

Incident ID	NOY1827131341
District RP	1RP-5213
Facility ID	fOY1827131144
Application ID	pOY1827130845

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Amber Groves Title: Remediation Coordinator
Signature: Amber Groves Date: 9/9/2019
email: agroves@pacap.com Telephone: 575-200-5517

OCD Only

Received by: _____ Date: _____
☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Karen Collins Date: 6/16/2021

NOTE:
As per report submitted Sept 10, 2019.



September 10, 2019

Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Site Delineation Summary and Deferral Request
Jal Tank Farm
API No. N/A
GPS: Latitude 32.0792 Longitude -103.1803
UL "A", Sec. 5, T26S, R37E
Lea County, NM
NMOCD Ref. No. 1RP-5213

Tasman Geosciences, LLC (Tasman), on behalf of Plains Pipeline, LP (Plains), has prepared this Site Delineation Summary and Proposed Remediation Plan for the Release Site known as the Jal Tank Farm. Details of the release are summarized below:

RELEASE DETAILS			
Type of Release: Crude Oil	Volume of Release:		> 5 bbls
	Volume Recovered:		0 bbls
Source of Release: Suction Line	Date of Release: 6/1/18	Date of Discovery: 9/21/18	
Was Immediate Notice Given? No	If YES, to Whom?		
Was a Watercourse Reached? No	If YES, Volume Impacting the Watercourse:		N/A
Surface Owner: Federal	Mineral Owner: Federal		
Describe Cause of Release and Remedial Action Taken:			
Internal corrosion on the suction line. The release was originally discovered in June of 2018 and deemed to be of an un-reportable amount. Upon site investigation, it was determined to be reportable.			

Site Characteristics Map is provided as Attachments #1. General Site Photographs are provided as Attachment #6. A Copy of the Initial Release Notification and Corrective Action (NMOCD Form C-141) is provided as Attachment #8.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of crude oil, gases, produced water, condensate or other oil field waste which occur during normal oilfield operations are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on the depth to groundwater and the following site characteristics:

Site Characteristics		
Approximate Depth to Groundwater		50-100 ft
Within 300 ft. of any continuously flowing or significant watercourse?	☐ Yes	☒ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	☐ Yes	☒ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	☐ Yes	☒ No
Within 500 ft. of a spring or private, domestic fresh water well?	☐ Yes	☒ No
Within 1,000 ft. of any fresh water well?	☐ Yes	☒ No
Within the incorporated municipal boundaries or within a municipal well field?	☐ Yes	☒ No
Within 300 ft. of a wetland?	☐ Yes	☒ No
Within the area overlying a subsurface mine?	☐ Yes	☒ No
Within an unstable area?	☐ Yes	☒ No
Within a 100-year floodplain?	☐ Yes	☒ No

A search of a groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average depth to groundwater within a one (1) Mile radius of the Release Site and identify any registered water wells within a 1/2 Mile of the Release Sites, yielding no results. Therefore, depth to groundwater was inferred from a technical infeasibility proposal authored by a 3rd party on October 22, 2012 for the groundwater monitoring site known as 'Jal Basin Station (GW-350)' and will be referred to as, GW-350 (The proposal is found as Attachment #4). Of the twenty-four (24) monitor wells on the GW-350 site, average depth to groundwater was calculated from the seven (7) monitor wells that did not contain phase separated hydrocarbons (PSH) during the most recent groundwater monitoring event, which took place March, 31, 2012. Monitor well MW-23 was also excluded due to its being installed at an angle. The averaged depth to groundwater of these seven (7) monitor wells was determined to be 91.23 feet (ft.) below ground surface (bgs.). Location of the GW-350 groundwater monitoring site can be found in Attachment #1.

Based on the approximate depth to groundwater and site characteristics, the NMOCD Closure Criteria are as follows:

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
50-100 feet	Chloride***	EPA 300.0 or SM 4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

SITE DELINEATION SUMMARY

Initial site delineation and soil sampling was conducted by a 3rd party environmental consultant. All data and figures subject to this investigation created by this consultant are property of Plains Pipeline, LP and have been attached to this report for reference as Attachment #7.

On April 29, 2019, Tasman personnel conducted delineation activities at the Release Site. One soil bore was installed at the site in an effort to determine the vertical extent of soil impacts. Soil samples were collected at five foot intervals and field tested for chlorides and hydrocarbons. Collected soil samples were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX concentrations. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criteria in all of the analyzed soil samples. Analytical results exhibited TPH concentrations ranged from 5,406 mg/kg in SB-01 @ 15' to 990.4 mg/kg in SB-01 @ 30'. Analytical results indicated BTEX concentrations were below the NMOCD Closure Criteria in all of the submitted soil samples. A table summarizing laboratory analytical results from soil samples collected during the site delineation is provided below:

Concentrations of BTEX, TPH and/or Chloride in Soil											
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					E 300
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₅ (mg/kg)	TPH C ₆ -C ₃₅ (mg/kg)	Chloride (mg/kg)
SB-01 @ 10'	4/29/2019	10'	In-Situ	0.662	22.4	1,460	2,800	4,260	220	4,480	-
SB-01 @ 15'	4/29/2019	15'	In-Situ	2.48	28.50	1,140	3,960	5,100	306	5,406	<5.0
SB-01 @ 20'	4/29/2019	20'	In-Situ	0.769	14.9	976	3,610	4,586	282	4,868	-
SB-01 @ 25'	4/29/2019	25'	In-Situ	1.39	20.4	822	3,360	4,182	270	4,452	-
SB-01 @ 30'	4/29/2019	30'	In-Situ	0.00884	0.349	58.5	842	900.5	89.9	990.4	25.7
NMOCD Closure Criteria				10	50			1000		2,500	600

A "Delineation Overview Map" is provided as Attachment #2. Laboratory analytical reports are provided as Attachment #5. Soil Bore log is provided as Attachment #9.

DEFERRAL REQUEST

Plains is requesting deferral of remediation, reclamation, and restoration with respect to the deferral requirements under 19.15.29.12 (C) (2) NMAC, seeing as the release site is located in an area "*immediately under or around production equipment*" and "*where remediation would cause a major facility deconstruction*", that would require the relocation of major pipelines in the area. In addition to the deferral requirements listed above, the Concentrations of BTEX, TPH and/or Chloride in Soil provided on Page 3 of this report shows the contamination to be fully delineated with no imminent risk to human health, the environment, and ground water. If this deferral request is approved, final remediation and reclamation will take place in accordance with 19.15.29.12 and 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations.

If you have any questions, or if additional information is required, please feel free to contact Amber Groves or either of the undersigned by phone or email.

Respectfully,



Zachary Conder
Tasman Geosciences

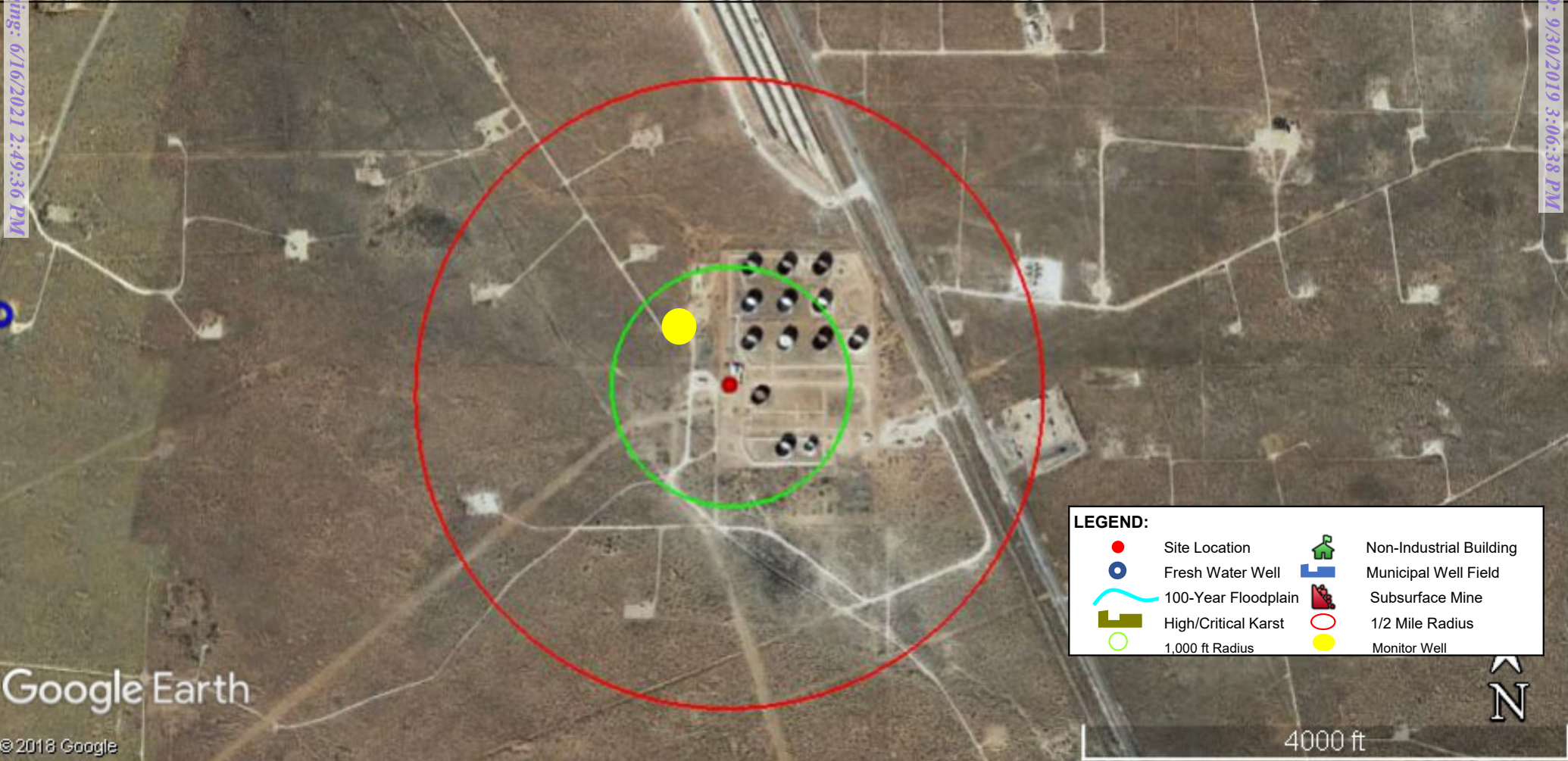


Brian Cooper
Tasman Geosciences

Attachments:

- | | |
|----------------|---|
| Attachment #1- | Figure 1 - Site Characteristics Map |
| Attachment #2- | Figure 2 - Delineation Overview Map |
| Attachment #3- | Depth to Groundwater Search Results |
| Attachment #4- | Technical Infeasibility Proposal (Jal Basin Station GW-350) |
| Attachment #5 | Laboratory Analytical Reports |
| Attachment #6- | General Site Photographs |
| Attachment #7- | TRC Solutions, Inc. - Figures and Data |
| Attachment #8- | Release Notification and Corrective Action (FORM C-141) |
| Attachment #9- | Soil Bore Log |

Attachment #1



DATE: August 2019	 TASMAN GEOSCIENCES <i>Tasman Geosciences, Inc. 2620 W. Marland Blvd. Hobbs, NM 88240</i>	Plains Pipeline, LP Jal Tank Farm GPS: 32.0792, -103.1803 UL "A", Section 5, Township 26 South, Range 37 East Lea County, New Mexico	Site Characteristics Map	Figure 1
DESIGNED BY: BC				
DRAWN BY: ZC				

Attachment #2



DATE: September 2019

DESIGNED BY: BC

DRAWN BY: ZC



Tasman Geosciences, Inc.
 2620 W. Marland Blvd.
 Hobbs, NM 88240

**Plains Pipeline, LP
 Jal Tank Farm**

GPS: 32.0792, -103.1803
 UL "A", Section 5, Township 26 South, Range 37 East
 Lea County, New Mexico

Delineation
 Overview
 Map

**Figure
 2**

Attachment #3



New Mexico Office of the State Engineer
Wells with Well Log Information

No wells found.

UTMAD83 Radius Search (in meters):

Easting (X): 671745.16 Northing (Y): 3550663.21 Radius: 1610

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/28/19 9:43 AM

WELLS WITH WELL LOG INFORMATION

Attachment #4

GW - 350

**TECHNICAL
INFEASIBILITY
PROPOSAL**

10/22/2012

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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

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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

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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

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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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

Monday, September 10, 2012

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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

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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

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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

Attachment #6

DIRECTION

W (T)

+32.07934°
-103.18026°

ACCURACY 5 m
DATUM WGS84



ROC

4/22/19, 9:03:11 AM

DIRECTION

N (T)

+32.07927°
-103.18033°

ACCURACY 5 m
DATUM WGS84



ROC

4/22/19, 9:03:23 AM

DIRECTION

E (T)

+32.07932°
-103.18038°

ACCURACY 5 m
DATUM WGS84



ROC

4/22/19, 9:03:38 AM

DIRECTION

S (T)

+32.07937°
-103.18028°

ACCURACY 5 m
DATUM WGS84



ROC

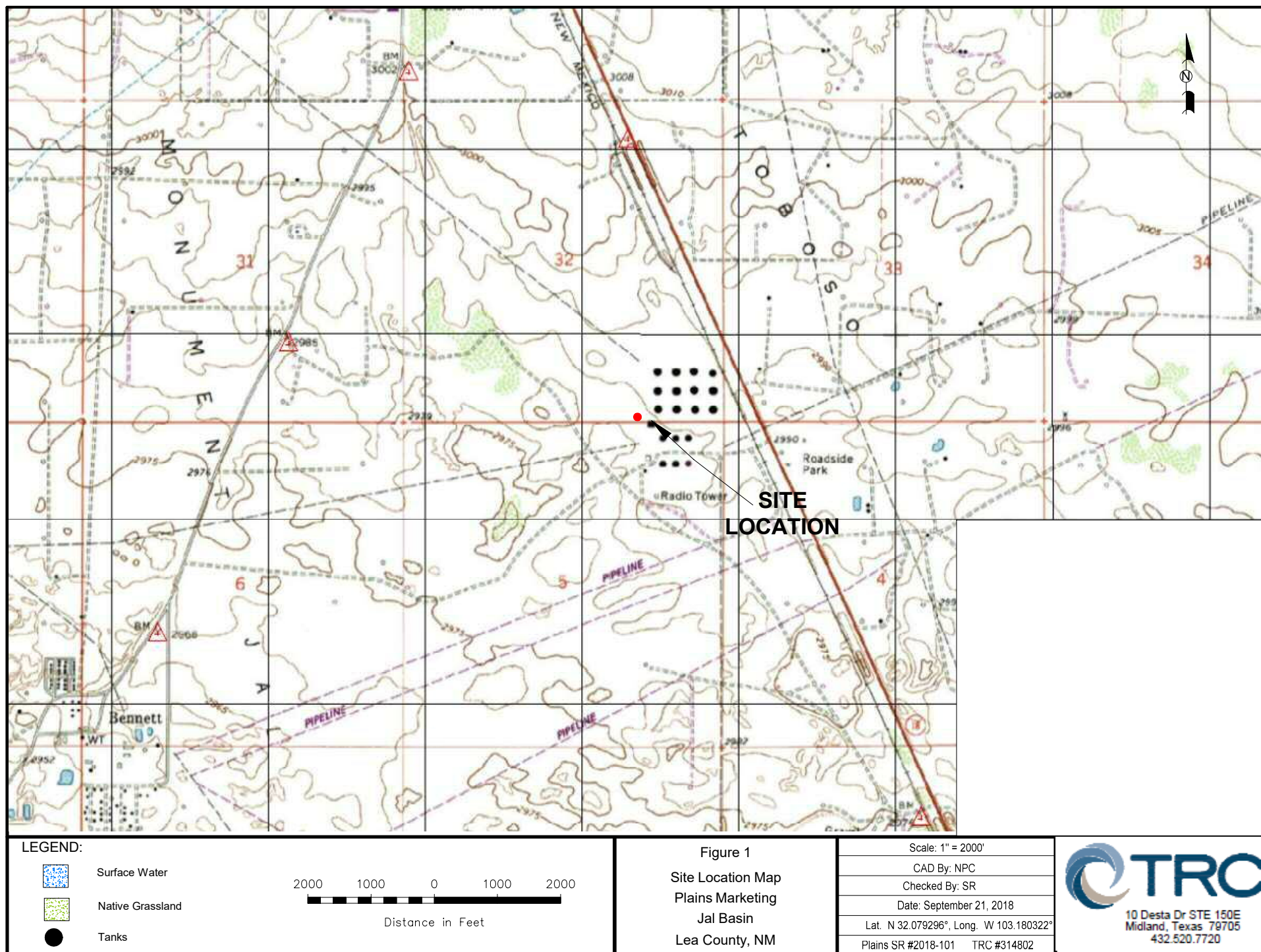
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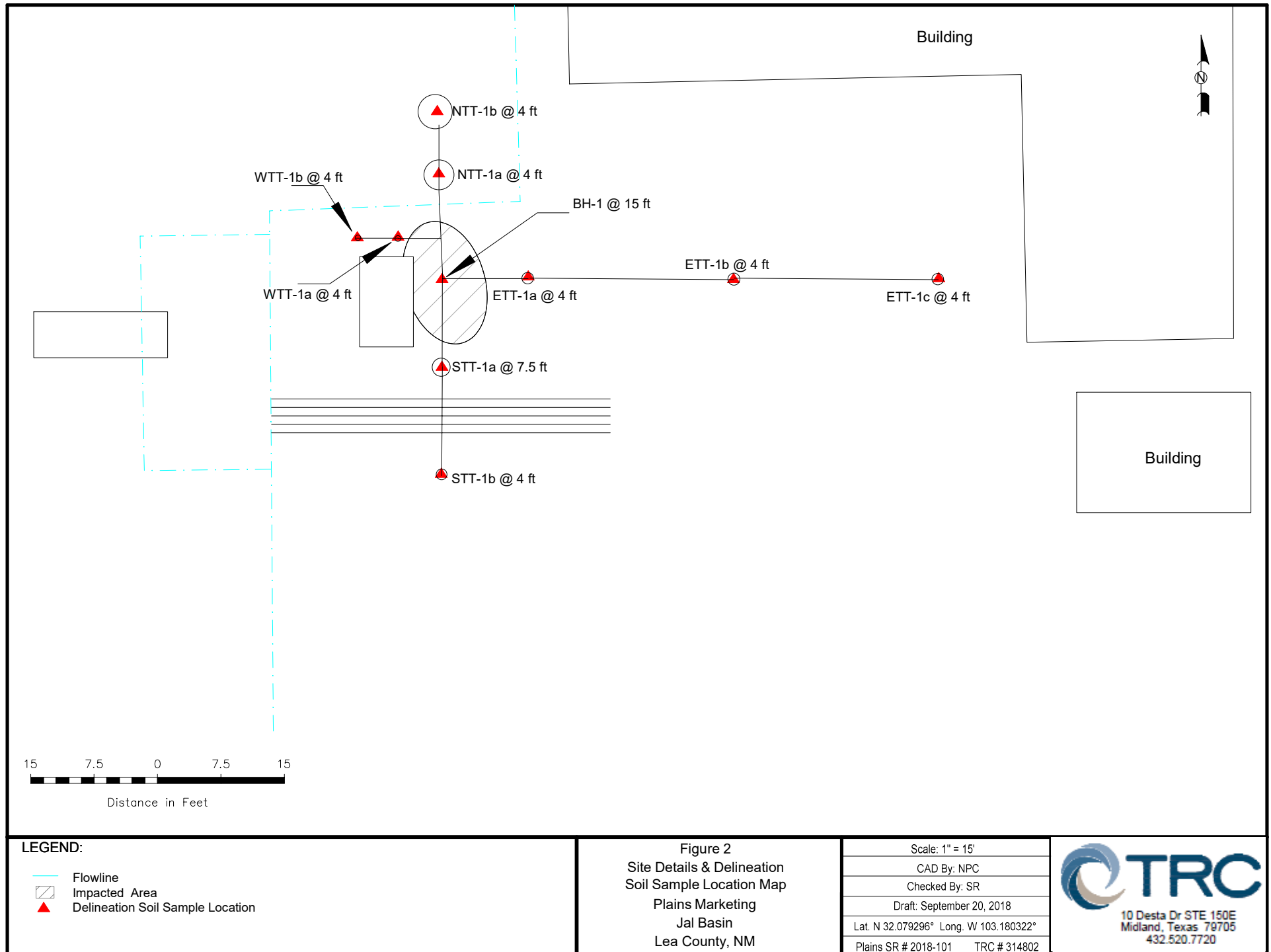
Plains Pipeline, LP
Jal Tank Farm

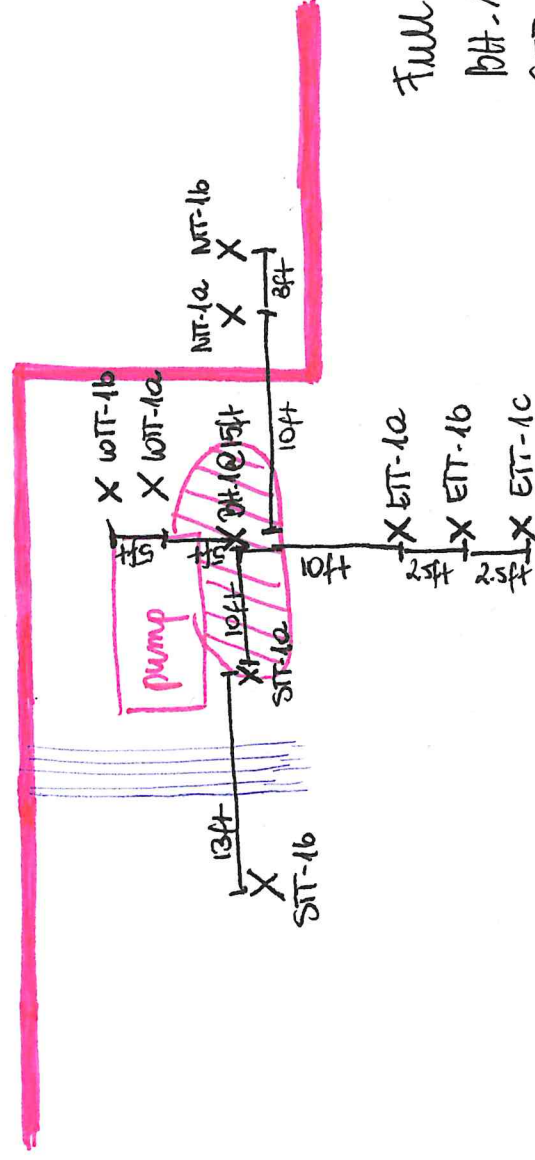


Backfilled Excavation

Attachment #7





$$\uparrow$$


Full sample names

b6-1 @ 15ft

STI-10 @ 7.5 ft

STT-16 @ 4ft

WTT-10a @ 4ft

WIT-16 @ left

ETT-16 @ 4ft

ETT-1C @ 4ft

NT-10 @ 44

NTT-16 @ 4C17

Pipeline

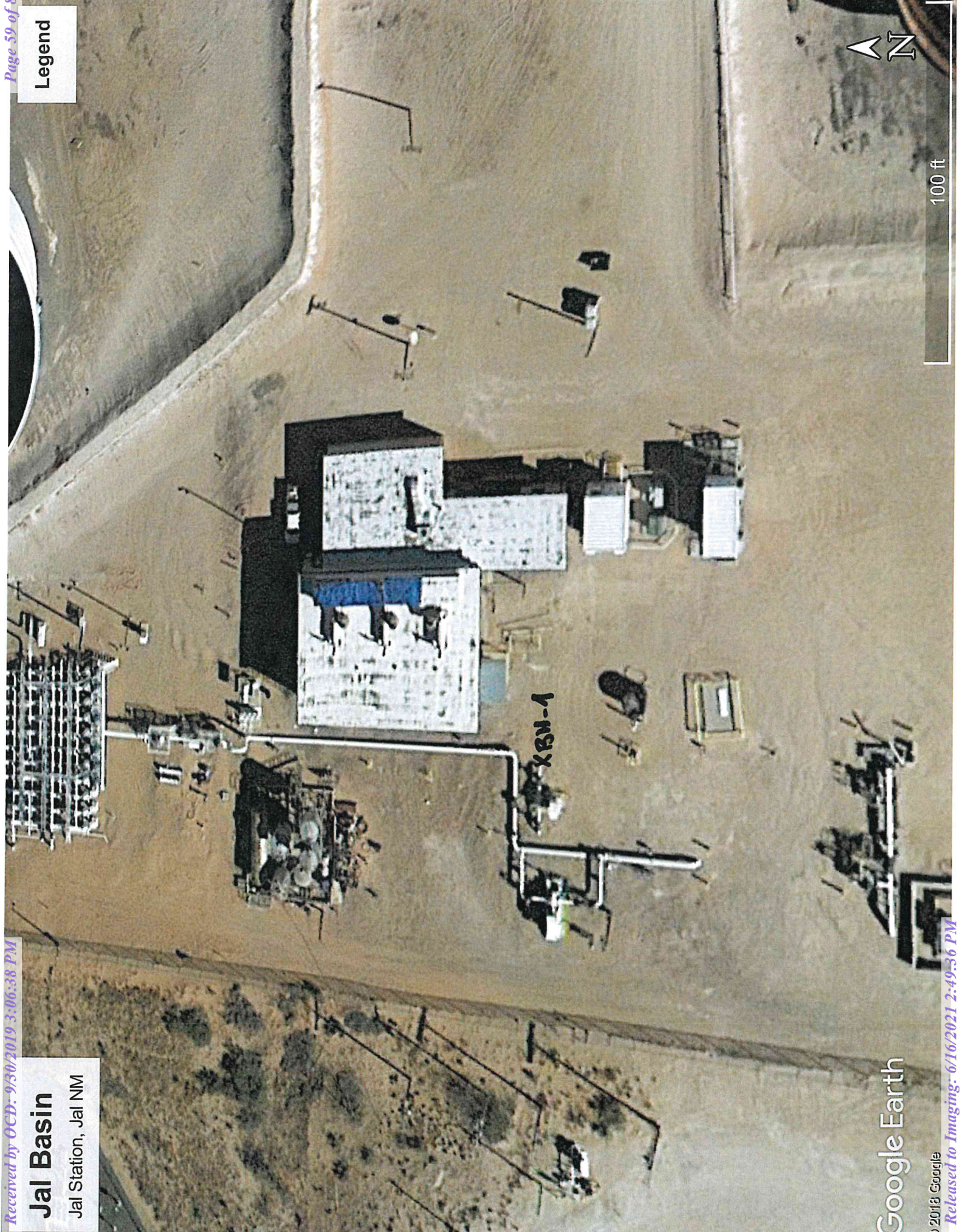
— roads

excavated area

Jal Basin

Jal Station, Jal NM

Legend



Google Earth



TABLE 1

CONCENTRATIONS OF BENZENE, BTEX AND TPH IN SOIL

JAL BASIN

PLAINS MARKETING, L.P.

LEA COUNTY, NM

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH	STATUS	Methods: EPA SW 846-8021B, 5030					CHLORIDE (mg/kg)	Methods:			
				BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p, XYLENE (mg/kg)	o-XYLENE (mg/kg)		EPA SW 846-8015M			
										C6-C12 (mg/kg)	>C12-C28 (mg/kg)	>C28-C35 (mg/kg)	TOTAL TPH (mg/kg)
BH-1 @ 15 ft	9/12/2018	15 ft	In-situ	on hold	on hold	on hold	on hold	on hold	1.51	6310	6750	931	14000
STT-1a @ 7.5 ft	9/12/2018	7.5 ft	In-situ	7.02	58.7	32.0	71.0	24.2	-	3210	4250	683	8140
STT-1b @ 4 ft	9/12/2018	4 ft	In-situ	ND	ND	ND	ND	ND	-	ND	54.3	ND	54.3
WTT-1a @ 4 ft	9/12/2018	4 ft	In-situ	0.197	3.74	3.69	7.64	3.36	-	1350	2630	295	4270
WTT-1b @ 4 ft	9/12/2018	4 ft	In-situ	ND	ND	ND	ND	ND	-	ND	36.5	ND	36.5
ETT-1b @ 4 ft	9/12/2018	4 ft	In-situ	ND	ND	ND	ND	ND	-	ND	40.7	ND	40.7
ETT-1c @ 4 ft	9/12/2018	4 ft	In-situ	ND	ND	ND	ND	ND	-	ND	ND	ND	ND
NTT-1a @ 4 ft	9/12/2018	4 ft	In-situ	0.113	2.91	2.81	11.4	5.31	-	1930	3440	433	5800
NTT-1b @ 4ft	9/12/2018	4 ft	In-situ	0.00515	ND	ND	ND	ND	-	ND	ND	ND	ND
NMOCD Recommended Remediation Action Level				-	-	-	-	-	-	-	-	-	1,000

* ND denotes concentrations of less than the laboratory Method Detection Limit

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Sylvia Reynolds
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: Plains Jal Basin
Project Number: 2018-101
Location: Lea, New Mexico
Lab Order Number: 8I13008



NELAP/TCEQ # T104704516-17-8

Report Date: 09/17/18

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 @ 15ft	8I13008-01	Soil	09/12/18 08:00	09-13-2018 08:52
STT-1a @ 7.5 ft	8I13008-02	Soil	09/12/18 08:30	09-13-2018 08:52
STT-1b @ 4 ft	8I13008-03	Soil	09/12/18 09:00	09-13-2018 08:52
WTT-1a @ 4 ft	8I13008-04	Soil	09/12/18 09:30	09-13-2018 08:52
WTT-1b @ 4 ft	8I13008-05	Soil	09/12/18 10:00	09-13-2018 08:52
ETT-1b @ 4 ft	8I13008-06	Soil	09/12/18 10:30	09-13-2018 08:52
ETT-1c @ 4 ft	8I13008-07	Soil	09/12/18 11:00	09-13-2018 08:52
NTT-1a @ 4 ft	8I13008-08	Soil	09/12/18 11:30	09-13-2018 08:52
NTT-1b @ 4 ft	8I13008-09	Soil	09/12/18 12:00	09-13-2018 08:52

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

BH-1 @ 15ft
8I13008-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.51	1.03	mg/kg dry	1	P8I1412	09/14/18	09/14/18	EPA 300.0
% Moisture	3.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	6310	129	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M
>C12-C28	6750	129	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M
>C28-C35	931	129	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M
Surrogate: 1-Chlorooctane		121 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M
Surrogate: o-Terphenyl		103 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	14000	129	mg/kg dry	5	[CALC]	09/13/18	09/14/18	calc

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

STT-1a @ 7.5 ft
8I13008-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	7.02	0.269	mg/kg dry	250	P8I1401	09/14/18	09/17/18	EPA 8021B	
Toluene	58.7	2.69	mg/kg dry	250	P8I1401	09/14/18	09/17/18	EPA 8021B	
Ethylbenzene	32.0	1.34	mg/kg dry	250	P8I1401	09/14/18	09/17/18	EPA 8021B	
Xylene (p/m)	71.0	5.38	mg/kg dry	250	P8I1401	09/14/18	09/17/18	EPA 8021B	
Xylene (o)	24.2	2.69	mg/kg dry	250	P8I1401	09/14/18	09/17/18	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		113 %		75-125	P8I1401	09/14/18	09/17/18	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %		75-125	P8I1401	09/14/18	09/17/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	3210	134	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	4250	134	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	683	134	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		99.1 %		70-130	P8I1407	09/13/18	09/14/18	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		90.1 %		70-130	P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	8140	134	mg/kg dry	5	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

STT-1b @ 4 ft

8I13008-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (p/m)	ND	0.0213	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (o)	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	54.3	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		138 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	S-GC
Surrogate: o-Terphenyl		129 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	54.3	26.6	mg/kg dry	1	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

WTT-1a @ 4 ft
8I13008-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.197	0.0213	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Toluene	3.74	0.213	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Ethylbenzene	3.69	0.106	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (p/m)	7.64	0.426	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (o)	3.36	0.213	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		91.9 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.0 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1350	133	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	2630	133	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	295	133	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		120 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		103 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	4270	133	mg/kg dry	5	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

WTT-1b @ 4 ft
8I13008-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (p/m)	ND	0.0213	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (o)	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		120 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	36.5	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		122 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	36.5	26.6	mg/kg dry	1	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

ETT-1b @ 4 ft

8I13008-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (p/m)	ND	0.0213	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (o)	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	40.7	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		129 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	40.7	26.6	mg/kg dry	1	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

ETT-1c @ 4 ft

8I13008-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (p/m)	ND	0.0213	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (o)	ND	0.0106	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.6 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		128 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

NTT-1a @ 4 ft

8I13008-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.113	0.0213	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Toluene	2.91	0.213	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Ethylbenzene	2.81	0.106	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (p/m)	11.4	0.426	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (o)	5.31	0.213	mg/kg dry	20	P8I1401	09/14/18	09/14/18	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		95.1 %		75-125	P8I1401	09/14/18	09/14/18	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.7 %		75-125	P8I1401	09/14/18	09/14/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1930	133	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	3440	133	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	433	133	mg/kg dry	5	P8I1407	09/13/18	09/14/18	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		116 %		70-130	P8I1407	09/13/18	09/14/18	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		101 %		70-130	P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	5800	133	mg/kg dry	5	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

NTT-1b @ 4 ft

8I13008-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00515	0.00108	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Toluene	ND	0.0108	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Ethylbenzene	ND	0.00538	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (p/m)	ND	0.0215	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Xylene (o)	ND	0.0108	mg/kg dry	1	P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	75-125		P8I1401	09/14/18	09/14/18	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	P8I1402	09/14/18	09/14/18	ASTM D2216	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.9	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I1407	09/13/18	09/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		136 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	S-GC
Surrogate: o-Terphenyl		126 %	70-130		P8I1407	09/13/18	09/14/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/13/18	09/14/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P8I1401 - General Preparation (GC)

Blank (P8I1401-BLK1)

Prepared & Analyzed: 09/14/18

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.0100	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.0200	"							
Xylene (o)	ND	0.0100	"							
Surrogate: 1,4-Difluorobenzene	0.0573		"	0.0600		95.5	75-125			
Surrogate: 4-Bromofluorobenzene	0.0681		"	0.0600		113	75-125			

LCS (P8I1401-BS1)

Prepared & Analyzed: 09/14/18

Benzene	0.105	0.00100	mg/kg wet	0.100		105	70-130			
Toluene	0.112	0.0100	"	0.100		112	70-130			
Ethylbenzene	0.0980	0.00500	"	0.100		98.0	70-130			
Xylene (p/m)	0.218	0.0200	"	0.200		109	70-130			
Xylene (o)	0.114	0.0100	"	0.100		114	70-130			
Surrogate: 4-Bromofluorobenzene	0.0707		"	0.0600		118	75-125			
Surrogate: 1,4-Difluorobenzene	0.0664		"	0.0600		111	75-125			

LCS Dup (P8I1401-BSD1)

Prepared & Analyzed: 09/14/18

Benzene	0.102	0.00100	mg/kg wet	0.100		102	70-130	2.10	20	
Toluene	0.110	0.0100	"	0.100		110	70-130	1.64	20	
Ethylbenzene	0.108	0.00500	"	0.100		108	70-130	9.26	20	
Xylene (p/m)	0.208	0.0200	"	0.200		104	70-130	4.75	20	
Xylene (o)	0.113	0.0100	"	0.100		113	70-130	1.13	20	
Surrogate: 1,4-Difluorobenzene	0.0675		"	0.0600		112	75-125			
Surrogate: 4-Bromofluorobenzene	0.0743		"	0.0600		124	75-125			

Matrix Spike (P8I1401-MS1)

Source: 8I13004-02

Prepared & Analyzed: 09/14/18

Benzene	0.0901	0.00102	mg/kg dry	0.102	ND	88.3	80-120			
Toluene	0.0864	0.0102	"	0.102	0.00259	82.2	80-120			
Ethylbenzene	0.0844	0.00510	"	0.102	ND	82.7	80-120			
Xylene (p/m)	0.147	0.0204	"	0.204	0.00356	70.4	80-120			QM-07
Xylene (o)	0.0740	0.0102	"	0.102	0.00119	71.3	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.0756		"	0.0612		124	75-125			
Surrogate: 4-Bromofluorobenzene	0.0803		"	0.0612		131	75-125			S-GC

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P8I1401 - General Preparation (GC)

Matrix Spike Dup (P8I1401-MSD1)		Source: 8113004-02			Prepared & Analyzed: 09/14/18					
Benzene	0.0899	0.00102	mg/kg dry	0.102	ND	88.1	80-120	0.272	20	
Toluene	0.0855	0.0102	"	0.102	0.00259	81.3	80-120	1.10	20	
Ethylbenzene	0.0873	0.00510	"	0.102	ND	85.5	80-120	3.35	20	
Xylene (p/m)	0.155	0.0204	"	0.204	0.00356	74.2	80-120	5.27	20	QM-07
Xylene (o)	0.0738	0.0102	"	0.102	0.00119	71.2	80-120	0.168	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.0770		"	0.0612		126	75-125			S-GCI
Surrogate: 4-Bromofluorobenzene	0.0867		"	0.0612		142	75-125			S-GCI

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P8I1402 - * DEFAULT PREP *****

Blank (P8I1402-BLK1)	Prepared & Analyzed: 09/14/18									
% Moisture	ND	0.1	%							
Duplicate (P8I1402-DUP1)	Source: 8I12007-01 Prepared & Analyzed: 09/14/18									
% Moisture	11.0	0.1	%		14.0			24.0	20	
Duplicate (P8I1402-DUP2)	Source: 8I13001-04 Prepared & Analyzed: 09/14/18									
% Moisture	12.0	0.1	%		11.0			8.70	20	
Duplicate (P8I1402-DUP3)	Source: 8I13003-09 Prepared & Analyzed: 09/14/18									
% Moisture	6.0	0.1	%		5.0			18.2	20	
Duplicate (P8I1402-DUP4)	Source: 8I13009-04 Prepared & Analyzed: 09/14/18									
% Moisture	44.0	0.1	%		42.0			4.65	20	
Duplicate (P8I1402-DUP5)	Source: 8I13009-08 Prepared & Analyzed: 09/14/18									
% Moisture	30.0	0.1	%		36.0			18.2	20	

Batch P8I1412 - * DEFAULT PREP *****

Blank (P8I1412-BLK1)	Prepared: 09/14/18 Analyzed: 09/17/18									
Chloride	ND	1.00	mg/kg wet							
LCS (P8I1412-BS1)	Prepared: 09/14/18 Analyzed: 09/17/18									
Chloride	402	1.00	mg/kg wet	400		100	80-120			
LCS Dup (P8I1412-BSD1)	Prepared: 09/14/18 Analyzed: 09/17/18									
Chloride	404	1.00	mg/kg wet	400		101	80-120	0.477	20	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P8I1412 - * DEFAULT PREP *****

Duplicate (P8I1412-DUP1)		Source: 8I14002-02			Prepared & Analyzed: 09/14/18					
Chloride	1420	5.38	mg/kg dry		1420			0.136	20	
Duplicate (P8I1412-DUP2)		Source: 8I13008-01			Prepared & Analyzed: 09/14/18					
Chloride	1.58	1.03	mg/kg dry		1.51			4.68	20	
Matrix Spike (P8I1412-MS1)		Source: 8I14002-02			Prepared & Analyzed: 09/14/18					
Chloride	2500	5.38	mg/kg dry	1080	1420	100	80-120			

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8I1407 - TX 1005										
Blank (P8I1407-BLK1)				Prepared: 09/13/18 Analyzed: 09/14/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	136		"	100		136	70-130			S-GC
Surrogate: o-Terphenyl	63.0		"	50.0		126	70-130			
LCS (P8I1407-BS1)				Prepared: 09/13/18 Analyzed: 09/14/18						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125			
>C12-C28	1020	25.0	"	1000		102	75-125			
Surrogate: 1-Chlorooctane	131		"	100		131	70-130			S-GC
Surrogate: o-Terphenyl	54.2		"	50.0		108	70-130			
LCS Dup (P8I1407-BSD1)				Prepared: 09/13/18 Analyzed: 09/14/18						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125	1.74	20	
>C12-C28	989	25.0	"	1000		98.9	75-125	2.95	20	
Surrogate: 1-Chlorooctane	130		"	100		130	70-130			
Surrogate: o-Terphenyl	54.8		"	50.0		110	70-130			
Duplicate (P8I1407-DUP1)				Source: 8I13008-09		Prepared: 09/13/18 Analyzed: 09/14/18				
C6-C12	17.3	26.9	mg/kg dry		13.5			24.5	20	
>C12-C28	31.1	26.9	"		11.0			95.5	20	
Surrogate: 1-Chlorooctane	149		"	108		138	70-130			S-GC
Surrogate: o-Terphenyl	69.8		"	53.8		130	70-130			

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: Plains Jal Basin
Project Number: 2018-101
Project Manager: Sylwia Reynolds

Fax: (432) 520-7701

Notes and Definitions

S-GC1 Surrogate recovery outside of control limits. A second analysis confirmed the original results..

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/17/2018

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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Permian Basin Environmental Lab, L.P.

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Page 19 of 19

PBMLAB

Project Manager: Sylvia Reynolds

Project Name: Plains Jal Basin

Company Name: TRC Environmental Corp.

Project #: 2018-101

Company Address: 10 Desta Drive Suite 150E

Project Loc: Lee, NM

City/State/Zip: Midland/TX/79705

PO #:

Telephone No: (432)5207720

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: Sylvia Reynolds

e-mail: sreynolds@trcsolutions.com
interner@trcsolutions.com
clorvant@paalp.com
aigroves@paalp.com

(lab use only)

ORDER #: 8113005

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix	TPH: 418.1 8015M 8015B	TPH: TX 1005 Ext TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	TCLP Benzene	SPECIAL INSTRUCTION	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	BH-1 @ 15ft	15ft	15ft	9/12/2018	8:00		1	X										X															X
02	STT-1a @ 7.5 ft	7.5ft	7.5ft	9/12/2018	8:30		1	X										X															X
03	STT-1b @ 4ft	4ft	4ft	9/12/2018	9:00		1	X										X															X
04	WTT-1a @ 4ft	4ft	4ft	9/12/2018	9:30		1	X										X															X
05	WTT-1b @ 4ft	4ft	4ft	9/12/2018	10:00		1	X										X															X
06	ETT-1b @ 4ft	4ft	4ft	9/12/2018	10:30		1	X										X															X
07	ETT-1c @ 4 ft	4ft	4ft	9/12/2018	11:00		1	X										X															X
08	NTT-1a @ 4ft	4ft	4ft	9/12/2018	11:30		1	X										X															X
09	NTT-1b @ 4ft	4ft	4ft	9/12/2018	12:00		1	X										X															X

Special Instructions: Bill Plains, C/O Camille Bryant
BH-1 @ 15 ft BTEX on hold

Relinquished by: <u>Reynolds</u>	Date: <u>9/12/18</u>	Time: <u>16:00</u>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by: <u>Asheley yagar</u>	Date: <u>9/13/18</u>	Time: <u>8:52</u>

Received by PBEL:

Temperature Upon Receipt: 9.6 °C

Adjusted: 4 °C Factor

Laboratory Comments:

Sample Containers: Intact?

VOCS Free of Headspace? N

Custody seals on containers? N

Custody seals on containers? N

Sample Hand Delivered N

by Sampler/Client Rep. ? N

by Counter? N

UPS N

DHL N

FedEx N

Lone Star N

Attachment #8

State of New Mexico
Oil Conservation Division

Incident ID	NOY1827131341
District RP	1RP-5213
Facility ID	fOY1827131144
Application ID	pOY1827130845

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Amber Groves Title: Remediation Coordinator
Signature: Amber Groves Date: 9/9/2019
email: agroves@pacap.com Telephone: 575-200-5517

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Attachment #9

Logger:	Nick Kopiasz					
Driller:	HCI Drilling					
Drilling Method:	6" Air Rotary			Company: Plains AAPL Project Name: Jal Basin Station Project Consultant: Tasman		
Start Date:	4/29/2019			Well ID: SB-1		
End Date:	4/29/2019			Location: NE 1/4, NE 1/4, Sect. 5, Twn. 26S, Rng. 37 E Lat: 32.0793 Long: -103.1799 County: Lea State: NM		
Comments: DRAFTED BY: Nick Kopiasz TD = 30' GW = ~85.5'						
Depth (feet)	Analyte Name	LAB (mg/kg)	PID (ppm)	Description	Lithology	Well Construction
SS			0	Backfill		
5 ft			0	Backfill		
10 ft	GRO	1,460	1,660	SM-brown, silty sand, trace caliche cobbles, hydrocarbon odor (HCO)		
	DRO	2,800				
	MRO	220				
	Total TPH	4,480				
15 ft	GRO	1,140	1,277	SM-brown, silty sand, HCO		Bentonite Seal
	DRO	3,960				
	MRO	306				
	Total TPH	5,410				
20 ft	GRO	976	910	SC-mottled brown and light tan, very fine sand with clay, HCO		
	DRO	3,360				
	MRO	270				
	Total TPH	4,870				
25 ft	GRO	822	1,281	SW-light tan, well graded sands with weathered caliche, HCO		
	DRO	3,360				
	MRO	270				
	Total TPH	4,450				
30 ft	GRO	58.5	275	SM-tan, silty sand, slight HCO		
	DRO	842				
	MRO	89.9				
	Total TPH	990				

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 1582

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay St, Ste 1600 Houston, TX 77002	OGRID: 34053
	Action Number: 1582
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
kcollins	NOTE: Deferral As per report submitted Sept 10, 2019.	6/16/2021