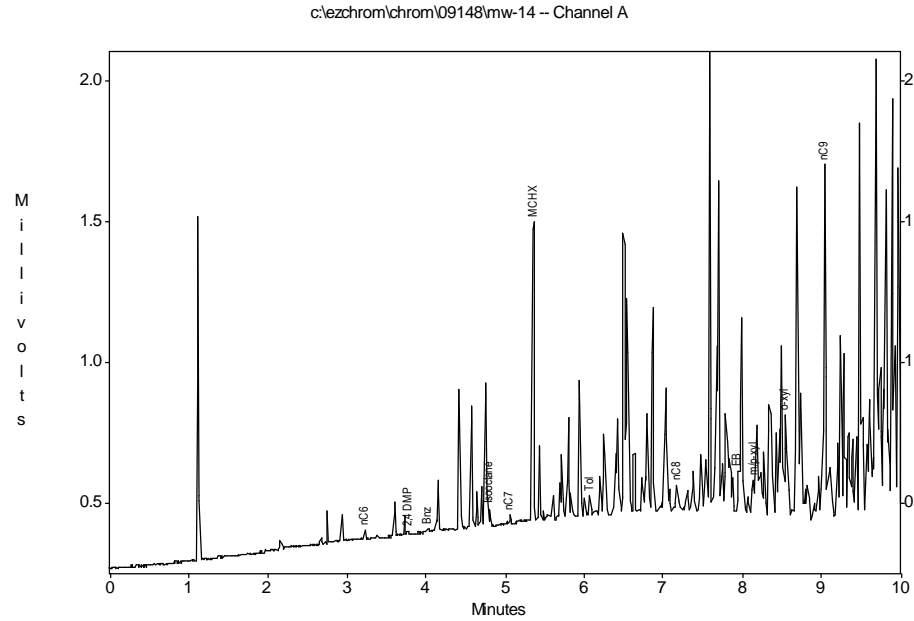




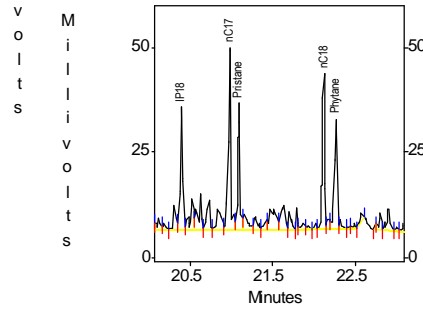
# Torkelson Geochemistry, Inc.

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 Acquired : Sep 25, 2009 17:22:19

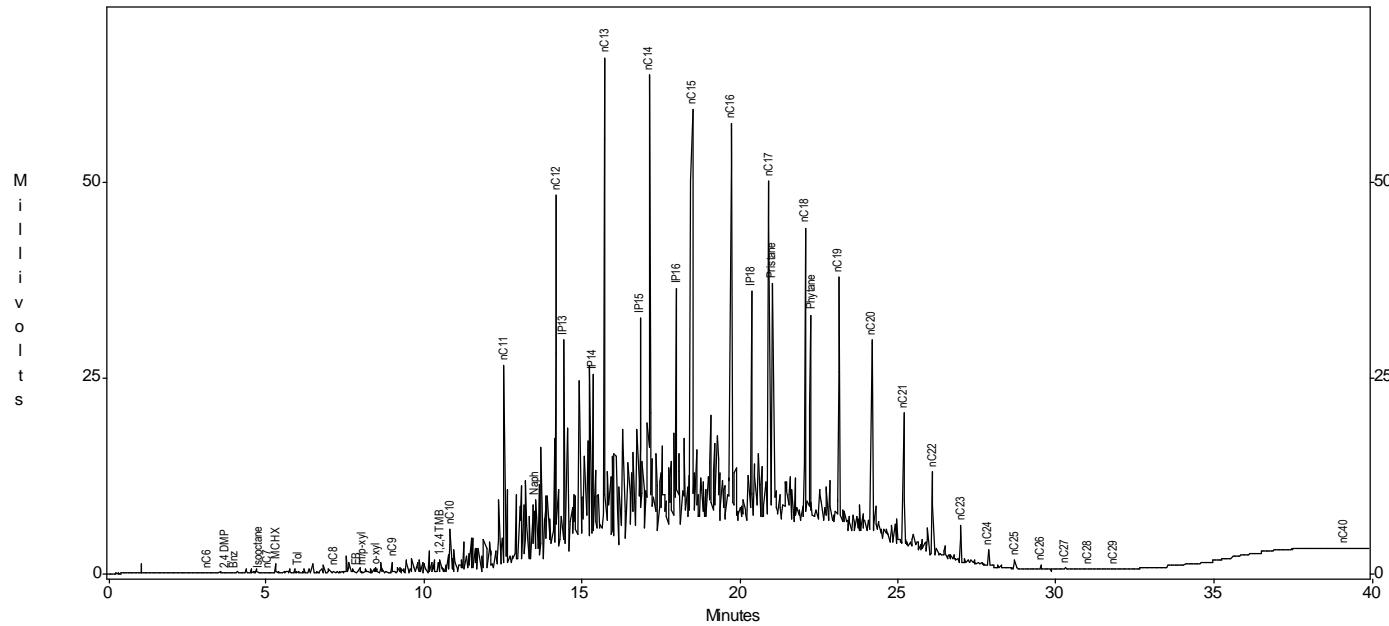
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c:\ezchrom\chrom\09148\mw-14 -- Channel A



c:\ezchrom\chrom\09148\mw-14 -- Channel A



Peak	Area	Height
nC4	0	0
iC5	0	0
nC5	0	0
MtBE	0	0
2M Pentane	0	0
nC6	29	27
olefin a	0	0
olefin b	0	0
olefin c	0	0
2,4 DMP	12	10
Bnz	12	9
Isocotane	80	63
nC7	33	30
MCHX	1238	1060
Tol	164	81
nC8	409	115
EB	193	157
m/p-xyl	279	128
o-xyl	742	354
nC9	2822	1252
1,2,4 TMB	2639	1417
nC10	7320	5285
nC11	38658	25495
Naph	32410	7674
nC12	75676	44588
IP13	50739	26839
IP14	30499	20552
nC13	122721	59546
IP15	45094	27857
nC14	129999	58634
IP16	71455	29369
nC15	115336	52360
nC16	115694	50635
IP18	62875	29487
nC17	99325	43479
Pristane	71070	30370
nC18	73397	37366
Phytane	57850	26166
nC19	62338	31810
nC20	48389	25057
nC21	29581	16989
nC22	18145	10787
nC23	7496	4575
nC24	3917	2191
nC25	2413	1041
nC26	1107	569
nC27	1449	363
nC28	1176	169
nC29	53	24
nC30	0	0
nC31	0	0
nC32	0	0
nC33	0	0
nC34	0	0
nC35	0	0
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nC37	0	0
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nC39	0	0
nC40	25	11

# Torkelson Geochemistry, Inc.

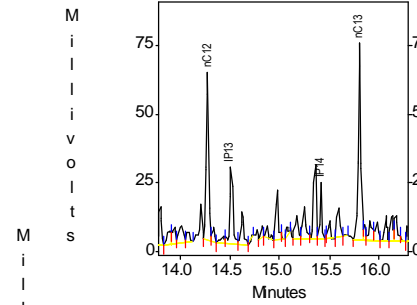
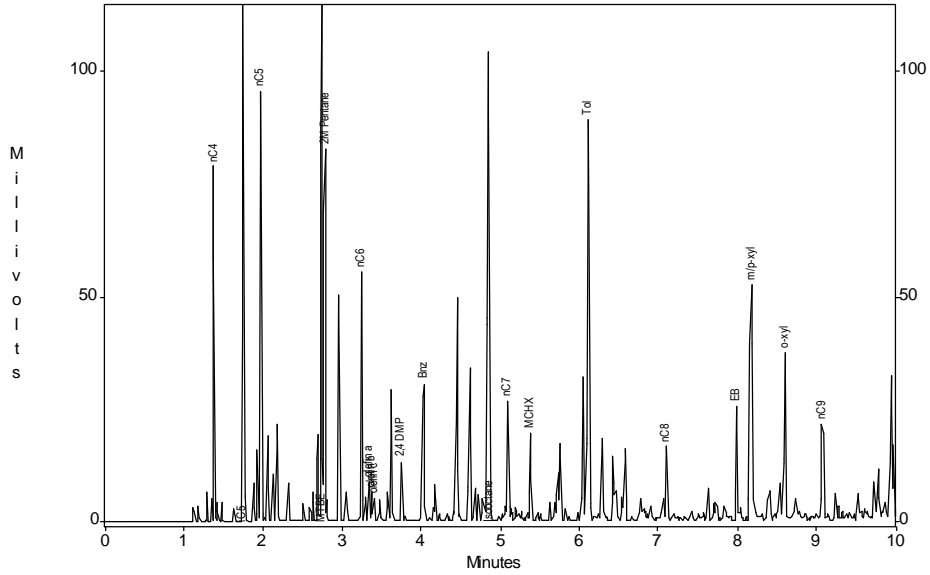
Jal Station, Jal, NM

Sample ID : Gas/Dies/Wax std

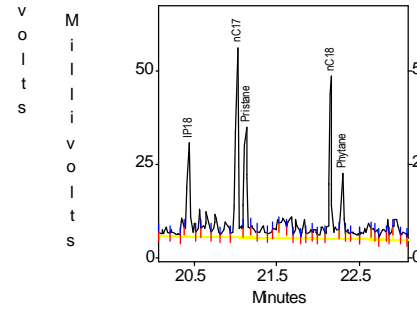
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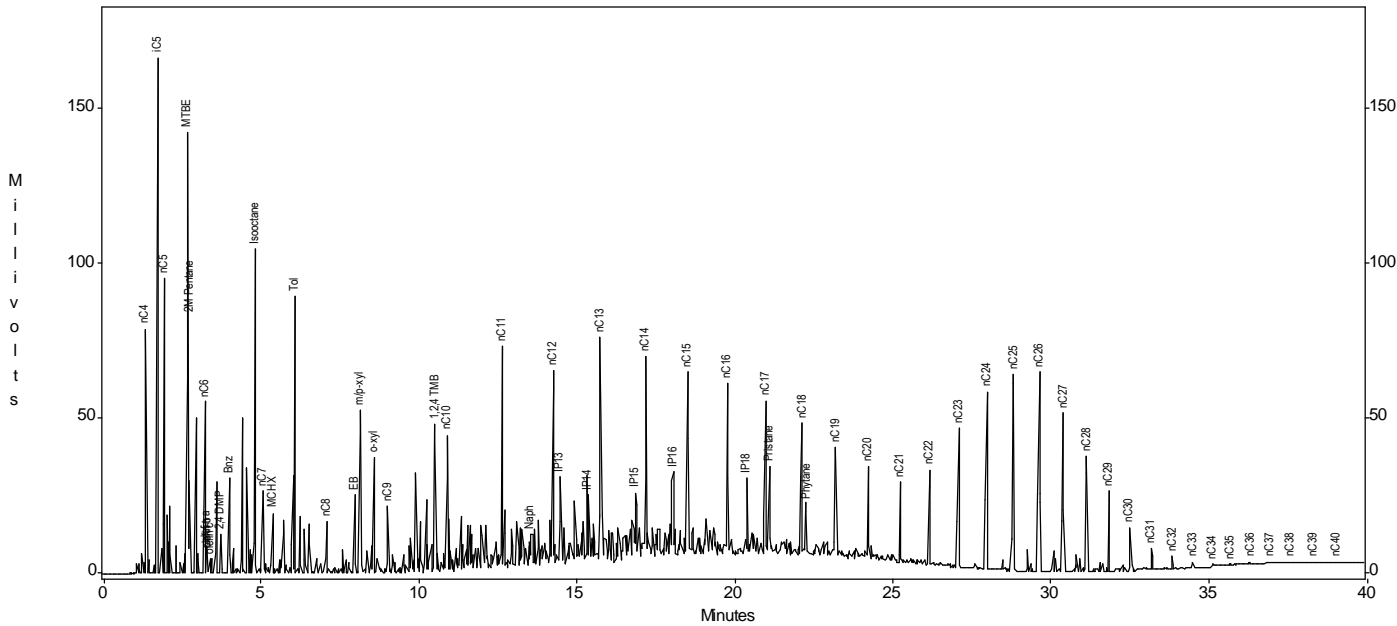
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c:\ezchrom\chrom\09148\gadiwax2 -- Channel A



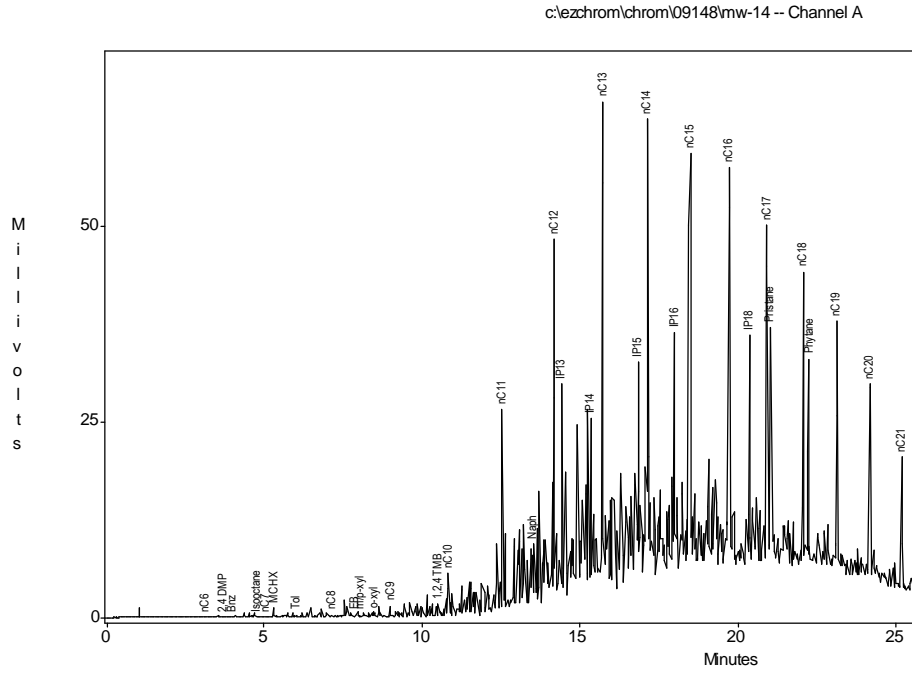
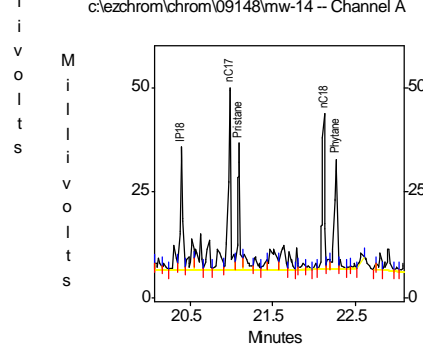
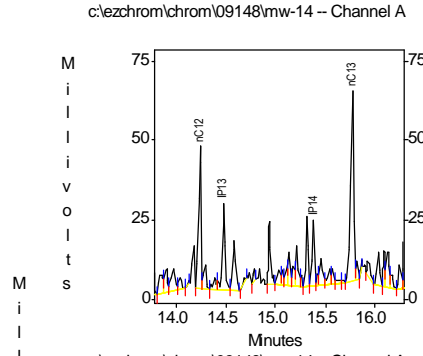
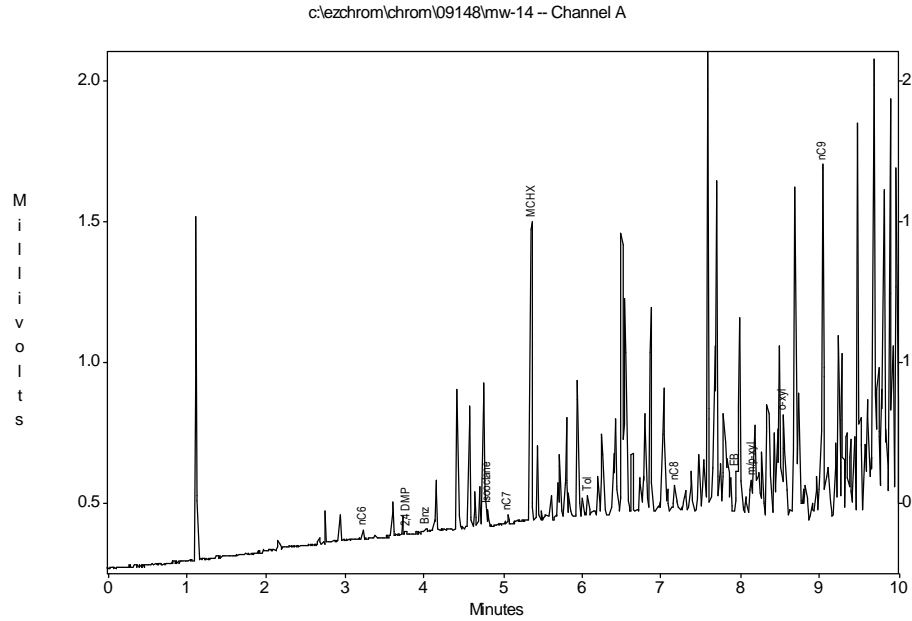
c:\ezchrom\chrom\09148\gadiwax2 -- Channel A



Peak	Area	Height
nC4	45001	78781
iC5	112083	166162
nC5	68265	95362
MTBE	135223	142463
2M Pentane	72715	82841
nC6	54254	55264
olefin a	9431	8821
olefin b	6259	6548
olefin c	5404	4902
2,4 DMP	13078	12792
Bnz	35683	30186
Isooctane	154213	104380
nC7	32122	26439
MCHX	23886	19371
Tol	141368	89088
nC8	19420	16175
EB	34401	25276
m/p-xyl	122347	51987
o-xyl	55055	37089
nC9	31674	21347
1,2,4 TMB	84618	47591
nC10	69467	44185
nC11	127270	71458
Naph	30263	10026
nC12	107135	60965
IP13	52470	27992
IP14	29090	20540
nC13	147950	71542
IP15	46088	21885
nC14	138085	64972
IP16	60607	27303
nC15	123795	58656
nC16	126928	55688
IP18	62559	24585
nC17	113915	50202
Pristane	66019	29010
nC18	97536	43284
Phytane	38590	17460
nC19	76962	35770
nC20	53158	29782
nC21	47544	25799
nC22	59958	30677
nC23	96987	45216
nC24	147961	57275
nC25	176203	63306
nC26	179403	64047
nC27	137106	50852
nC28	86827	36904
nC29	48229	25609
nC30	23532	13431
nC31	12499	7107
nC32	6590	3670
nC33	3610	2063
nC34	2089	1174
nC35	1067	613
nC36	611	346
nC37	510	186
nC38	257	111
nC39	192	79
nC40	239	62

# Torkelson Geochemistry, Inc.

Jal Station, Jal, NM  
 Sample ID : MW-14 LNAPL  
 Acquired : Sep 25, 2009 17:22:19



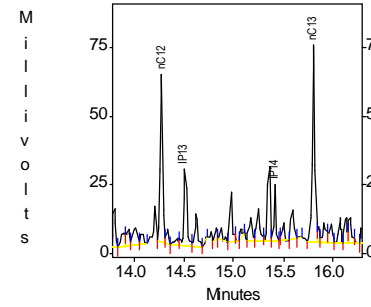
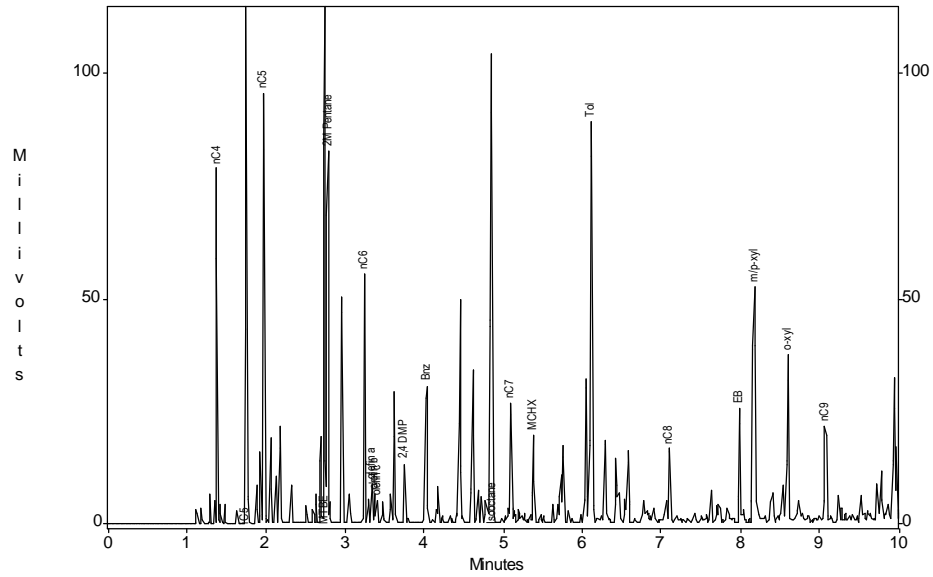
Peak	Area	Height
nC4	0	0
iC5	0	0
nC5	0	0
MTBE	0	0
2M Pentane	0	0
nC6	29	27
olefin a	0	0
olefin b	0	0
olefin c	0	0
2,4 DMP	12	10
Bnz	12	9
Isocotane	80	63
nC7	33	30
MCHX	1238	1060
Tol	164	81
nC8	409	115
EB	193	157
m/p-xyl	279	128
o-xyl	742	354
nC9	2822	1252
1,2,4 TMB	2639	1417
nC10	7320	5285
nC11	38658	25495
Naph	32410	7674
nC12	75676	44588
IP13	50739	26839
IP14	30499	20552
nC13	122721	59546
IP15	45094	27857
nC14	129999	58634
IP16	71455	29369
nC15	115336	52360
nC16	115694	50635
IP18	62875	29487
nC17	99325	43479
Pristane	71070	30370
nC18	73397	37366
Phytane	57850	26166
nC19	62338	31810
nC20	48389	25057
nC21	29581	16989
nC22	18145	10787
nC23	7496	4575
nC24	3917	2191
nC25	2413	1041
nC26	1107	569
nC27	1449	363
nC28	1176	169
nC29	53	24
nC30	0	0
nC31	0	0
nC32	0	0
nC33	0	0
nC34	0	0
nC35	0	0
nC36	0	0
nC37	0	0
nC38	0	0
nC39	0	0
nC40	25	11

# Torkelson Geochemistry, Inc.

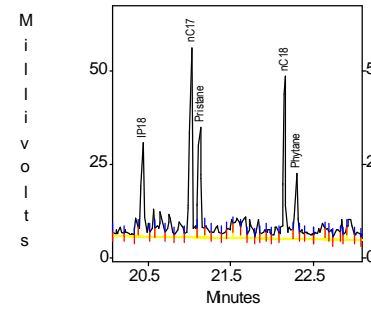
Jal Station, Jal, NM  
 Sample ID : Gas/Dies/Wax std  
 Acquired : Sep 25, 2009 11:25:17

c:\ezchrom\chrom\09148\gadiwax2 -- Channel A

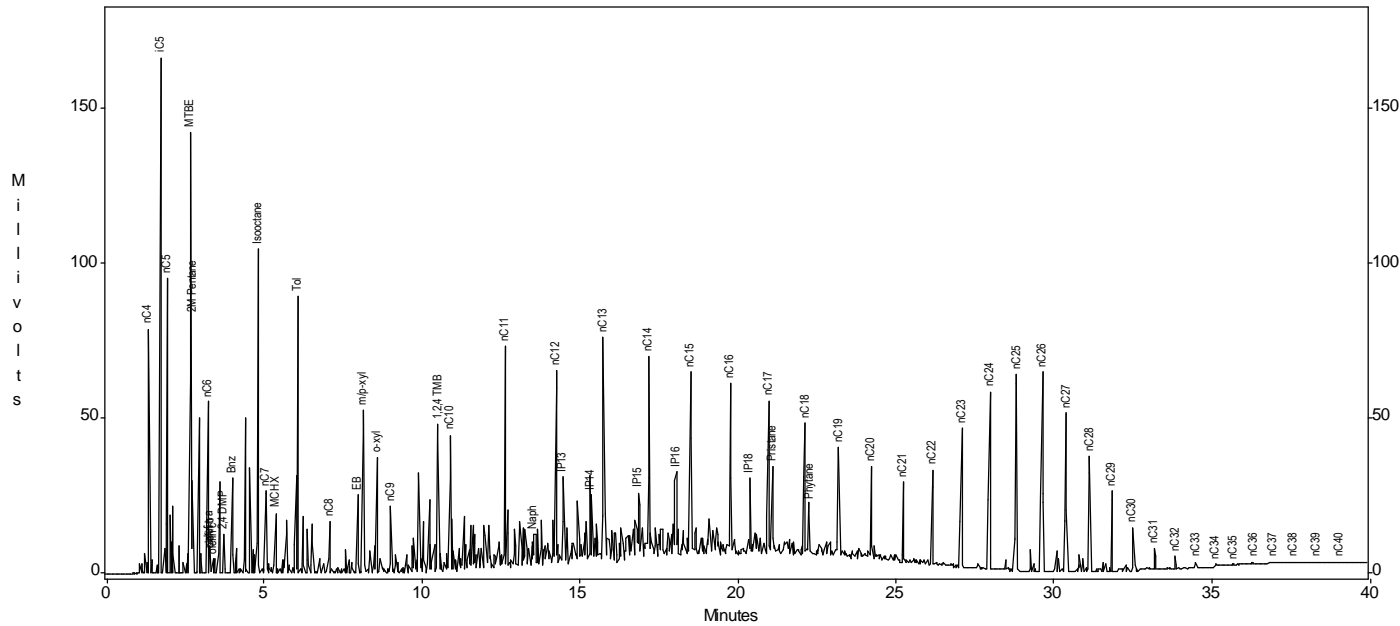
c:\ezchrom\chrom\09148\gadiwax2 -- Channel A



c:\ezchrom\chrom\09148\gadiwax2 -- Channel A



c:\ezchrom\chrom\09148\gadiwax2 -- Channel A



Peak	Area	Height
nC4	45001	78781
iC5	112083	166162
nC5	68265	95362
MTBE	135223	142463
2M Pentane	72715	82841
nC6	54254	55264
olefin a	9431	8821
olefin b	6259	6548
olefin c	5404	4902
2,4 DMP	13078	12792
Bnz	35683	30186
Isooctane	154213	104380
nC7	32122	26439
MCHX	23886	19371
Tol	141368	89088
nC8	19420	16175
EB	34401	25276
m/p-xyl	122347	51987
o-xyl	55055	37089
nC9	31674	21347
1,2,4 TMB	84618	47591
nC10	69467	44185
nC11	127270	71458
Naph	30263	10026
nC12	107135	60965
IP13	52470	27992
IP14	29090	20540
nC13	147950	71542
IP15	46088	21885
nC14	138085	64972
IP16	60607	27303
nC15	123795	58656
nC16	126928	55688
IP18	62559	24585
nC17	113915	50202
Pristane	66019	29010
nC18	97536	43284
Phytane	38590	17460
nC19	76962	35770
nC20	53158	29782
nC21	47544	25799
nC22	59958	30677
nC23	96987	45216
nC24	147961	57275
nC25	176203	63306
nC26	179403	64047
nC27	137106	50852
nC28	86827	36904
nC29	48229	25609
nC30	23532	13431
nC31	12499	7107
nC32	6590	3670
nC33	3610	2063
nC34	2089	1174
nC35	1067	613
nC36	611	346
nC37	510	186
nC38	257	111
nC39	192	79
nC40	239	62

Torkelson Geochemistry, Inc.

Physical Properties Measurements

Sample	TGI Job Number	Density (gm/ml)	Viscosity (centipoise)	Surface Tension Air/Water (dynes/cm)	Interfacial Tension NAPL/Water (dynes/cm)	Surface Tension Air/NAPL (dynes/cm)	Temperature of Measurements
MW-14	09148	0.8615	5.16	69.1*	19.5*	27.3	60F

\* Distilled Water



## Shannon Walker

---

**From:** BTorkelson@aol.com  
**Sent:** Friday, December 30, 2011 4:08 PM  
**To:** Shannon Walker  
**Subject:** Jal Station, Comparison of 2009 and 2011 gas chromatography data  
**Attachments:** QT diesel evaporation.doc

Hi Shannon.

The following are my opinions and a comparison of the GC-FID analysis results of sample MW-14 analyzed by Torkelson Geochemistry, Inc. (TGI) 9-25-09 to the data you sent for samples MW-14 and MW-24 analyzed 4-19-11. The gas chromatograms for the two samples analyzed in 2011 also appear to be the results of GC-FID but may be GC-MS.

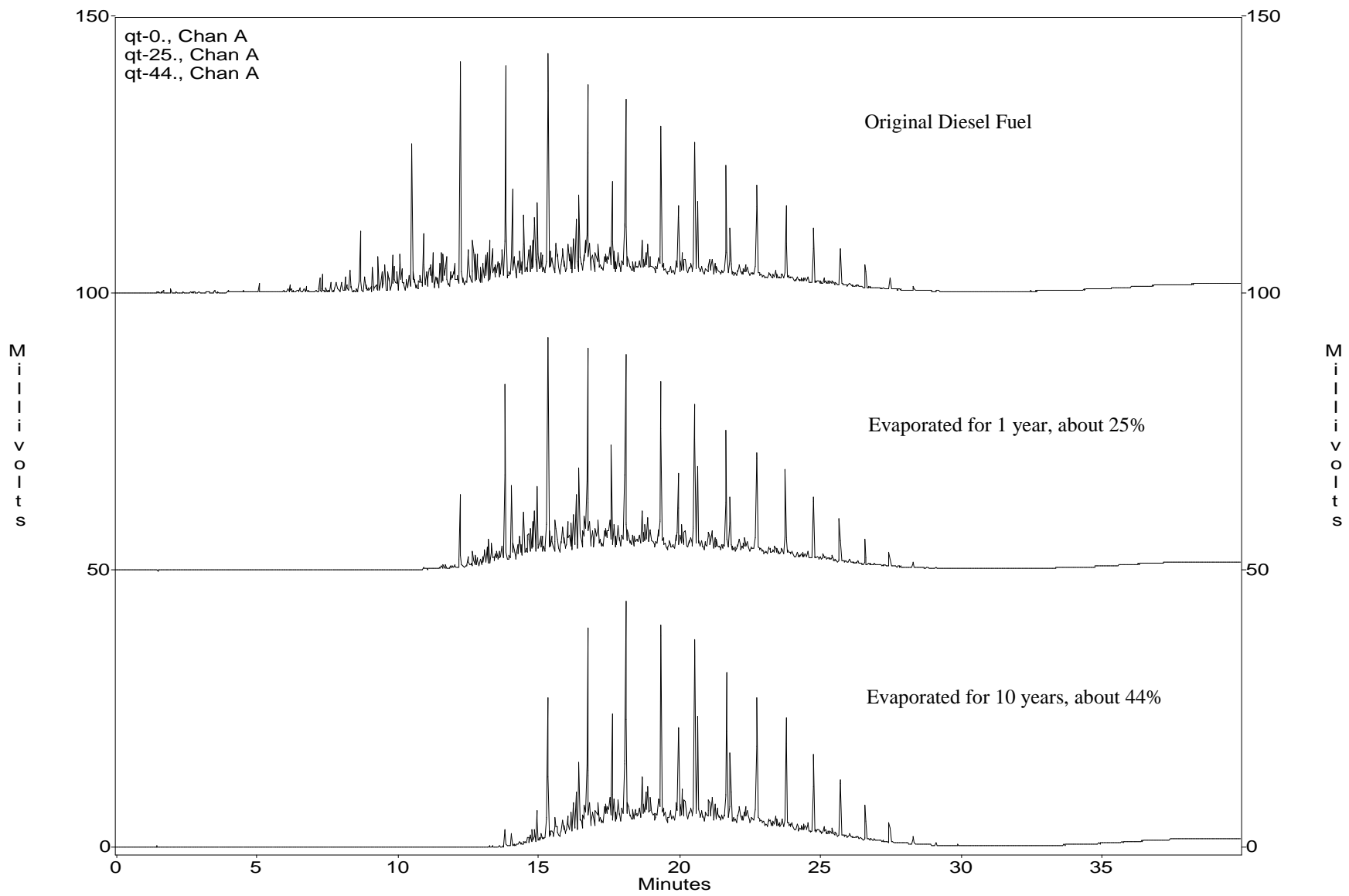
In general the chromatograms are fairly similar to each other. All appear to be typical of moderately weathered middle distillate, either diesel fuel or fuel oil. All indicate some biodegradation, the preferential removal of normal paraffins (labeled nC8 to nC27 on the TGI chromatogram) compared to the more biodegradation resistant isoprenoid peaks (labeled IP13, IP14, IP15, IP16, IP 18, Pristane and Phytane on the TGI chromatogram). The ratio of the height of the nC17 to the Pristane peak in fresh diesel fuel or fuel oil is about 2.1. The same ratio in the three samples is 1.4 (MW-14-TGI), 1.7 (MW-14) and 1.8 (MW-24). There also appears to be about a 25% loss of the more volatile components of all three samples due to evaporation and perhaps more likely the vapor extraction remediation being done at the site. The attached figure shows the effects of evaporation on diesel fuel evaporated in the laboratory.

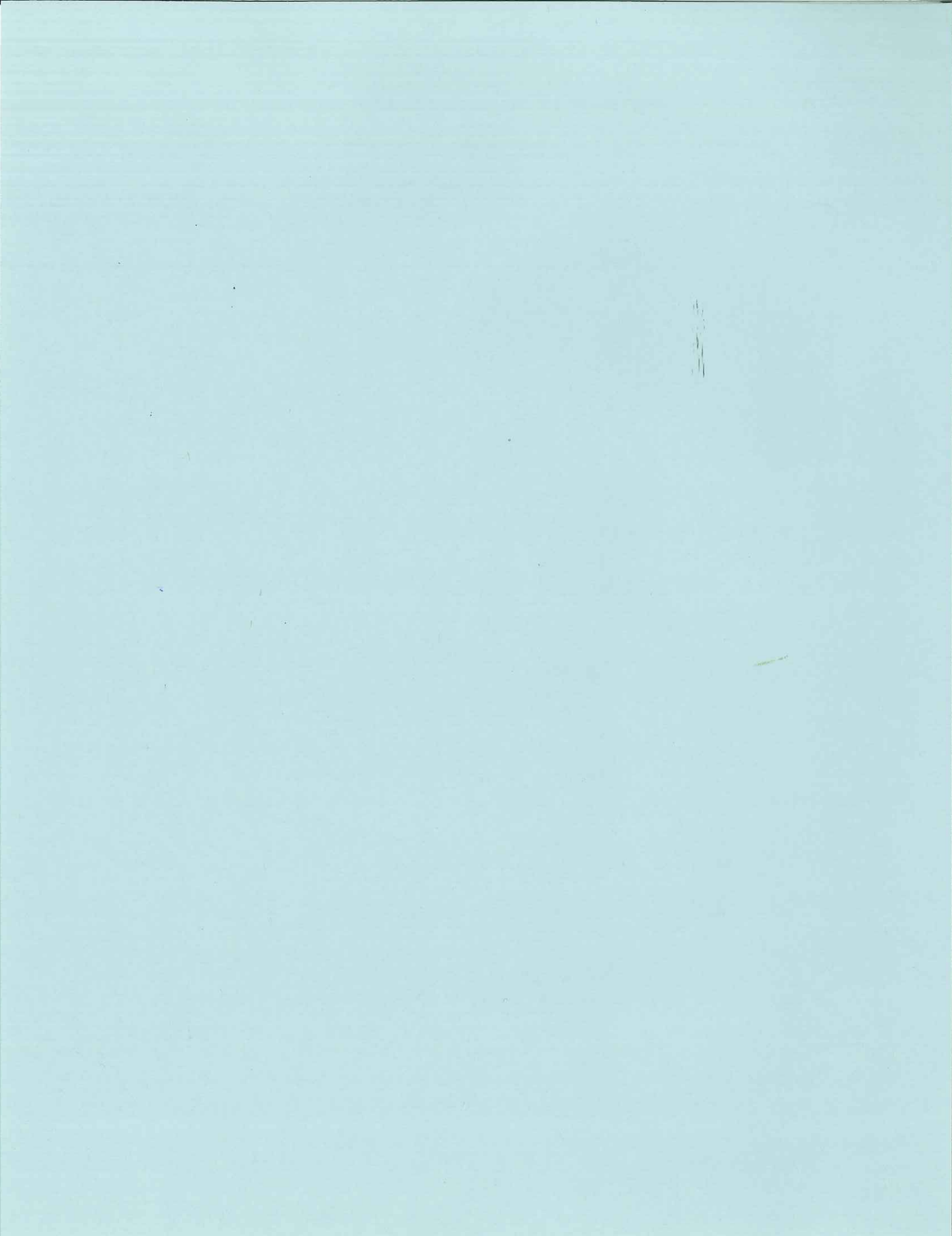
A more detailed comparison of the 2009 and 2011 is not advisable due to the possibility that some minor differences could be due to differences between instruments and not due to chemical differences in the samples.

Please let me know if you have any questions or need anything else.

Bruce Torkelson  
Torkelson Geochemistry, Inc.  
2528 S. Columbia Place  
Tulsa, OK 74114-3233  
voice 918-749-8441  
fax 918-749-6005  
[www.torkelsongeochemistry.com](http://www.torkelsongeochemistry.com)

Overlaid Traces





**Shannon Walker**

**From:** ileana.rhodes@shell.com  
**Sent:** Friday, April 29, 2011 10:38 AM  
**To:** Shailendra.Ganna@shell.com; emiliano.hinojosa@shell.com; Robyn Sargent  
**Subject:** JAL Pump Station, NM  
**Attachments:** Jal Pump Station Jal NM April 2011.xlsx; JAL Pump Station MW14 MW24 2011.pdf

Shailendra and Robyn,

The two samples from the JAL pump station in New Mexico are similar and contain diesel. Chromatograms area attached. The diesel is not significantly weathered with abundant n-alkanes. The table below and the attached Excel file include information on selected components and density. Also attached is information on relative boiling point/carbon number distribution (BPD tab).

Please let me know if you wish to discuss.

Regards,

Ileana

Compound	Method	Units	4/16/2011	4/16/2011
			MW-14	MW-24
Ethanol	GC/MS	wt%	ND(<0.01)	ND(<0.01)
MTBE	GC/MS	wt%	ND(<0.01)	ND(<0.01)
DIPE	GC/MS	wt%	ND(<0.01)	ND(<0.01)
ETBE	GC/MS	wt%	ND(<0.01)	ND(<0.01)
TAME	GC/MS	wt%	ND(<0.01)	ND(<0.01)
Isopentane	GC/FID	wt%	ND(<0.01)	ND(<0.01)
Benzene	GC/MS	wt%	ND(<0.01)	ND(<0.01)
Toluene	GC/MS	wt%	ND(<0.01)	ND(<0.01)
Ethylbenzene	GC/MS	wt%	0.007	ND(<0.01)
Xylenes	GC/MS	wt%	0.009	0.006
1,2,4-Trimethylbenzene	GC/FID	wt%	0.03	0.04
Total Sulfur	UVF	wt%	0.11	0.08
Total Lead	XRF	g/gallon	NA	NA
Organic Lead	GC/MS	g/gallon	ND(<0.0054)	ND(<0.0054)
Density	Gravimetry	g/mL	0.84	0.83

**GC/MS:** Gas chromatography with mass spectrometry detection  
**GC/FID:** Gas chromatography with flame ionization detection  
**XRF:** X-ray fluorescence, ASTM D2622 for sulfur and ASTM D5059 for lead  
**UVF:** Ultraviolet fluorescence, ASTM D5453

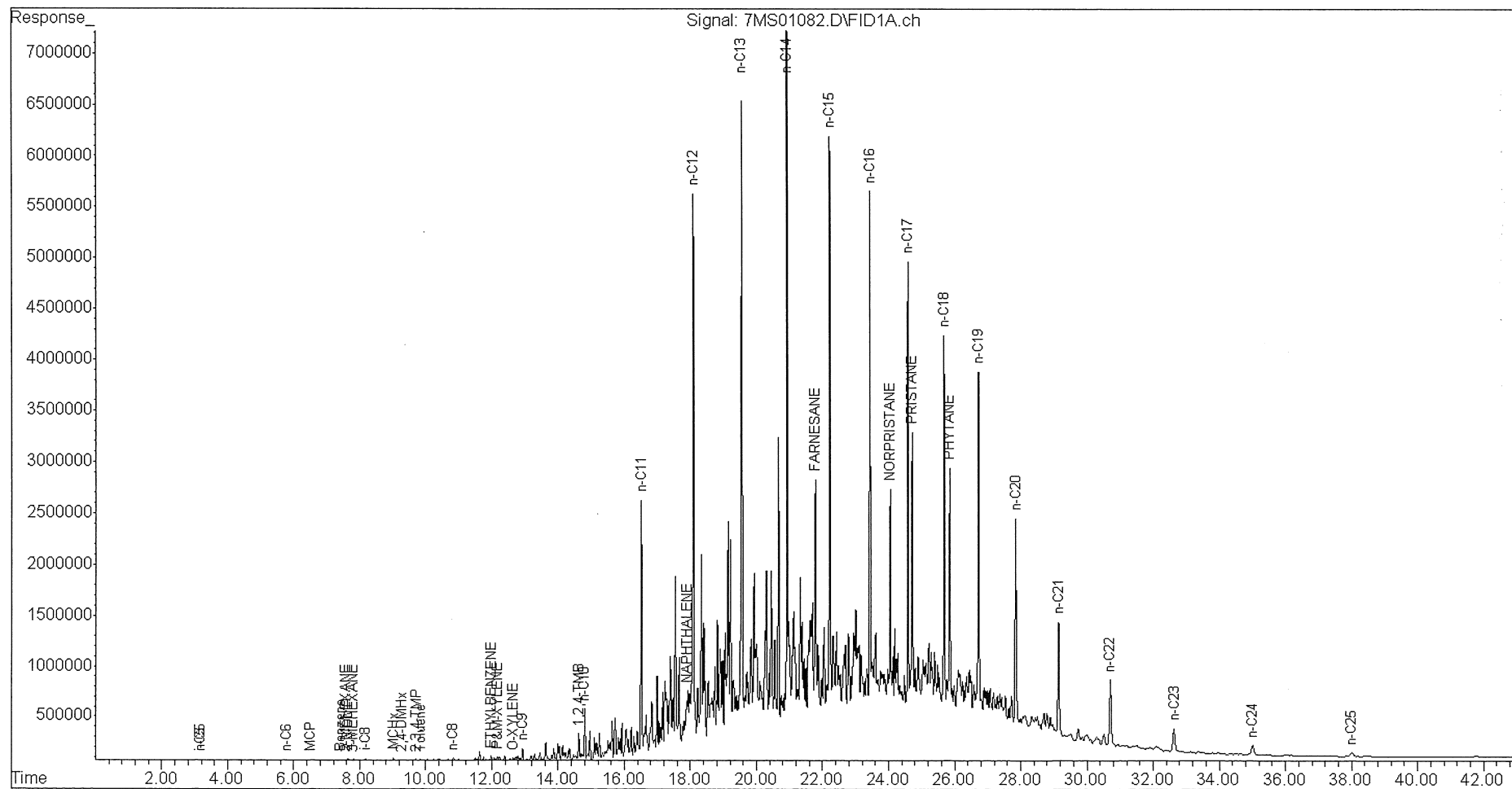
<b>Diagnostic Ratios - Diesel</b>		MW-14	MW-24
Farnesane/Norpristane		1.32	1.36
Pristane/Phytane		1.21	1.20
nC17/Pristane		1.5	1.6
nC18/Phytane		1.5	1.7

*Ileana Rhodes, Ph.D.*

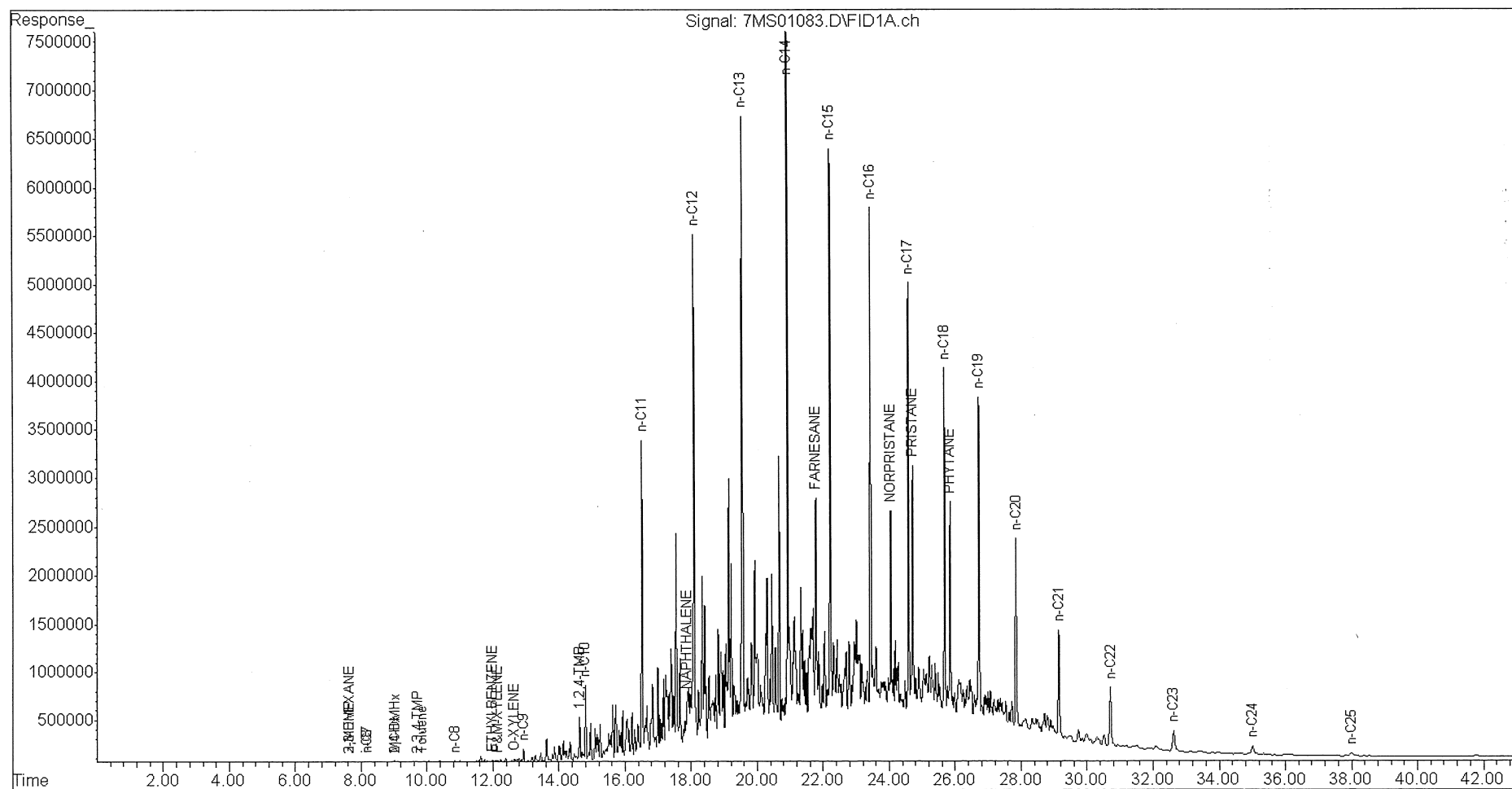
ES-COE Soil&GW - Environmental Chemistry  
Shell Projects & Technology - HSE Services (PTD/H)  
Westhollow Technology Center - Soil&GW Dept  
3333 Hwy 6 South, Rm EC-234  
Houston, TX 77082-3101, USA  
**Office:** +1(281) 544-8215  
**Fax:** +1(281) 544-8727  
**Cell:** +1(281) 703-5669  
**Email:** [ileana.rhodes@shell.com](mailto:ileana.rhodes@shell.com)  
**Internet:** <http://www.shellglobalsolutions.com/>  
9/80 Schedule A

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File : C:\msdchem\1\DATA\7MS01082.D  
Operator : EMH  
Acquired : 19 Apr 2011 3:51 pm using AcqMethod FID\_SL111209.M  
Instrument : GCMS7  
Sample Name: MW-14 JAL PUMP STATION, JAL, NEW MEXICO  
Misc Info : 2011-04-03  
Vial Number: 1



File : C:\msdchem\1\DATA\7MS01083.D  
Operator : EMH  
Acquired : 19 Apr 2011 4:42 pm using AcqMethod FID\_SL111209.M  
Instrument : GCMS7  
Sample Name: MW-24 JAL PUMP STATION, JAL, NEW MEXICO  
Misc Info : 2011-04-03  
Vial Number: 1



To: Emiliano M. Hinojosa  
ES-COE Soil&GW – Environmental Chemistry  
Shell Projects and Technology  
Westhollow Technology Center – Soil&GW Dept.  
3333 Hwy 6 South, Rm EC-401  
Houston, TX 77082

Enclosed are the NAPL samples (requested by Shailendra Ganna) from wells MW-14 and MW 24 from the Jal Pump Station, Jal, N.M. site for your fingerprinting analysis. Please let me know if you have any questions.

Thank you.

*Ricky Mrazik*

Ricky Mrazik

H<sub>2</sub>A Environmental. Ltd.

Health and Safety Manager

817-988-6299

*Received 4/19/11 1330 hrs  
Emiliano M. Hinojosa*