

Incident ID	NRM1927743918
District RP	1RP-5730
Facility ID	fOY1827131144
Application ID	pRM1927743126

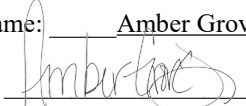
## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amber Groves Title: Remediation Coordinator  
Signature:  Date: 5/5/2020  
email: algroves@paalp.com Telephone: 575-200-5517

### OCD Only

Received by: Cristina Eads Date: 05/12/2020

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 07/15/2020

Printed Name: Cristina Eads Title: Environmental Specialist



12600 WEST CO RD 91

MIDLAND, TX 79707

OFFICE: 432.653.4203

## **SOIL REMEDIATION ACTIVITIES REPORT AND RISK BASED CLOSURE REQUEST**

PLAINS PIPELINE, L.P.

JAL STATION TANK 1286 PUMP RELEASE

LEA COUNTY, NM

NMOCD INCIDENT #: 1RP-5730

SRS #: 2019-132

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7. Liner Installation, Soil Disposal, and Site Restoration
8. Closure Request

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May 6, 2020

New Mexico Oil Conservation Division District 1  
1625 N. French Drive  
Hobbs, New Mexico 88240

**Re: Soil Remediation Activities Report and Risk Based Closure Request**

**Jal Station Tank 1286 Pump Release**

**Unit Letter P, Section 32, Township 25S, Range 37E**

**GPS: N 32.0806795°, W 103.1790078°**

**Lea County, New Mexico**

**NMOCD Incident #s : 1RP-5730**

**SRS #: 2019-132**

## **1. Introduction**

Dean Companies, Inc. (Dean) is pleased to present this Soil Remediation Activities Report and Closure Request on behalf of Plains Pipeline, L.P. (Plains) to document the field soil remediation activities that were conducted at the Jal Station Tank 1286 Release site. The crude oil release occurred off Tank Farm Road and Hwy 18, approximately 2.36 miles south to southeast of Jal in Lea County, New Mexico in Unit Letter P, Section 32, Township 25S, and Range 37E (release was inadvertently marked as Unit Letter A, Section 5, Township 26S, Range 37E on the original C-141 submitted to the NMOCD). The GPS coordinates for the site is N 32.0806795° and W - 103.1790078°. A "Site Location Map" is provided as Figure 1.

## **2. Release Description and Response**

On October 2, 2019, a crude oil release occurred at the Jal Station Tank 1286 Pump and was attributed to a coupler not replaced during maintenance between the pump and motor causing a seal failure. Approximately eighty (80) barrels (bbls) of crude was released with seventy (70) bbls recovered for a net loss of ten (10) bbls of crude. The release was contained onsite affecting an



area measuring approximately one hundred eighty (180) feet (ft) in length by twenty (20) ft in width with a maximum depth of nine (9) ft below ground surface (bgs).

On October 2, 2019, Dean was assigned management responsibilities for impacted soil delineation, remediation, soil sampling, site restoration, and reporting activities by Plains. On October 3, 2019, Plains submitted the initial C-141 Form to the NMOCD (Appendix A).

### **3. NMOCD Regulatory Limits**

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and follow the criteria in the revised August 2018 Title 19 Chapter 15 Part 29 New Mexico Administration Code (19.15.29 NMAC) regulations. Groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the New Mexico Bureau of Geology & Mineral Resources (NMBGMR) were accessed to determine if any registered water wells in or near Unit Letter P, Section 32, Township 25S, and Range 37E. Neither of the two databases identified any registered water wells in or near Unit Letter P, Section 32, Township 25S, and Range 37E. However, a review of groundwater reports submitted to the NMOCD, indicate that Shell Pipeline Company, LP (Shell) has installed monitor wells in Section 32, Township 25S, and Range 37E with groundwater measured (as of 2012) at depths of 85 feet bgs. See Appendix B for the Shell Oil Company groundwater gauging tables at the site. In addition, according to the Bureau of Land Management (BLM) the site is located in an area of low potential karst topography. See Figure 2 "Site Location Relative to Known Regional Karst Topography". As outlined in 19.15.29.12.B. (4) NMAC, the release does not occur in referenced sensitive areas, with the nearest water body feature being Monument Draw located approximately 5.6 miles east of the site. Meeting the previous criteria, the NMOCD restoration and cleanup levels for soils impacted by hydrocarbons at depths of 50 to 100 feet bgs are as follow:

- Chloride 10,000 mg/Kg
- TPH (GRO + DRO) 1,000 mg/Kg
- Total TPH 2,500 mg/Kg
- Benzene 10 mg/Kg
- Total BTEX 50 mg/Kg

### **4. Soil Assessment Activities and Sample Analysis**

Between October 2 and October 30, 2019, Dean Personnel conducted soil assessment activities at the release site. A hand auger was utilized to collect soil samples from the site to determine

depth of hydrocarbon impacts. Soil samples were collected at one (1) ft. intervals to a depth of eight (8) feet bgs across eleven (11) auger hole locations (ET-1 through ET-4, ST-1, NT-1, WT-1 through WT-4 and RP-1) and placed into laboratory-provided sample containers, labeled, stored on ice, and transported under proper chain-of-custody documentation to Cardinal Labs of Hobbs, New Mexico (Cardinal). Samples were analyzed for total petroleum hydrocarbons (TPH) utilizing Method SW-846 8015M, benzene, toluene, ethylbenzene, and xylenes (BTEX) utilizing Method SW-846 8021B, and chlorides utilizing Method 4500-CL-B. See Figure 3 "Site Details and Confirmation Soil Sample Location". Benzene concentrations were below the NMOCD standards of 10 milligrams per kilogram (mg/Kg) for all samples analyzed with the exception of soil sample WT-1 @ 2', which exhibited a benzene concentration of 33.4 mg/Kg. Total BTEX were below NMOCD standards of 50 mg/Kg for all samples analyzed with the exception of soil samples WT-1 @ 2' and WT-1 @ 4', which exhibited BTEX concentrations of 664 mg/Kg and 100.76 mg/Kg, respectively. TPH concentrations were below the NMOCD standards of 1,000 mg/Kg for Gro+Dro in all samples with the exception of soil samples WT-1 @ 2' through WT-1 @ 8', RP-1 @ 2', RP-1 @ 6' and RP-1 @ 8', with concentrations ranging from 1,434 mg/Kg (RP-1 @ 6') to 35,700 mg/Kg (WT-1 @ 2'). Total TPH concentrations were below the NMOCD standards of 2,500 mg/Kg for Gro+Dro+Oro in all samples with the exception of soil samples WT-1 @ 2' through WT-1 @ 8', RP-1 @ 2' and RP-1 @ 8', with concentrations ranging from 6,001 mg/Kg (WT-1 @ 6') to 38,920 mg/Kg (RP-1 @ 8'). See Table 1 for delineation analytical results. Chlorides were below NMOCD standards of 10,000 mg/Kg for all samples collected and analyzed. In order to complete vertical delineation of the hydrocarbons at the site, a backhoe was utilized on October 30, 2019 to trench three (3) feet north (due to overhead piping site was moved approximately three (3) feet north) of auger hole RP-1 to a depth of nine (9) ft. bgs. A soil sample (RP-1 @ 9') was collected and submitted to Cardinal for analysis of TPH. The TPH concentrations were below the NMOCD standards with a result of 185 mg/Kg (Gro+Dro) and 222 mg/Kg (Gro+Dro+Oro). Laboratory reports containing analytical methods, results, and chain-of-custody documents are included in Appendix C. Soil impacts were vertically delineated at the site to a depth of nine (9) feet bgs. See Figure 4 for aerial view of release area.

### **5. Soil Remediation and Wall Confirmation Soil Sampling**

Between October 10 and November 15, 2019, Dean Personnel conducted soil remediation activities along with third party oversight of Copper Head Services at the Jal Station Release site. Remediation commenced utilizing hand excavation of hydrocarbon impacted soils beneath the onsite piping with excavated soils stockpiled on plastic. Based on visual staining and olfactory

senses, the site was excavated to a maximum depth of five (5) ft bgs, even though the initial site assessment indicated the site was delineated at a depth of one (1) to two (2) ft bgs. At a depth of five (5) ft bgs, a 20-mil polyethylene liner was encountered at the site measuring approximately twenty-five (25) ft by fifty (50) ft. The encountered liner was installed on December 23, 2014, as part of remediation efforts from a previous release at the site which occurred on April 14, 2014 (1RP-3188). During the current excavation, the liner was left undisturbed and the soils adjacent to it were hand excavated. In order to complete delineation of the site, a photoionization detector (PID) was utilized to field screen soils along the walls. The walls were hand excavated in all four (4) directions until PID readings were below 100 parts per million (ppm). See Site Photographs in Appendix D. Final dimensions of the excavation were approximately one hundred eighty-five (185) ft. in length, by six (6) ft. to eighteen (18) ft. in width to a depth of four (4) to five (5) ft bgs. Approximately 876 cubic yards of soil were removed and stockpiled on plastic at the site. Due to limited accessibility from overhead piping, additional hydrocarbon impacted soils above NMOCD cleanup standards of 1,000 mg/Kg TPH (GRO+DRO) and 2,500 mg/Kg total TPH could not be excavated to depth and were left in-situ (i.e. soil delineation samples WT-1 @ 6' and RP-1 @ 6' to 9' bgs) at the base of the excavation.

On November 18, 2019, ten (10) confirmation five (5) point composite wall soil samples (NSW-1 @ 4', NSW-2 @ 5', NSW-3 @ 4', NSW-4 @ 4', SSW-1 @ 4', SSW-2 @ 4', SSW-3 @ 4', SSW-4 @ 4', ESW-1 @ 4' and WSW-1 @ 4') were collected within two hundred (200) feet of each other from the four side walls and submitted for analysis of TPH, BTEX, and chlorides to Cardinal. The analytical results were below the NMOCD standards for all samples analyzed. See Figure 5 "Wall Soil Sample Location Map" for wall sample locations and Table 2 for confirmation analytical results. With the wall confirmation soil sample analytical results, the site appears to be delineated horizontally.

## **6. Variance Request and NMOCD Response.**

In a report dated December 3, 2019, entitled "*Characterization, Remedial Activities Report, and Variance Request*", Plains requested a variance to the current rules, due to limited accessibility to soils (i.e. overhead piping), thus allowing the remaining impacted soils to be left in-situ. In addition, Plains proposed to install a 20-mil polyethylene liner throughout the entire base of the excavation in order to prevent further vertical migration of the impacted soil and backfill the site with materials with like source clean soils. In an email dated February 12, 2020, the NMOCD granted Plains the variance to the current rule for the site. See Appendix A for C-141 Remediation Form and Appendix E for NMOCD variance approval.

## **7. Liner Installation, Soil Disposal and Site Restoration**

On February 19, 2020, Akome Company of Hobbs, New Mexico was onsite to install the twenty (20) mil polyethylene liner across the entire base of the excavation. The liner was installed at a depth of four (4) to five (5) ft bgs with dimensions of approximately one hundred eighty-five (185) ft in length, by six (6) ft to eighteen (18) ft in width. The current liner was installed atop the previously installed liner of December 23, 2014. See attached Photographs in Appendix D. See Figure 6 for "Site Excavation and Liner Installation Map".

Upon completion of the installation of the liner, Dean was onsite from February 19 through February 26, 2020 to backfill the excavation with locally sourced non-impacted soils and the site brought up to grade. Approximately 876 cubic yards of hydrocarbon impacted soils were transported offsite for disposal at Lazy Ace Land Farm, LLC in Eunice, New Mexico. See Appendix F for waste manifests. The site restoration was completed in compliance with the approved NMOCD acceptance of the "*Characterization, Remedial Activities Report, and Variance Request*" report dated December 3, 2019.

## **8. Closure Request**

With the completion of the installation of the 20-mil polyethylene liner and backfilling of the excavation with locally sourced non-impacted soils, Plains believes the site has been remediated to within standards set forth in the NMOCD approved December 3, 2019 report. As such, Plains respectfully requests that the NMOCD consider the site for risk-based closure. A C-141 closure is attached to the front of this report.

If you have any questions, or if additional information is required, please feel free to contact Amber Groves (email: [ALGroves@paalp.com](mailto:ALGroves@paalp.com), cell: 575.200.7717) of Plains or Sylwia Reynolds (email: [sylwiareynolds@deandigs.com](mailto:sylwiareynolds@deandigs.com), cell: 432.999.8675) or Jeff Kindley (email: [jeffreykindley@deandigs.com](mailto:jeffreykindley@deandigs.com) cell: 432.230.0920) of Dean.

Sincerely,



**Sylwia Reynolds**

Project Manager



**Jeffrey Kindley, PG.**

Professional Geologist

## **TABLES**



**Table 1 - Delineation**  
**Concentrations of TPH, BTEX and Chlorides in Soil**  
**Plains Pipeline, L.P.**  
**Plains Jal Station Release**  
**SRS # 2019-132**  
**Lea County, New Mexico**

SAMPLE INFORMATION					TPH METHOD: 8015M					BTEX METHOD 8021B					CHLORIDES SM4500 (mg/kg)
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	GRO + DRO C6-28 (mg/kg)	ORO >C28-C36 (mg/kg)	TOTAL TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TOTAL BTEX (mg/kg)	
ET-1 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
ET-2 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	0.115	0.098	0.406	0.619	16.0
ET-3 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
ET-4 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
ST-1 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
NT-1 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
WT-1 @ 2'	10/02/19	2 ft	GRAB	SOIL	14,200	21,500	35,700	3,220	38,920	33.4	223	75.8	332	664	16.0
WT-1 @ 4'	10/02/19	4 ft	GRAB	SOIL	1,540	5,150	6,690	829	7,519	2.26	28.3	13.0	57.2	100.76	-
WT-1 @ 6'	10/02/19	6 ft	GRAB	SOIL	759	4,500	5,259	742	6,001	0.124	3.01	3.13	8.41	14.67	-
WT-1 @ 8'	10/02/19	8 ft	GRAB	SOIL	1,260	4,200	5,460	578	6,038	-	-	-	-	-	-
WT-2 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	0.093	0.250	0.055	<0.150	0.547	16.0
WT-3 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
WT-4 @ 2'	10/02/19	2 ft	GRAB	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
RP-1 @ 2'	10/02/19	2 ft	GRAB	SOIL	358	4,150	4,508	1,000	5,508	0.056	0.522	2.37	5.76	8.708	16.0
RP-1 @ 4'	10/02/19	4 ft	GRAB	SOIL	15	832	847	389	1,236	-	-	-	-	-	-



**Table 1 - Delineation**  
**Concentrations of TPH, BTEX and Chlorides in Soil**  
**Plains Pipeline, L.P.**  
**Plains Jal Station Release**  
**SRS # 2019-132**  
**Lea County, New Mexico**

SAMPLE INFORMATION					TPH METHOD: 8015M					BTEX METHOD 8021B					CHLORIDES SM4500 (mg/kg)
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	GRO + DRO C6-28 (mg/kg)	ORO >C28-C36 (mg/kg)	TOTAL TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TOTAL BTEX (mg/kg)	
RP-1 @ 6'	10/02/19	6 ft	GRAB	SOIL	14	1,420	1,434	720	2,154	-	-	-	-	-	-
RP-1 @ 8'	10/02/19	8 ft	GRAB	SOIL	82.1	5,150	5,232.1	2,410	7,642.1	-	-	-	-	-	-
RP-1 @ 9'	10/30/19	9 ft	GRAB	SOIL	<10.0	185	185	37	222	-	-	-	-	-	-
<b>NMOCD Closure Criteria for Soils</b>					-	-	1,000	-	2,500	10	-	-	-	50	10,000

Soil excavated and placed in stockpiled.

Denotes depth of installed liner

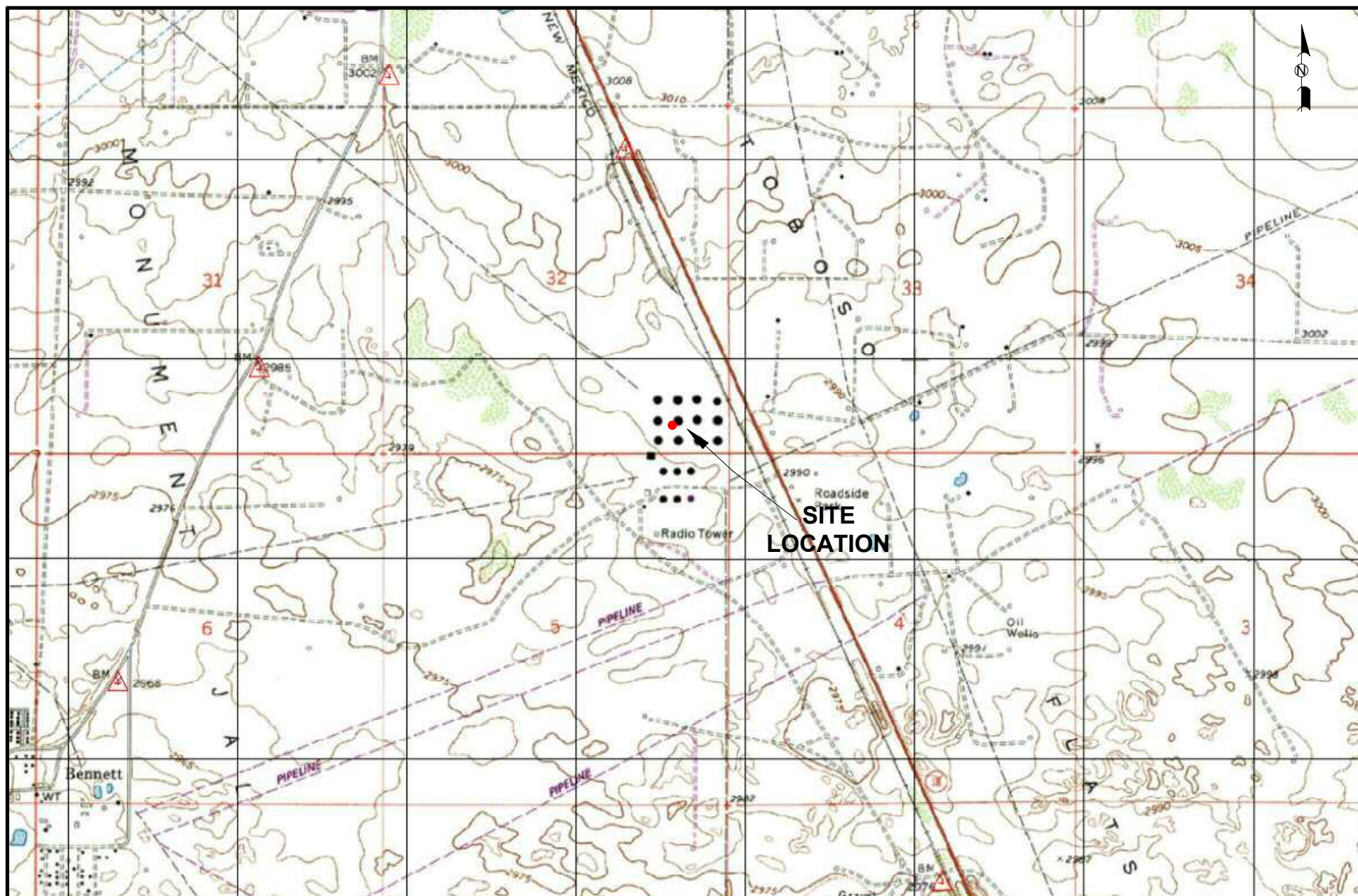


**Table 2 - Confirmation**  
**Concentrations of TPH, BTEX and Chlorides in Soil**  
**Plains Pipeline, L.P.**  
**Plains Jal Station Release**  
**SRS # 2019-132**  
**Lea County, New Mexico**




SAMPLE INFORMATION					TPH METHOD: 8015M					BTEX METHOD 8021B					CHLORIDES SM4500 (mg/kg)
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	GRO + DRO C6-28 (mg/kg)	ORO >C28-C36 (mg/kg)	TOTAL TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TOTAL BTEX (mg/kg)	
NSW-1 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	10.1	10.1	<10.0	10.1	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
NSW-2 @ 5'	11/18/19	5 ft	COMP	SOIL	<10.0	33.6	33.6	<10.0	33.6	<0.050	<0.050	<0.050	<0.150	<0.300	32
NSW-3 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
NSW-4 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SSW-1 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	11.3	11.3	<10.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SSW-2 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SSW-3 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SSW-4 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
ESW-1 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
WSW-1 @ 4'	11/18/19	4 ft	COMP	SOIL	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
NMOCD Closure Criteria for Soils					-	-	1,000	-	2,500	10	-	-	-	50	10,000



## **FIGURES**



## LEGEND:

-  Surface Water
-  Native Grassland
-  Tanks

2000 1000 0 1000 2000

Distance in Feet

Figure 1  
 Site Location Map  
 Plains Pipeline, L.C.  
 Jal Station Tank #1286 Release  
 Lea County, NM

Scale: 1" = 2000'

CAD By: NPC

Checked By: JK

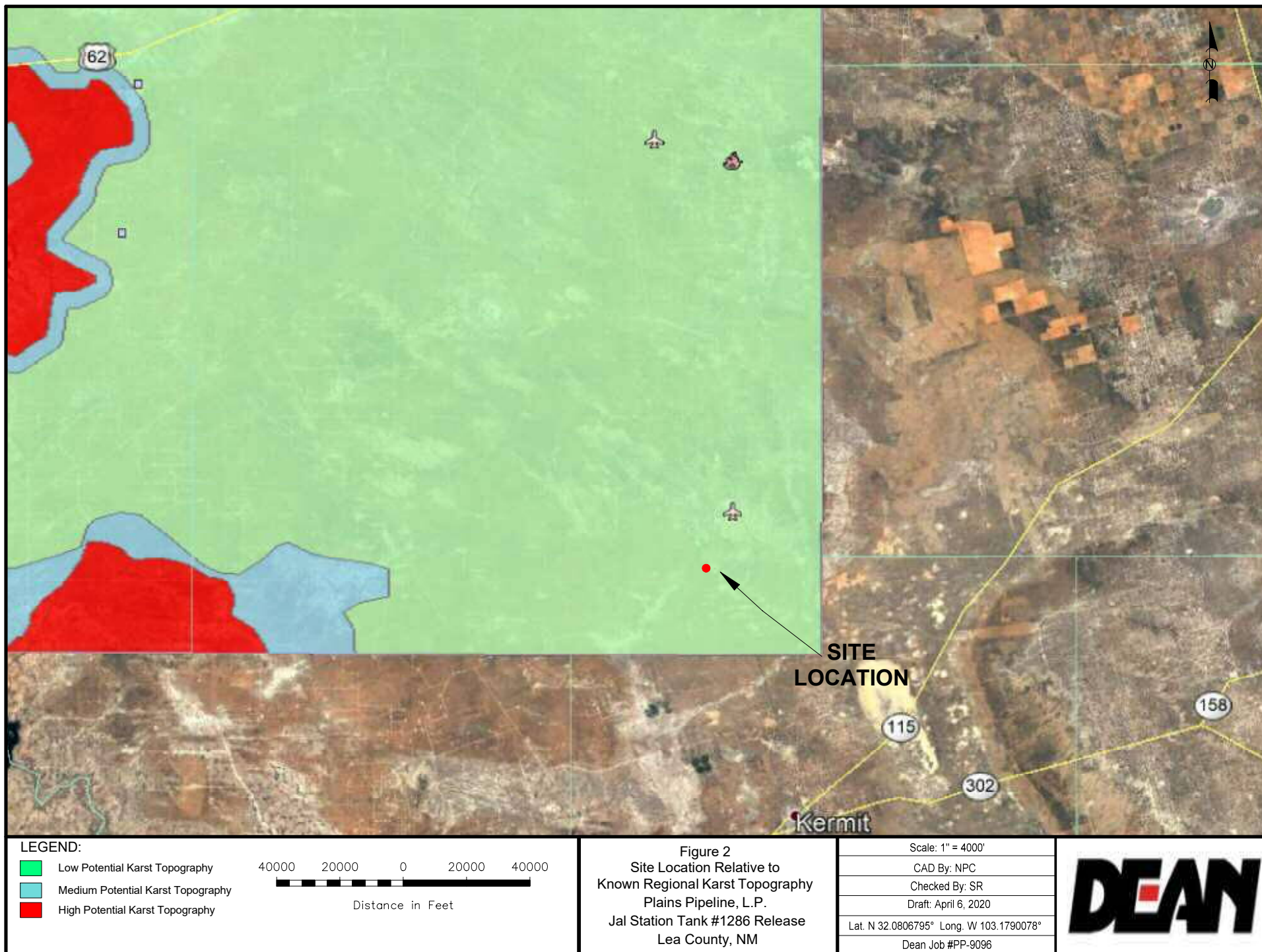
Draft: November 19, 2019

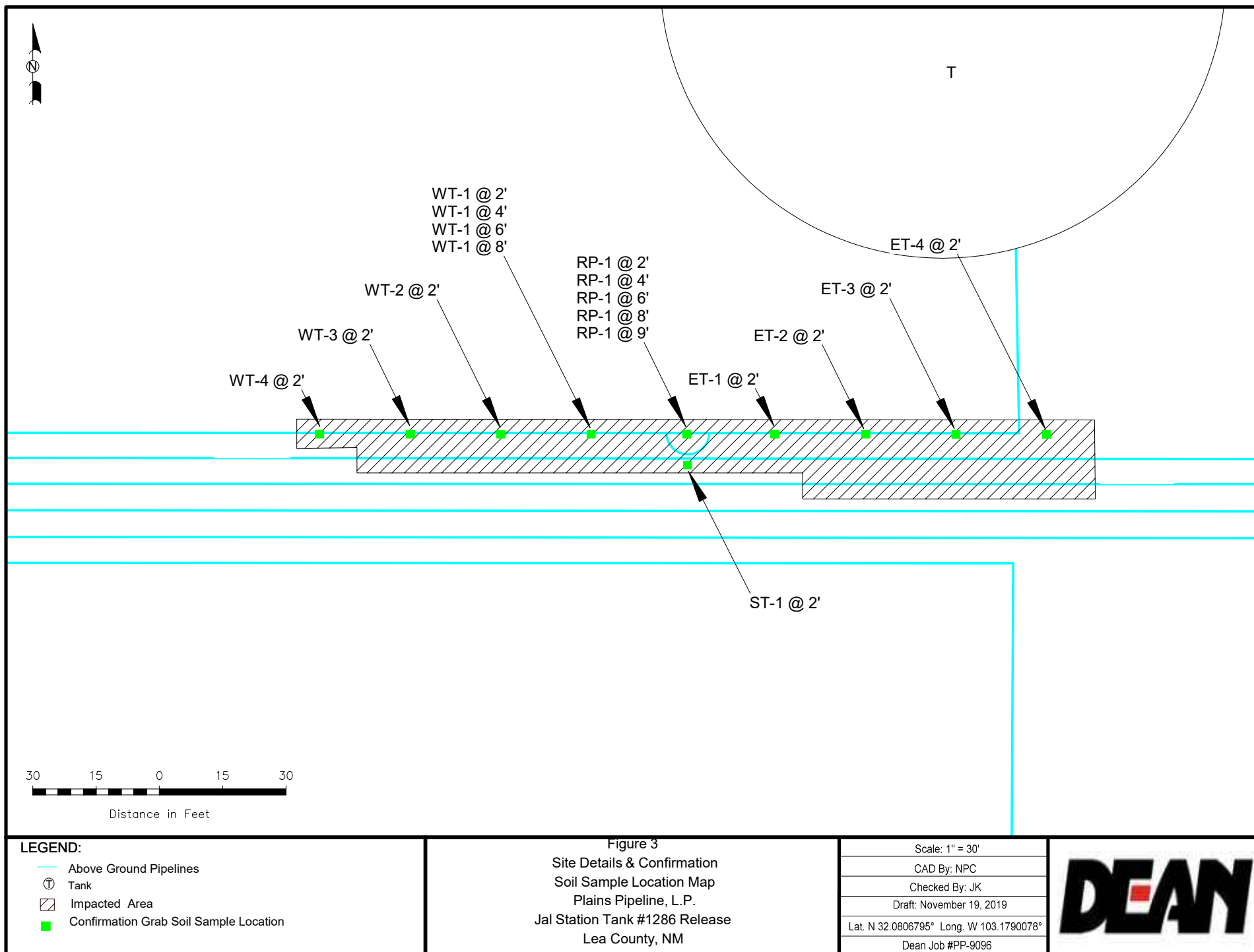
Lat. N 32.0806795° Long. W 103.1790078°

Dean Job #PP-9096











# JAL STATION RELEASE

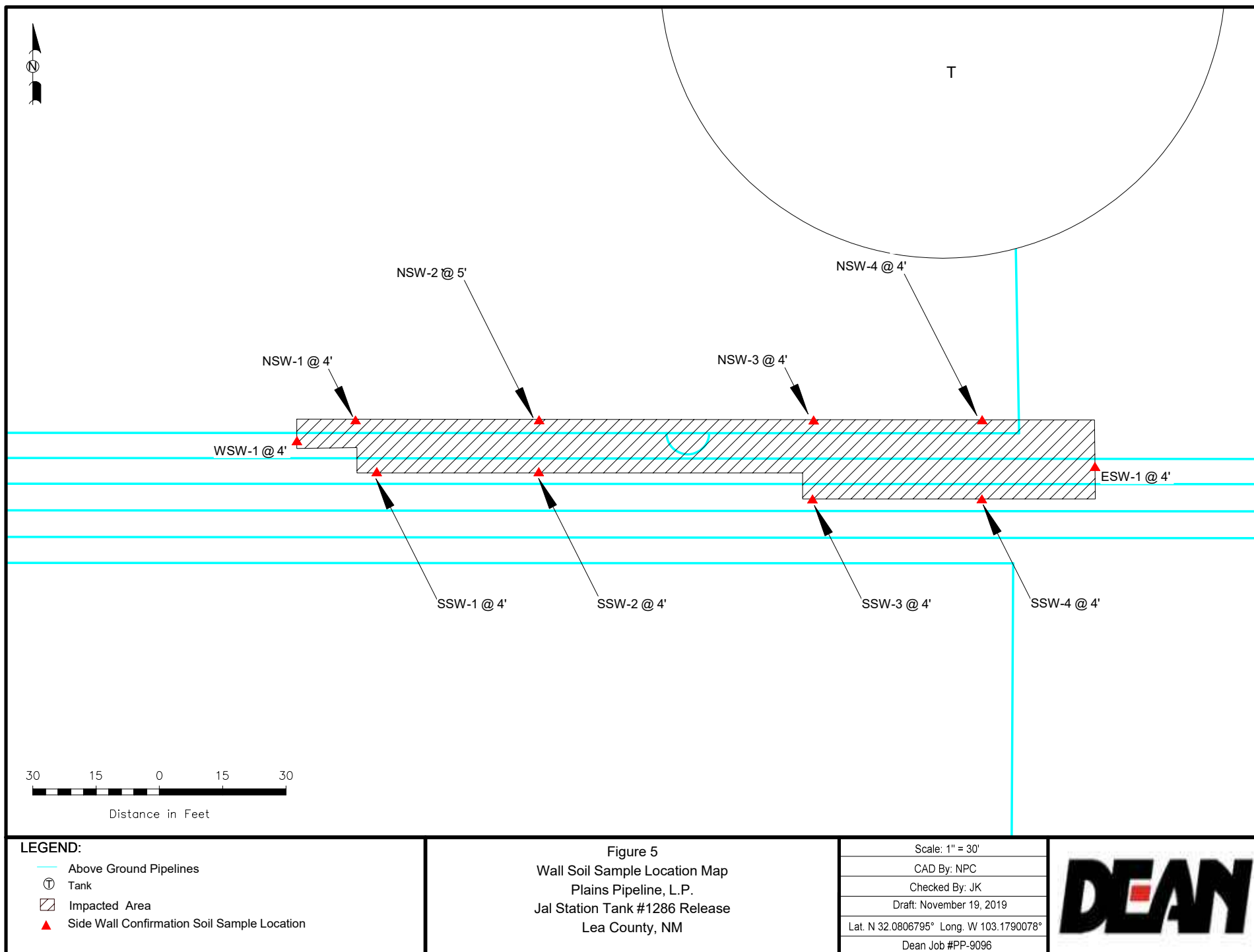
Figure 4  
Aerial View of the Release Area  
Plains Pipeline, L.P.  
Lea County, New Mexico

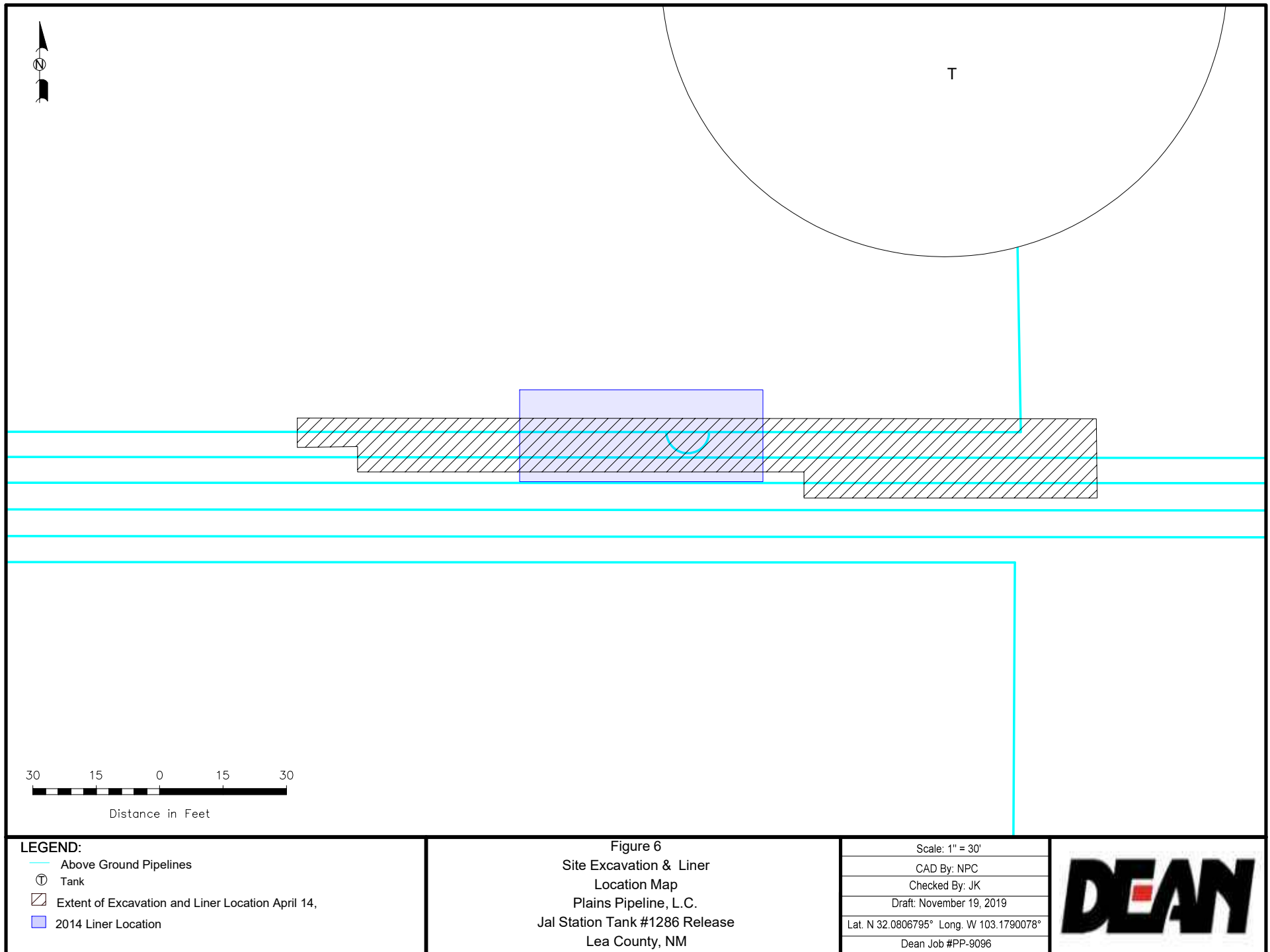
Legend

Extent of Excavation

Release Point







**APPENDIX A**  
**NMOCD C-141 FORMS**



Page 21 of 160  
Received by OCD: 10/3/2019 2:01:31 PM  
Received by OCD: 5/12/2020 8:53:36 AM

District I  
625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NRM1927743918
District RP	1RP-5730
Facility ID	fOY1827131144
Application ID	pRM1927743126

## Release Notification

### Responsible Party

Responsible Party Plains Pipeline, L.P.	OGRID 713291
Contact Name Amber Groves	Contact Telephone 575-200-5517
Contact email algroves@paalp.com	Incident # (assigned by OCD)
Contact mailing address 577 US HWY 385 N Seminole, TX 79360	

### Location of Release Source

Latitude 32.0806795 Longitude -103.1790078  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Jal Station Tank #1286 Pump	Site Type Tank Farm
Date Release Discovered 10/2/2019 @ 6:11 AM	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	5	26S	37E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☒ Private (Name: Plains Pipeline, LP)  
rlm/10/4/2019

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 80 bbls	Volume Recovered (bbls) 70 bbls
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release

A coupler between the pump and motor was removed during mechanical work being done and not replaced causing a seal failure on the pump.

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Form C-141  
Page 2  
Received by OCD: 5/12/2020 8:53:36 AM

State of New Mexico  
Oil Conservation Division

Incident ID	NRM1927743918
District RP	1RP-5730
Facility ID	fOY1827131144
Application ID	pRM1927743126

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Over 25 barrels
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Voicemail was left with Jim Griswold on 10/2/2019 @ 4:18 PM and Mike Bratcher @ 4:25 PM with follow up e-mail to generic D1 e-mail.	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Amber Groves</u>	Title: <u>Remediation Coordinator</u>
Signature: <u>Amber Groves</u>	Date: <u>10/3/2019</u>
email: <u>algroves@pdaup.com</u>	Telephone: <u>505-200-5517</u>
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>10/4/2019</u>

Incident ID	NRM1927743918
District RP	1RP-5730
Facility ID	FOY1827131144
Application ID	pRM1927743126

## 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 FloresTitle: Remediation CoordinatorSignature: Amber FloresDate: 11/20/2019email: aflores@paatp.comTelephone: 575-200-5517**OCD Only**Received by: Cristina Eads Date: 02/12/2020☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Cristina EadsDate: 02/12/2020

**APPENDIX B**  
**SHELL OIL COMPANY GROUNDWATER GAUGING DATA**

**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				2898.77
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

Monday, September 10, 2012

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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				2900.88
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
3/1/1999	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

Monday, September 10, 2012

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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
6/25/2002	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	87.51	87.51		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
9/18/1999	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	96.10	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
4/18/2001	2987.91	2990.81	TOC	85.00	100.00	96.40	91.00	5.40	0.830	2898.99
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	2900.56
12/22/2003	2987.91	2990.81	TOC	85.00	100.00	89.20	89.15	0.05	0.830	2901.85
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	2900.95
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
9/6/2006	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
6/19/2011	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	86.94	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	2904.84

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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 Top	Depth of Screen Bottom	Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec. Grav.	Corrected GW Elev.
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
12/22/2005	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
8/17/2009	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 Top	Depth of Screen Bottom	Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec. Grav.	Corrected GW Elev.
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	98.30				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	86.70				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				2902.41
6/29/2009	2988.47	2991.38	TOC	80.00	95.00	88.97				2902.13
9/17/2009	2988.47	2991.38	TOC	80.00	95.00	88.25				2901.91
12/20/2009	2988.47	2991.38	TOC	80.00	95.00	89.47				2901.78
2/20/2010	2988.47	2991.38	TOC	80.00	95.00	89.60				2901.51
6/28/2010	2988.47	2991.38	TOC	80.00	95.00	89.87				2901.26
10/23/2010	2988.47	2991.38	TOC	80.00	95.00	90.12				2901.03
3/18/2011	2988.47	2991.38	TOC	80.00	95.00	90.35				2900.84
6/18/2011	2988.47	2991.38	TOC	80.00	95.00	90.54				2900.52
12/31/2011	2988.47	2991.38	TOC	80.00	95.00	90.86				2900.30
3/31/2012	2988.47	2991.38	TOC	80.00	95.00	91.08				

**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 Top	Depth of Screen Bottom	Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec. Grav.	Corrected GW Elev.
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
6/9/2005	2987.40	2990.17	TOC	80.00	95.00	90.24	90.22	0.02	0.830	2899.95
6/26/2005	2987.40	2990.17	TOC	80.00	95.00	90.25	90.25		0.830	2899.92
9/27/2005	2987.40	2990.17	TOC	80.00	95.00	90.21	90.20	0.01	0.830	2899.97
10/2/2005	2987.40	2990.17	TOC	80.00	95.00	89.85	89.70	0.15	0.830	2900.44
10/14/2005	2987.40	2990.17	TOC	80.00	95.00	89.80	89.65	0.15	0.830	2900.49
10/17/2005	2987.40	2990.17	TOC	80.00	95.00	89.60				2900.57
10/24/2005	2987.40	2990.17	TOC	80.00	95.00	89.73	89.59	0.14	0.830	2900.56
12/2/2005	2987.40	2990.17	TOC	80.00	95.00	89.77	89.60	0.17	0.830	2900.54
3/3/2006	2987.40	2990.17	TOC	80.00	95.00	89.60	89.50	0.10	0.830	2900.65
4/12/2006	2987.40	2990.17	TOC	80.00	95.00	89.70	89.68	0.02	0.830	2900.49
5/30/2006	2987.40	2990.17	TOC	80.00	95.00	89.78				2900.39
6/7/2006	2987.40	2990.17	TOC	80.00	95.00	89.62				2900.57
9/8/2006	2987.40	2990.17	TOC	80.00	95.00	89.65				2900.55
6/17/2008	2987.40	2990.17	TOC	80.00	95.00	88.30				2900.32
7/4/2008	2987.40	2990.17	TOC	80.00	95.00	88.25	88.25		0.830	2901.87
7/24/2008	2987.40	2990.17	TOC	80.00	95.00	88.18	88.18		0.830	2901.92
8/26/2008	2987.40	2990.17	TOC	80.00	95.00	88.07	88.07		0.830	2901.99
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	2902.10
6/29/2009	2987.40	2990.17	TOC	80.00	95.00	88.32	88.32		0.830	2901.99
9/16/2009	2987.40	2990.17	TOC	80.00	95.00	88.67	88.67		0.830	2901.85

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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	2905.05
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	88.48	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	88.89	83.79	4.90	0.830	2904.85

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

Jal, NM

**NW-08**

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spac. 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	86.78	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	85.93	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

**MW-08**

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

**MW-09**

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

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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 Top	Depth of Screen Bottom	Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
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	91.01	91.01	0.01	0.830	2899.84
2/7/2005	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

**MW-10**

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

**MW-11**

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

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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
1/28/2005	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				2900.98
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	86.35				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
9/18/1999	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	2899.45
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	86.10	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
7/14/2008	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
12/9/2008	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 Top	Depth of Screen Bottom	Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec. Grav.	Corrected GW Elev.
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
8/3/2006	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 Data	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 Data	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					
6/25/2002	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				2898.09
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	2988.45	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	87.66				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
7/14/2008	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				2887.27
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
7/14/2008	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	87.84	87.80	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	88.05	0.09	0.830	2901.80
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	89.55		0.830	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	2901.88
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

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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
7/14/2008	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	2989.18	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	2989.18	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				2901.56
3/22/2003	2989.24	2991.56	TOC	80.00	100.00	92.58				2901.18
6/18/2003	2989.24	2991.55	TOC	80.00	100.00	92.58				2901.22

Monday, September 10, 2012

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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 Top	Depth of Screen Bottom	Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec. Grav.	Corrected GW Elev.
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	2898.56
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	2988.24	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
8/25/2008	2989.24	2991.56	TOC	80.00	100.00	89.17				2902.39
12/6/2008	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
9/6/2006	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

Monday, September 10, 2012

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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
8/17/2009	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

Monday, September 10, 2012

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## **APPENDIX C**

### **LABORATORY ANALYTICAL DATA**



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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October 17, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/03/19 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ET - 1 @ 2' (H903388-01)**

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12		
Toluene*	<0.050	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574		
Ethylbenzene*	<0.050	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05		
Total Xylenes*	<0.150	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858		
Total BTEx	<0.300	0.300	10/07/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 77.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2019	ND	206	103	200	2.47	
DRO >C10-C28*	<10.0	10.0	10/04/2019	ND	209	105	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/04/2019	ND					

Surrogate: 1-Chlorooctane 97.1 % 41-142

Surrogate: 1-Chlorooctadecane 99.5 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ET - 2 @ 2' (H903388-05)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12	
Toluene*	0.115	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574	
Ethylbenzene*	0.098	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	0.406	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858	
Total BTX	0.619	0.300	10/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 82.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2019	ND	206	103	200	2.47	
DRO >C10-C28*	<10.0	10.0	10/04/2019	ND	209	105	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/04/2019	ND					

Surrogate: 1-Chlorooctane 91.1 % 41-142

Surrogate: 1-Chlorooctadecane 92.7 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ET - 3 @ 2' (H903388-09)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12	
Toluene*	<0.050	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574	
Ethylbenzene*	<0.050	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858	
Total BTEX	<0.300	0.300	10/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2019	ND	206	103	200	2.47	
DRO >C10-C28*	<10.0	10.0	10/04/2019	ND	209	105	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/04/2019	ND					

Surrogate: 1-Chlorooctane 96.7 % 41-142

Surrogate: 1-Chlorooctadecane 98.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ET - 4 @ 2' (H903388-13)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12	
Toluene*	<0.050	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574	
Ethylbenzene*	<0.050	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858	
Total BTEX	<0.300	0.300	10/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					

Surrogate: 1-Chlorooctane 92.8 % 41-142

Surrogate: 1-Chlorooctadecane 94.6 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ST - 1 @ 2' (H903388-15)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12	
Toluene*	<0.050	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574	
Ethylbenzene*	<0.050	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858	
Total BTEX	<0.300	0.300	10/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 80.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					

Surrogate: 1-Chlorooctane 94.7 % 41-142

Surrogate: 1-Chlorooctadecane 96.5 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: NT - 1 @ 2' (H903388-19)**

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12		
Toluene*	<0.050	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574		
Ethylbenzene*	<0.050	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05		
Total Xylenes*	<0.150	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858		
Total BTEx	<0.300	0.300	10/07/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 82.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					

Surrogate: 1-Chlorooctane 89.9 % 41-142

Surrogate: 1-Chlorooctadecane 89.9 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WT - 1 @ 2' (H903388-23)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	33.4	2.00	10/08/2019	ND	1.85	92.3	2.00	2.12	
Toluene*	223	2.00	10/08/2019	ND	1.82	91.0	2.00	0.574	
Ethylbenzene*	75.8	2.00	10/08/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	332	6.00	10/08/2019	ND	5.53	92.2	6.00	0.858	
Total BTEX	664	12.0	10/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>14200</b>	50.0	10/07/2019	ND	199	99.3	200	1.79	
<b>DRO &gt;C10-C28*</b>	<b>21500</b>	50.0	10/07/2019	ND	199	99.6	200	1.01	
<b>EXT DRO &gt;C28-C36</b>	<b>3220</b>	50.0	10/07/2019	ND					

Surrogate: 1-Chlorooctane 403 % 41-142

Surrogate: 1-Chlorooctadecane 588 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WT - 1 @ 4' (H903388-24)**

BTEx 8021B		mg/kg	Analyzed By: BF					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.26</b>	0.500	10/11/2019	ND	1.90	95.1	2.00	5.04	QM-07
<b>Toluene*</b>	<b>28.3</b>	0.500	10/11/2019	ND	1.95	97.5	2.00	5.04	QM-07
<b>Ethylbenzene*</b>	<b>13.0</b>	0.500	10/11/2019	ND	1.98	99.1	2.00	4.82	QM-07
<b>Total Xylenes*</b>	<b>57.2</b>	1.50	10/11/2019	ND	5.92	98.7	6.00	5.20	QM-07
<b>Total BTEX</b>	<b>101</b>	3.00	10/11/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 73.3-129

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1540</b>	50.0	10/10/2019	ND	218	109	200	1.83	
<b>DRO &gt;C10-C28*</b>	<b>5150</b>	50.0	10/10/2019	ND	216	108	200	2.81	
<b>EXT DRO &gt;C28-C36</b>	<b>829</b>	50.0	10/10/2019	ND					

Surrogate: 1-Chlorooctane 151 % 41-142

Surrogate: 1-Chlorooctadecane 225 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WT - 1 @ 6' (H903388-25)**

BTX 8021B		mg/kg	Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.124</b>	0.050	10/16/2019	ND	1.90	95.0	2.00	3.01	
<b>Toluene*</b>	<b>3.01</b>	0.050	10/16/2019	ND	1.93	96.6	2.00	2.21	
<b>Ethylbenzene*</b>	<b>3.13</b>	0.050	10/16/2019	ND	1.95	97.5	2.00	3.04	
<b>Total Xylenes*</b>	<b>8.41</b>	0.150	10/16/2019	ND	5.88	98.0	6.00	3.48	
<b>Total BTX</b>	<b>14.7</b>	0.300	10/16/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 468 % 73.3-129

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	759	10.0	10/15/2019	ND	202	101	200	0.0346	
DRO >C10-C28*	4500	10.0	10/15/2019	ND	185	92.7	200	2.66	QM-07
EXT DRO >C28-C36	742	10.0	10/15/2019	ND					

Surrogate: 1-Chlorooctane 126 % 41-142

Surrogate: 1-Chlorooctadecane 192 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WT - 1 @ 8' (H903388-26)**

TPH 8015M	mg/kg	Analyzed By: MS						S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1260</b>	50.0	10/15/2019	ND	202	101	200	0.0346	
<b>DRO &gt;C10-C28*</b>	<b>4200</b>	50.0	10/15/2019	ND	185	92.7	200	2.66	
<b>EXT DRO &gt;C28-C36</b>	<b>578</b>	50.0	10/15/2019	ND					
<hr/>									
Surrogate: 1-Chlorooctane	172 %	41-142							
Surrogate: 1-Chlorooctadecane	187 %	37.6-147							

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WT - 2 @ 2' (H903388-27)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.093</b>	0.050	10/08/2019	ND	1.85	92.3	2.00	2.12	
<b>Toluene*</b>	<b>0.250</b>	0.050	10/08/2019	ND	1.82	91.0	2.00	0.574	
<b>Ethylbenzene*</b>	<b>0.055</b>	0.050	10/08/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/08/2019	ND	5.53	92.2	6.00	0.858	
<b>Total BTEX</b>	<b>0.547</b>	0.300	10/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	10/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					

Surrogate: 1-Chlorooctane 93.2 % 41-142

Surrogate: 1-Chlorooctadecane 93.8 % 37.6-147

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 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WT - 3 @ 2' (H903388-31)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12	
Toluene*	<0.050	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574	
Ethylbenzene*	<0.050	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858	
Total BTEx	<0.300	0.300	10/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 82.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					

Surrogate: 1-Chlorooctane 97.3 % 41-142

Surrogate: 1-Chlorooctadecane 98.0 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WT - 4 @ 2' (H903388-35)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12	
Toluene*	<0.050	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574	
Ethylbenzene*	<0.050	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858	
Total BTEx	<0.300	0.300	10/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					

Surrogate: 1-Chlorooctane 92.6 % 41-142

Surrogate: 1-Chlorooctadecane 94.1 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: RP - 1 @ 2' (H903388-39)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.056</b>	0.050	10/07/2019	ND	1.85	92.3	2.00	2.12	
<b>Toluene*</b>	<b>0.522</b>	0.050	10/07/2019	ND	1.82	91.0	2.00	0.574	
<b>Ethylbenzene*</b>	<b>2.37</b>	0.050	10/07/2019	ND	1.79	89.6	2.00	1.05	
<b>Total Xylenes*</b>	<b>5.76</b>	0.150	10/07/2019	ND	5.53	92.2	6.00	0.858	
<b>Total BTEx</b>	<b>8.71</b>	0.300	10/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-06					

Surrogate: 1-Chlorooctane 118 % 41-142

Surrogate: 1-Chlorooctadecane 194 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: RP - 1 @ 4' (H903388-40)**

TPH 8015M	mg/kg	Analyzed By: MS						S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>15.0</b>	10.0	10/10/2019	ND	218	109	200	1.83	
<b>DRO &gt;C10-C28*</b>	<b>832</b>	10.0	10/10/2019	ND	216	108	200	2.81	
<b>EXT DRO &gt;C28-C36</b>	<b>389</b>	10.0	10/10/2019	ND					

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 161 % 37.6-147

**Sample ID: RP - 1 @ 6' (H903388-41)**

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>14.0</b>	10.0	10/15/2019	ND	202	101	200	0.0346	
<b>DRO &gt;C10-C28*</b>	<b>1420</b>	10.0	10/15/2019	ND	185	92.7	200	2.66	
<b>EXT DRO &gt;C28-C36</b>	<b>720</b>	10.0	10/15/2019	ND					

Surrogate: 1-Chlorooctane 84.1 % 41-142

Surrogate: 1-Chlorooctadecane 120 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/03/2019  
 Reported: 10/17/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/02/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: RP - 1 @ 8' (H903388-42)**

TPH 8015M	mg/kg	Analyzed By: MS						S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>82.1</b>	50.0	10/15/2019	ND	202	101	200	0.0346	
<b>DRO &gt;C10-C28*</b>	<b>5150</b>	50.0	10/15/2019	ND	185	92.7	200	2.66	
<b>EXT DRO &gt;C28-C36</b>	<b>2410</b>	50.0	10/15/2019	ND					

Surrogate: 1-Chlorooctane 95.6 % 41-142

Surrogate: 1-Chlorooctadecane 190 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager

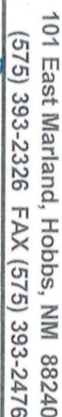


## BILL TO

## ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to [celej.keene@cardinallabsnm.com](mailto:celej.keene@cardinallabsnm.com)





**BILL TO**

## ANALYSIS REQUEST

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## BILL TO

## ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>Dean</b>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <b>Sylvia Reynolds</b>		Company: <b>Plans</b>					
Address: <b>12400 W. Rd 91</b>		Attn: <b>Amber Graves</b>					
City: <b>Mudland</b>		Address:					
Phone #: <b>432-653-4203</b>		City:					
Project #: <b>PP-7096</b>		State:					
Project Name: <b>Jail Station Release</b>		Zip:					
Project Location: <b>Lea County</b>		Phone #: <b>575-200-5517</b>					
Sample Name:		Fax #:					
FOR LAB USE ONLY		PRESERV.		SAMPLING			
Lab I.D.	Sample I.D.	MATRIX		DATE		TIME	
<b>H903388</b>		(G)RAB OR (C)OMP.					
<b>41</b>	<b>RP-106F+</b>	# CONTAINERS					
<b>42</b>	<b>RP-108F+</b>	GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE					
		TIME					
		TPH 8015 EXT					
		BTEX 8027					
		Chlorides					
		Hold added 10/4					
		TPH					
		added 10/15/19					
		added 10/15/19					

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Reinquisitioned By: **Reinquisitioned By:** **10-3-19** **Received By:** **14:30** **Received By:** **10-3-19**

Delivered By: (Circle One) **Observed Temp. °C 3.8** **Sample Condition** **Intact** **Checked By:** **TP**

Sampler - UPS - Bus - Other: **Corrected Temp. °C 4.2** **Sample Condition** **Intact** **Checked By:** **TP**

Thermometer ID #97 **Correction Factor +0.4 °C** **Bacteria (only)** **Sample Condition** **Intact** **Observed Temp. °C** **Corrected Temp. °C**

REMARKS: **Sylvia Reynolds@cardinals.com**  
**Phoebe Nunez@deandigs.com**  
**Alarques@pacific.com**

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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---

November 04, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/31/19 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 10/31/2019  
 Reported: 11/04/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 10/30/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: RP - 1 @ 9' (H903723-01)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2019	ND	222	111	200	3.50	
<b>DRO &gt;C10-C28*</b>	<b>185</b>	10.0	11/01/2019	ND	221	111	200	2.54	
<b>EXT DRO &gt;C28-C36</b>	<b>37.0</b>	10.0	11/01/2019	ND					

Surrogate: 1-Chlorooctane 99.7 % 41-142

Surrogate: 1-Chlorooctadecane 104 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



---

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---

### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager





ANALYSIS REQUEST

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---

November 25, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/19/19 14:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: NSW - 1 @ 4' (H903931-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98	
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78	
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45	
Total BTEX	<0.300	0.300	11/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/25/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	195	97.3	200	1.28	
DRO >C10-C28*	10.1	10.0	11/20/2019	ND	205	102	200	0.388	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 82.2 % 41-142

Surrogate: 1-Chlorooctadecane 80.6 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: NSW - 2 @ 5' (H903931-02)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98	
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78	
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45	
Total BTX	<0.300	0.300	11/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/25/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	195	97.3	200	1.28	
DRO >C10-C28*	33.6	10.0	11/20/2019	ND	205	102	200	0.388	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 82.9 % 41-142

Surrogate: 1-Chlorooctadecane 84.3 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: NSW - 3 @ 4' (H903931-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98	
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78	
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45	
Total BTEX	<0.300	0.300	11/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 77.8 % 41-142

Surrogate: 1-Chlorooctadecane 70.3 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: NSW - 4 @ 4' (H903931-04)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98		
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11		
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45		
Total BTEX	<0.300	0.300	11/23/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 83.1 % 41-142

Surrogate: 1-Chlorooctadecane 75.1 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SSW - 1 @ 4' (H903931-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98		
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11		
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45		
Total BTEX	<0.300	0.300	11/23/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
<b>DRO &gt;C10-C28*</b>	<b>11.3</b>	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 85.8 % 41-142

Surrogate: 1-Chlorooctadecane 79.4 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SSW - 2 @ 4' (H903931-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98	
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78	
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45	
Total BTEX	<0.300	0.300	11/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 86.4 % 41-142

Surrogate: 1-Chlorooctadecane 78.3 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SSW - 3 @ 4' (H903931-07)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98	
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78	
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45	
Total BTEX	<0.300	0.300	11/23/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 83.4 % 41-142

Surrogate: 1-Chlorooctadecane 78.7 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SSW - 4 @ 4' (H903931-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98		
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11		
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45		
Total BTEX	<0.300	0.300	11/23/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 79.3 % 41-142

Surrogate: 1-Chlorooctadecane 75.5 % 37.6-147

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**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: ESW - 1 @ 4' (H903931-09)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98		
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11		
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45		
Total BTEx	<0.300	0.300	11/23/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 79.4 % 41-142

Surrogate: 1-Chlorooctadecane 79.7 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

DEAN  
 SYLWIA REYNOLDS  
 12600 W. COUNTY ROAD 91  
 MIDLAND TX, 79707  
 Fax To:

Received: 11/19/2019  
 Reported: 11/25/2019  
 Project Name: JAL STATION RELEASE  
 Project Number: PP-9096  
 Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WSW - 1 @ 4' (H903931-10)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2019	ND	1.71	85.4	2.00	1.98		
Toluene*	<0.050	0.050	11/23/2019	ND	1.66	83.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/23/2019	ND	1.70	84.8	2.00	2.11		
Total Xylenes*	<0.150	0.150	11/23/2019	ND	5.11	85.1	6.00	2.45		
Total BTEX	<0.300	0.300	11/23/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/25/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane 79.8 % 41-142

Surrogate: 1-Chlorooctadecane 81.2 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





---

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder".

---

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<sup>t</sup> Cardinal cannot accept verbal changes. Please email changes to [celej.keene@cardinallabsnm.com](mailto:celej.keene@cardinallabsnm.com)

## **APPENDIX D**

### **PHOTOGRAPHIC DOCUMENTATION**



**Photograph No 1.**

Date: October 11, 2019

Direction: East

Description: View of hand excavation of site.

**Photograph No 2.**

Date: October 17, 2019

Direction: East

Description: View of excavation under piping.



**Photograph No 3.**

Date: October 21, 2019

Direction: East

Description: View of excavation beneath piping

**Photograph No 4.**

Date: October 21, 2019

Direction: West

Description: View of remediation activities.





**Photograph No 5.**

Date: October 21, 2019

Direction: Southeast

Description: View of previously installed liner from April 14, 2019

**Photograph No 6.**

Date: October 24, 2019

Direction: West

Description: View of excavation beneath pipeline.





**Photograph No 7.**

Date: October 22, 2019

Direction: West

Description: View of base of excavation.

**Photograph No 8.**

Date: October 23, 2019

Direction: Northeast

Description: View of stockpiled soil from excavation.



**Photograph No 9.**

Date: February 17, 2020

Direction: West

Description: View of the installation of the 20-mil polyethylene liner.

**Photograph No 10.**

Date: February 17, 2020

Direction: West

Description: View of the installation of the 20-mil polyethylene liner.





**Photograph No 11.**

Date: February 21, 2020

Direction: East

Description: View of backfilling of site.

**Photograph No 12.**

Date: February 26, 2020

Direction: East

Description: Completed backfilling of excavation.



## **APPENDIX E**

### **NMOCD VARIANCE APPROVAL**

**From:** jeffreykindley@deandigs.com,  
**To:** jkind1111@aol.com,  
**Subject:** FW: Remediation Plan Approval - 1RP-5730  
**Date:** Fri, Apr 17, 2020 1:08 pm  
**Attachments:** (C-141 Remediation Plan) 1RP-5730.pdf (150K)

---

**From:** Amber L Groves <ALGroves@paalp.com>  
**Sent:** Wednesday, February 12, 2020 3:37 PM  
**To:** Jeff Kindley <jeffreykindley@deandigs.com>; Sylwia Reynolds <Sylwiareynolds@deandigs.com>  
**Subject:** FW: Remediation Plan Approval - 1RP-5730

**From:** Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>  
**Sent:** Wednesday, February 12, 2020 3:28 PM  
**To:** Amber L Groves <ALGroves@paalp.com>  
**Cc:** Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Subject:** Remediation Plan Approval - 1RP-5730 [External]

Amber,

The NMOCD has reviewed the Remediation Plan for **JAL STATION TANK 1286 PUMP RELEASE, 1RP-5730**. This remediation plan and variance request is approved.

Please let me know if you have any questions.

Thanks,

**Cristina Eads**

*Environmental Bureau*

*EMNRD – Oil Conservation Division*

1220 South St. Francis Drive

Santa Fe, New Mexico 87505

505.476.3084

email: [Cristina.Eads@state.nm.us](mailto:Cristina.Eads@state.nm.us)

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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## **APPENDIX E**

## **WASTE MANIFESTS**

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yds.

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Rudy Sanchez

Date: 2-24-20

Driver's Signature: Rudy Sanchez Truck # 218

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-24-20

Signature: David Jett

(2)

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yds.

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Diego Ponce

Date: 2-21-20

Driver's Signature: Diego Ponce #516

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-21-20

Signature: David Jett

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yds.

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Jose Espinoza

Date: 2-21-20

Driver's Signature: Jose Espinoza

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-21-20

Signature: Land J&L

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yds.

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Diego Ponce

Date: 2-21-20

Driver's Signature: Diego Ponce #516

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-21-20

Signature: David Ponce



**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: \_\_\_\_\_

12 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DFT~~ Trucking

Gandy

Driver's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Driver's Signature: \_\_\_\_\_

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: \_\_\_\_\_

~~2/21/2020~~ 2/21/2020

Signature: \_\_\_\_\_

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

12 Yards

**TRANSPORTERS NAME & ADDRESS:**

DJ Trucking

Driver's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Driver's Signature: \_\_\_\_\_

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

~~2/19/2020~~ 2/21/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 kords

**TRANSPORTERS NAME & ADDRESS:**

~~DJ~~ Trucking Sandy

Driver's Name: Sergio Fuentes

Date: 2-21-20

Driver's Signature: [Signature] 381

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/20/20~~ 2/21/2020

Signature: [Signature] \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 12 Yards

**TRANSPORTERS NAME & ADDRESS:**

~~DJ Trucking~~ Gandy

Driver's Name: Diego Ponce

Date: 2-21-20

Driver's Signature: Diego Ponce #516

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2-21-2020 2/21/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

1-516

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: \_\_\_\_\_

12 Yards

**TRANSPORTERS NAME & ADDRESS:**

~~Dr. Trucking~~ Sandy

Driver's Name: Diego Ponce

Date: 2-21-20

Driver's Signature: Diego Ponce #516

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/21/2020~~ 2/21/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_



1 517  
**DEAN**

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 12 yards

**TRANSPORTERS NAME & ADDRESS:**

~~BT Trucking~~ Sandy

Driver's Name: Jeremiah Guerrero

Date: 2/21/20

Driver's Signature: [Signature]

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/19/20~~ 2/21/2020

Signature: [Signature] \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

1 215  
**DEAN**

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 12 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DI Trucking~~ Gandy

Driver's Name: Jose Espinoza

Date: 2-21-20

Driver's Signature: Jose Espinoza

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/21/2020~~ 2/21/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

2<sup>o</sup> 215**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 12 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DJ Trucking~~ Gandy

Driver's Name: Jose Espinoza

Date: 2-21-20

Driver's Signature: Jose Espinoza

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/20/20~~ 2/21/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

1<sup>st</sup> 394**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yds

**TRANSPORTERS NAME & ADDRESS:**

~~DT Trucking~~ Gandy

Driver's Name: Jesus Rodriguez

Date: 2/21/2020

Driver's Signature: QR-394

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/18/2020~~ 2/21/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_



**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yds

**TRANSPORTERS NAME & ADDRESS:**

~~Dr. Trucking~~ Gandy

Driver's Name: Sergio Fuentes

Date: 2-21-20

Driver's Signature: [Signature] 381

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/21/2020~~ 2/21/2020

Signature: [Signature] \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_



**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

Drucking Gandy

Driver's Name: Jesus Rodriguez

Date: 2/21/2020

Driver's Signature: CR-394

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~01/21/2020~~ 2/21/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

517

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 12 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DD Trucking~~ Gandy

Driver's Name: Jeremiah Guenard

Date: 2/21/20

Driver's Signature: [Signature]

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: ~~2/21/2020~~ 2/21/2020

Signature: [Signature] \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

12 yardos

**TRANSPORTERS NAME & ADDRESS:**

~~DL Trucking~~ Sandy

Driver's Name:

Diego Ponce

Date:

2-21-20

Driver's Signature:

Diego Ponce #516

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

~~2/21/2020~~ 2/21/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 Yards

**TRANSPORTERS NAME & ADDRESS:**

~~DI Trucking~~ Gandy

Driver's Name:

Sergio Fuentes

Date:

2-21-20

Driver's Signature:

*[Signature]* 381

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

~~2/21/2020~~ 2/21/2020

Signature:

*[Signature]*

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:



**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~D. Trucking~~ Gandy

Driver's Name:

Rudy Sanchez

Date:

2-21-20

Driver's Signature:

Rudy Sanchez

truck #218

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

~~2/21/2020~~ 2/21/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:



# DEAN

## TRANSPORTER'S MANIFEST

### SHIPPERS FACILITY NAME & ADDRESS:

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

### LOCATION OF MATERIAL:

Hugh Station

### DESCRIPTION OF WASTE:

Clean material

Volume: \_\_\_\_\_

20 Yards

### TRANSPORTERS NAME & ADDRESS:

~~DT Tracking~~ Candy

Driver's Name: \_\_\_\_\_

Rudy Sanchez

#

truck 218

Date: \_\_\_\_\_

2-21-20

Driver's Signature: \_\_\_\_\_

Rudy Sanchez

### FACILITY CONTACT:

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: \_\_\_\_\_

~~2/19/2020~~ 2/21/2020

Signature: \_\_\_\_\_

Amber Groves

\*\*

### DISPOSAL FACILITY:

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yds

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Driver's Signature: \_\_\_\_\_

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-20-22

Signature: David Jett

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yards

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Diego Ponce

Date: 2-20-20

Driver's Signature: Diego Ponce

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-20-20

Signature: David H

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yds

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Jeremiah Garza

Date: 2/20/20

Driver's Signature: [Signature]

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: [Signature] \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-20-20

Signature: [Signature]

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yds

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Jose Espinoza  
Date: 2-20-20  
Driver's Signature: Jose Espinoza

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020  
Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-20-20  
Signature: Carl Jett



# 3

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DT Trucking~~

Gandy's

Driver's Name: Willie Brown

Date: 2-20-20

Driver's Signature: Willie Brown

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2/20/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

1-381

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~BJ Trucking~~ Gandy Corp

Driver's Name:

Sergio Fuentes

Date:

2-20-2020

Driver's Signature:

C Fuentes

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/20/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

2 381

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DL Trucking~~ Gandy Corp

Driver's Name: Sergio Fuentes

Date: 2-20-2020

Driver's Signature: [Signature]

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2/20/2020

Signature: [Signature] \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

3. 381

**DEAN****TRANSPORTER'S MANIFEST****SHIPPER'S FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTER'S NAME & ADDRESS:**

~~DL Trucking~~ Gandy Corp

Driver's Name:

Sergio Fuentes

Date:

2-20-2020

Driver's Signature:

Fuentes

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/20/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

DJ Trucking

Driver's Name: Rudy Sanchez

Date: 2-20-20

Driver's Signature: Rudy Sanchez

truck #218

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2/20/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_



7521

1

218

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

Trucking  
Gandy

Driver's Name:

Rudy Sanchez

Date:

2-28-20

Driver's Signature:

Rudy Sanchez

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/20/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

2 218

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

Trucking #218

GANDY

Driver's Name:

Rudy Sanchez

Date:

2-20-20

Truck #218

Driver's Signature:

Rudy Sanchez

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/20/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

1 393

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

DJ Tracking

Gandy's

Driver's Name: Willie Brown

Date: 2-20-20

Driver's Signature: Willie Brown

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2/20/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

Trucking Gandy corp

Driver's Name: Rudy Sanchez

Date: 2-20-20

Driver's Signature: Rudy Sanchez

truck #218

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2/20/2020

Signature: Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_



# 2

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

~~Hugh Station~~

Jal Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DJ Trucking~~

Gandy's

Driver's Name:

Willie Brown

Date:

2-20-20

Driver's Signature:

Willie Brown

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/20/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:



**DEAN****TRANSPORTER'S MANIFEST****SHIPPER'S FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

Jal Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTER'S NAME & ADDRESS:**

~~Plains Pipeline~~

Grady Corp.

Driver's Name:

Jesus Rodriguez

Date:

2/19/2020

Driver's Signature:

JR

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
10 Desta Drive, Suite 550-E  
Midland, TX 79705

**LOCATION OF MATERIAL:**

Plains, Jal Station

**DESCRIPTION OF WASTE:**

Non-Hazardous Hydrocarbon impacted soil

Volume: 12 yards

**TRANSPORTERS NAME & ADDRESS:**

Gandy

Driver's Name: Diego Ponce

Date: 2-20-20

Driver's Signature: Diego Ponce

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
10 Desta Drive Suite 550-E  
Midland, TX 79705

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

J&L Landfarm Inc OCD # NM 01-0023  
PO Box 356, Hobbs, NM 88241

Date: 2-20-20

Signature: David Jett

O to may truck # 381

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

DJ Trucking

Gandy Corp

Driver's Name:

Sergio Fuentes

Date:

2-20-2020

Driver's Signature:

[Signature]

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

[Signature]

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

4-3-6

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DJ Trucking~~

Grady corp.

Driver's Name:

Josias Rodriguez

Date:

2/19/2020

Driver's Signature:

JR - 394

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

4 394

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DJ Trucking~~

Gandy Corp.

Driver's Name:

Jesus Rodriguez

Date:

2/19/2020

Driver's Signature:

JR - 394

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:



5 394

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DJ Trucking~~

Gandy Corp

Driver's Name:

Jesus Rodriguez

Date:

2/19/2020

Driver's Signature:

QR-394

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

1 381

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DL Trucking~~

Gandy Corp

Driver's Name: Sergio Fuentes

Date: 2-19-2020

Driver's Signature: C Fuentes

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2/19/2020

Signature: Amber Groves \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

2381

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume: 20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DJ Trucking~~

Gandy Corp

Driver's Name: Sergio Fuentes

Date: 2-19-2020

Driver's Signature: [Signature]

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date: 2/19/2020

Signature: [Signature] \*\*

**DISPOSAL FACILITY:**

Jal Station

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

3

**DEAN**

381

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DE~~ Trucking

Gandy corp

Driver's Name:

Sergio Fuentes

Date:

2-19-20

Driver's Signature:

fuentes

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

4 381

**DEAN****TRANSPORTER'S MANIFEST****SHIPPER'S FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTER'S NAME & ADDRESS:**

~~DJ Trucking~~ Gandy Corp

Driver's Name:

Sergio Fuentes

Date:

2-19-2020

Driver's Signature:

*[Signature]*

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

*[Signature]*

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:



5 381

# DEAN

**TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~DT Trucking~~ Gandy Corp

Driver's Name:

Sergio Fuentes

Date:

2-19-2020

Driver's Signature:

(Fuentes)

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

DJ Trucking Brady Corp

Driver's Name:

Pete Rasmussen

Date:

2-19-20

Driver's Signature:

Pete Rasmussen

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

2 383

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

~~D+Trucking~~ Gandy Corp

Driver's Name:

Pete Rasmussen

Date:

2-19-20

Driver's Signature:

Pete R

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

3 383

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

Dist Trucking Gandy Corp

Driver's Name:

Pete Rasmussen

Date:

2-19-20

Driver's Signature:

Pete R

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:

4 383

**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 yards

**TRANSPORTERS NAME & ADDRESS:**

DJ Trucking

Gandy Corp

Driver's Name:

Pete Kasmussen

Date:

2-19-20

Driver's Signature:

Pete K

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature:



**DEAN****TRANSPORTER'S MANIFEST****SHIPPERS FACILITY NAME & ADDRESS:**

Plains Pipeline, L.P.  
500 Big Spring St. Suite 600  
Midland, TX 79701

**LOCATION OF MATERIAL:**

Hugh Station

**DESCRIPTION OF WASTE:**

Clean material

Volume:

20 Yards

**TRANSPORTERS NAME & ADDRESS:**

~~DL Trucking~~

GRANDY Corp

Driver's Name:

Jesus Rodriguez

Date:

2/19/2020

Driver's Signature:

gn. 394

**FACILITY CONTACT:**

Amber Groves  
Plains Marketing  
500 Big Spring St. Suite 600  
Midland, TX 79701

Date:

2/19/2020

Signature:

Amber Groves

\*\*

**DISPOSAL FACILITY:**

Jal Station

Date:

Signature: