Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NRM2014058428
District RP	
Facility ID	
Application ID	

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: Amber Groves Date: 9/15/2020

email: algroves@paalp.com Telephone: 575-200-5517

OCD Only

Received by: Cristina Eads Date: 09/15/2020

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: Cristina Eads Date: 11/06/2020

Printed Name: Cristina Eads Title: Environmental Scientist

12600 WEST CO RD 91

MIDLAND, TX 79707

OFFICE: 432.653.4203

REMEDIAL ACTIVITIES AND SITE CLOSURE REPORT

PLAINS MARKETING, L.P.

JAL 2 TRUCK STATION RELEASE

LEA COUNTY, NM

SRS #: 2020-047

NMOCD INCIDENT ID: NRM2014058428

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Appendices

September 11, 2020

New Mexico Oil Conservation Division, District 1

1625 N. French Drive

Hobbs, New Mexico 88240

Re: **Remedial Activities and Site Closure Report**

Jal 2 Truck Station Release

Unit Letter N, Section 33, Township 25S, Range 37E

GPS Coordinates: N 32.0812° and W -103.17209°

Lea County, New Mexico

SRS #: 2020-047

NMOCD Incident ID: NRM2014058428

1. Introduction

Dean Companies, Inc. (Dean) is pleased to present this Closure Report on behalf of Plains Marketing, L.P. (Plains) to document the field excavation activities that were conducted at the Jal 2 Truck Station Release, (site). The crude oil release occurred approximately 2.6 miles southeast of Jal on the private land owned by Martin Willis in Lea County, New Mexico in Unit Letter N, Section 33, Township 25S and Range 37E. The GPS coordinates for the site are N 32.0812° and W -103.17209°. A “Site Location Map”, “Topographic Map”, and “Karst Topography Map” are provided as Figures 1,2, and 3.

2. Release Description

On May 14, 2020, a release occurred when a check valve on a transport truck failed allowing oil to overflow trailer while unloading at the site. A total of 7.48 barrels (bbls) of crude oil was released with zero (0) bbl recovered for a net loss of 7.48 bbls. The release

affected an area measuring approximately 75 feet (ft) in length by 12 ft wide covering an estimated area of approximately 960 square feet. Initial Form C-141 submitted to the NMOCD on May 19, 2020, and the release was assigned incident number NRM2014058428. A copy of Form C-141 is presented in Appendix A. On May 15, 2020, Dean was assigned management responsibilities for impacted soil remediation, soil sampling, site restoration, and reporting activities by Plains.

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 Administrative 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 were located near the site. Neither of the two databases identified any registered water wells in or near Unit Letter N, Section 33, 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 average depths of 85 feet bgs. The wells are located 0.49 miles west/southwest of the site. See Appendix B for the Shell Oil Company groundwater gauging tables at the site. As outlined in 19.15.29.12.B.(4) NMAC, the release does not occur in referenced sensitive areas. The nearest water body feature is Monument Draw located approximately 4.9 miles east of 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 3 “Karst Topography Map”. Meeting the previous criteria, the NMOCD restoration and cleanup levels for soils impacted by hydrocarbons are as follows:

- Chloride 20,000 mg/Kg
- Total TPH (GRO + DRO +ORO) 2,500 mg/Kg
- TPH (GRO + DRO) 1,000 mg/Kg
- Benzene 10 mg/Kg
- Total BTEX 50 mg/Kg

4. Soil Remediation Activities

On May 20, 2020, Dean Personnel were onsite to conduct soil delineation and remediation activities at the release site. Delineation was achieved by field screening soil samples simultaneously with excavation activities. Field screening results are presented in Table 2 and corresponding backup documents are presented in Appendix E. Utilizing a backhoe and hand digging, soils were excavated around the truck load out. During excavation activities, the soils were field screened utilizing both a photoionization detector (PID) and chloride test strips. Based on visual observations and field PID and chloride screening, the site was excavated to dimensions of approximately 75 ft in length by 15 ft wide to a depth of approximately 1 ft bgs for 1,075 sq ft and a depth of approximately 2 ft for 50 sq ft. Approximately 44 cubic yards of soil were removed from the excavation and stockpiled on plastic awaiting disposal at J&L Landfarm.

5. Sample Management

Soil samples were collected directly into laboratory-provided sample containers, labeled, stored on ice, and transported under proper chain-of-custody documentation to Permian Basin Environmental Lab, L.P. (PBELAB) located in Midland, Texas. Samples were analyzed for Total Petroleum Hydrocarbons (TPH) by Method 8015 Modified, Extended to C35, Benzene, Toluene, Ethylbenzene, and Xylene (Total BTEX) by EPA method 8021B, and chlorides by EPA method 300. Laboratory reports containing analytical methods, results and chain-of-custody documents are attached to the closure report (Appendix C).

6. Sample Collection and Analysis

On May 20, 2020, during excavation activities, soil samples were collected, and field screened for TPH utilizing a PID Meter and field Chloride testing. Supporting documentation of field screening results are presented as Table 2. and in Appendix E. Upon completion of soil remediation activities, bottom hole confirmation soil samples (CS-1 @ 1', CS-2 @ 1', CS-3 @ 1', and CS-4 @ 1') along with one stockpile soil sample (SP-1), were collected within 200 sq ft areas, and submitted to the laboratory for analysis. On

June 11, 2020, additional field screening was conducted and an additional bottom hole confirmation sample (CS-5 @ 2') along with seven (7) side wall confirmation soil samples (SW-S1 @ 6", SW-S2 @ 6", SW-E @ 6", SW-N1 @ 6", SW-N2 @ 6", SW-W @ 6", and SW-Composite @ 1') were collected within 200 sq ft areas and submitted to the laboratory for analysis. The TPH analysis for all soil samples were below method detection limits, with the exception of SW-S1 @ 6", SW-E @ 6", SW-N1 @ 6", and SP-1 with concentrations of 118 mg/Kg, 72.2 mg/Kg, 35.8 mg/Kg, and 6,241 mg/KG respectively. The total BTEX analysis for all soil samples were below the NMOCD regulatory limits with concentrations ranging from below method detection limits to 0.06601 mg/Kg for CS-2 @ 1'. The chloride analysis for all soil samples were below the NMOCD regulatory limits with concentrations ranging from 10.4 mg/Kg for CS-3 @ 1' to 101 mg/Kg for SW-S1 @ 6". Chemistry Table 1 in the "Tables" section presents the analytical results of the soil samples. Laboratory analytical reports and chain-of-custody documentation are attached to the closure report (Appendix C).

7. Conclusion

Upon collecting requisite confirmation soil samples, the excavated area was backfilled on June 11, 2020, with locally sourced non-impacted soils and brought to grade. Photo documentation detailing site activities is included in Appendix D. Based upon the analytical results of the confirmation soil samples collected from the base and the walls of the excavation, the site has been remediated to within standards set by the NMOCD. Plains Marketing respectfully requests closure of NMOCD incident number NRM2014058428.

If you have any questions, or if additional information is required, please feel free to contact Elizabeth Stuart (email: elizabethstuart@deandigs.com, cell: 432.227.5369) or Jeff Kindley (email: jeffreykindley@deandigs.com, cell: 432.230.0920) of Dean.

Sincerely,

Elizabeth Stuart

Project Manager

Jeffrey Kindley, PG.

Professional Geologist

TABLES

Chemistry Table 1

Concentrations of Benzene, BTEX, Chlorides, and TPH in soil

Plains Pipeline, L.P.

Jal 2 Truck Station Release

Lea County, New Mexico

SRS #2020-047

SAMPLE INFORMATION					METHODS: EPA SW 846-8021B, 5030					METHOD: E 300	METHODS: EPA SW 846-8015M				
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	XYLENE (mg/kg)	Total BTEX (mg/kg)	CHLORIDES (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO +DRO (mg/kg)	ORO (mg/kg)	TOTAL TPH (mg/kg)
CS-1 @ 1'	05/20/20	1 ft	COMPOSITE	SOIL	0.00185	0.0138	0.00275	0.01089	0.02929	12.4	<25.3	<25.3	<25.3	<25.3	<25.3
CS-2 @ 1'	05/20/20	1 ft	COMPOSITE	SOIL	0.00539	0.0279	0.00653	0.02619	0.06601	11.7	<25.8	<25.8	<25.8	<25.8	<25.8
CS-3 @ 1'	05/20/20	1 ft	COMPOSITE	SOIL	0.00339	0.0257	0.00442	0.01572	0.04923	10.4	<25.8	<25.8	<25.8	<25.8	<25.8
CS-4 @ 1'	05/20/20	1 ft	COMPOSITE	SOIL	0.003	0.0254	0.0052	0.01876	0.05236	15.9	<25.3	<25.3	<25.3	<25.3	<25.3
CS-5 @ 2'	06/11/20	2 ft	COMPOSITE	SOIL	<0.00101	<0.00505	<0.00505	0.0859	0.00859	17.6	<25.3	<25.3	<25.3	<25.3	<25.3
SW-S1 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	<0.00101	0.00768	<0.00505	0.00795	0.01563	101	<25.3	118	118	<25.3	118
SW-S2 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	<0.00101	<0.00505	<0.00505	<0.00505	<0.00505	51.9	<25.3	<25.3	<25.3	<25.3	<25.3
SW-E @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	<0.00101	<0.00505	<0.00505	<0.00505	<0.00505	84.3	<25.3	72.2	72.2	<25.3	72.2
SW-N1 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	0.0014	0.00726	<0.00500	0.00538	0.01404	46.1	<25.0	35.8	35.8	<25.0	35.8
SW-N2 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	<0.00101	0.00521	<0.00505	0.00833	0.01354	80.7	<25.3	<25.3	<25.3	<25.3	<25.3
SW-W @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	<0.00101	<0.00505	<0.00505	<0.00505	<0.00505	14.6	<25.3	<25.3	<25.3	<25.3	<25.3
SW-Composite @1"	06/11/20	1 FT	COMPOSITE	SOIL	0.00121	0.00736	<0.00505	0.00734	0.01591	15.1	<25.3	<25.3	<25.3	<25.3	<25.3
NMOCD Recommended Remediation Action Level					**10**	**-**	**-**	**-**	**50**	**20,000**	**-**	**-**	**1,000**	**-**	**2,500**

Exceeds NMOCD Level

Chemistry Table 2

Concentrations of Benzene, BTEX, Chlorides, and TPH in soil

Plains Pipeline, L.P.

Jal 2 Truck Station Release

Lea County, New Mexico

SRS #2020-047

SAMPLE INFORMATION					FIELD TEST KITS	PID
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	CHLORIDES (PPM)	TOTAL TPH (PPM)
CS-1 @ 1’	05/20/20	1 ft	COMPOSITE	SOIL	ND	11.9
CS-2 @ 1’	05/20/20	1 ft	COMPOSITE	SOIL	ND	43.8
CS-3 @ 1’	05/20/20	1 ft	COMPOSITE	SOIL	ND	21.5
CS-4 @ 1’	05/20/20	1 ft	COMPOSITE	SOIL	ND	56.5
CS-5 @ 2’	06/11/20	2 ft	COMPOSITE	SOIL	ND	2.6
SW-S1 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	ND	1.3
SW-S2 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	152	1.1
SW-E @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	ND	1.6
SW-N1 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	ND	1.7
SW-N2 @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	ND	1.8
SW-W @ 6"	06/11/20	6 IN	COMPOSITE	SOIL	ND	1.7
SW-Composite @1"	06/11/20	1 FT	COMPOSITE	SOIL	ND	0.4
NMOCD Recommended Remediation Action Level					**20,000**	**100**

ND: denotes Non-Detect

:Exceeds NMOCD Level

FIGURES

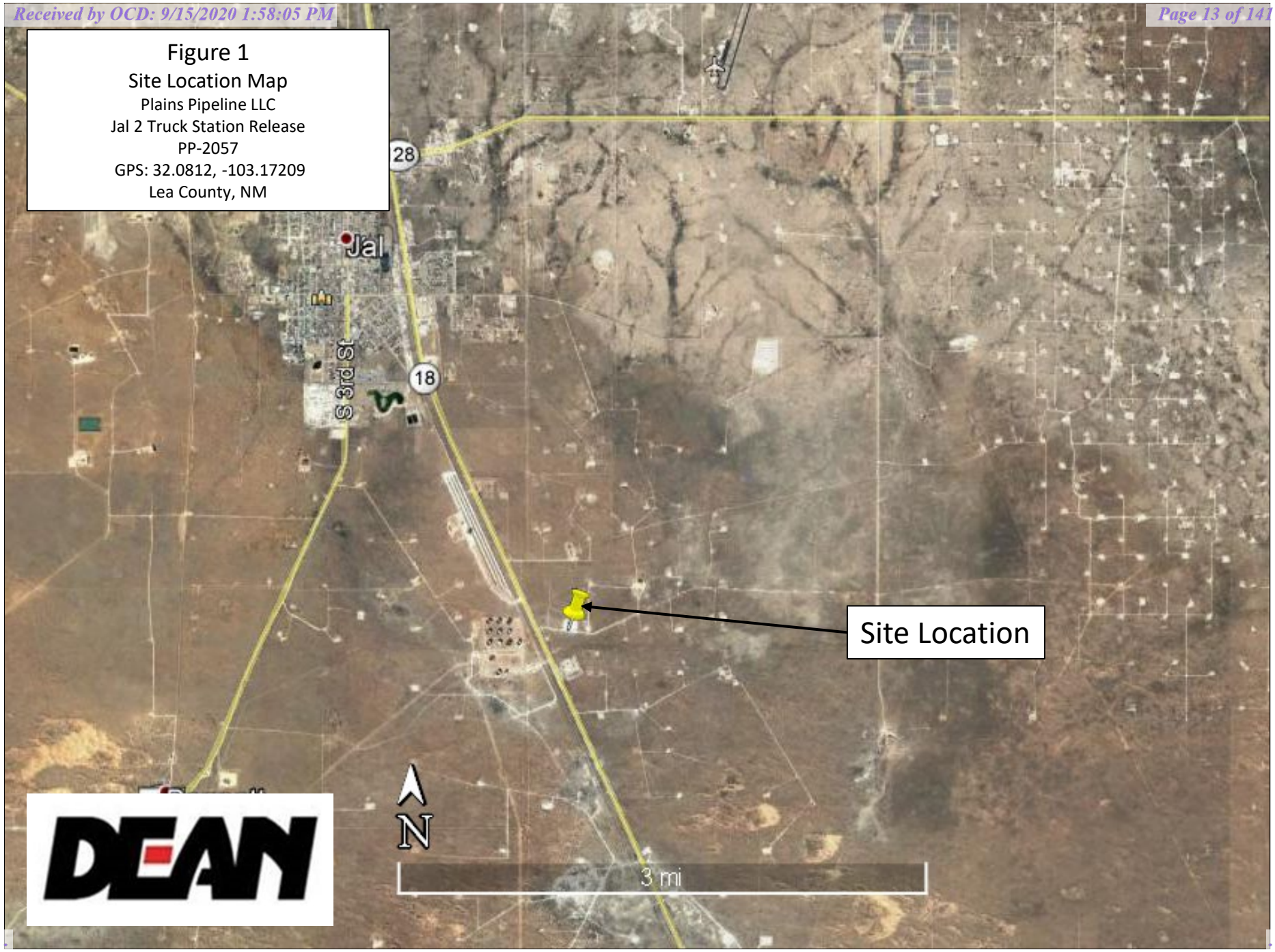


Figure 1
Site Location Map
Plains Pipeline LLC
Jal 2 Truck Station Release
PP-2057
GPS: 32.0812, -103.17209
Lea County, NM
Jal
28
18
S 3rd St
Site Location
N
3 mi
DEAN

Figure 2

Topographic Map

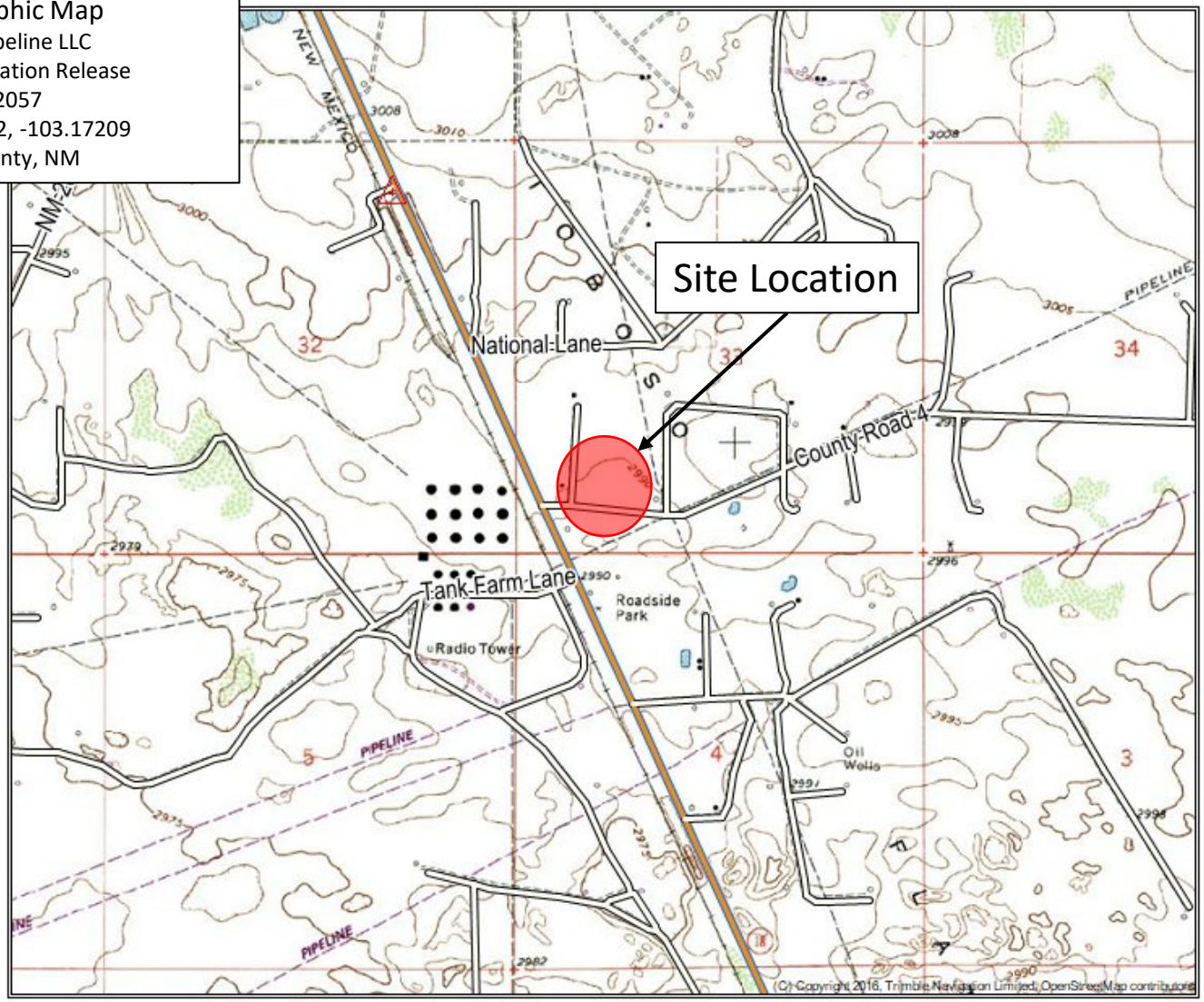
Plains Pipeline LLC

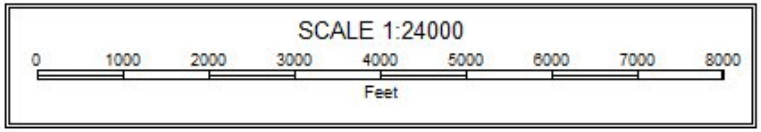
Jal 2 Truck Station Release

PP-2057

GPS: 32.0812, -103.17209

Lea County, NM





DEAN

Figure 3
Karst Topography Map
Plains Pipeline LLC
Jal 2 Truck Station Release
PP-2057
GPS: 32.0812, -103.17209
Lea County, NM

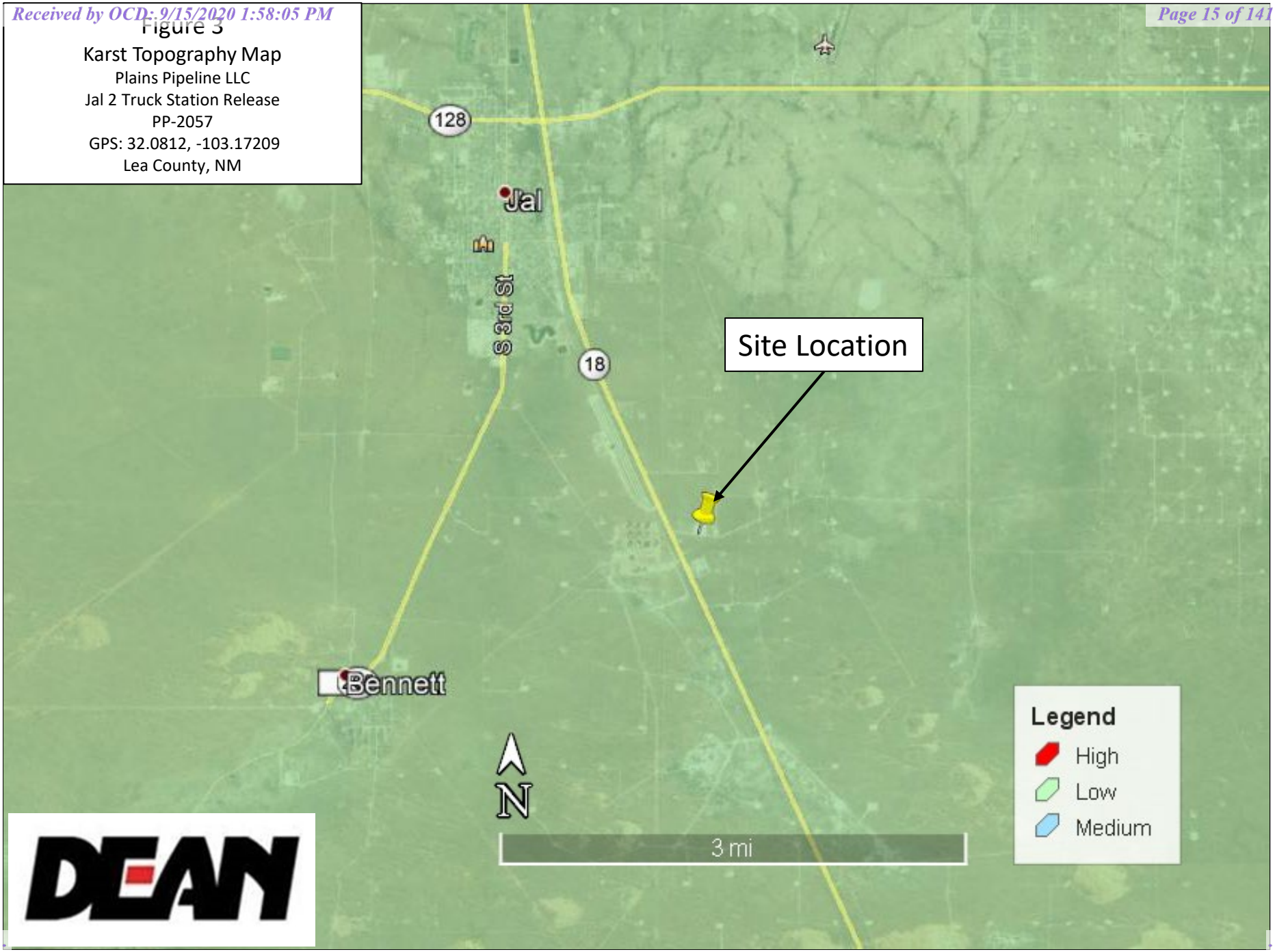
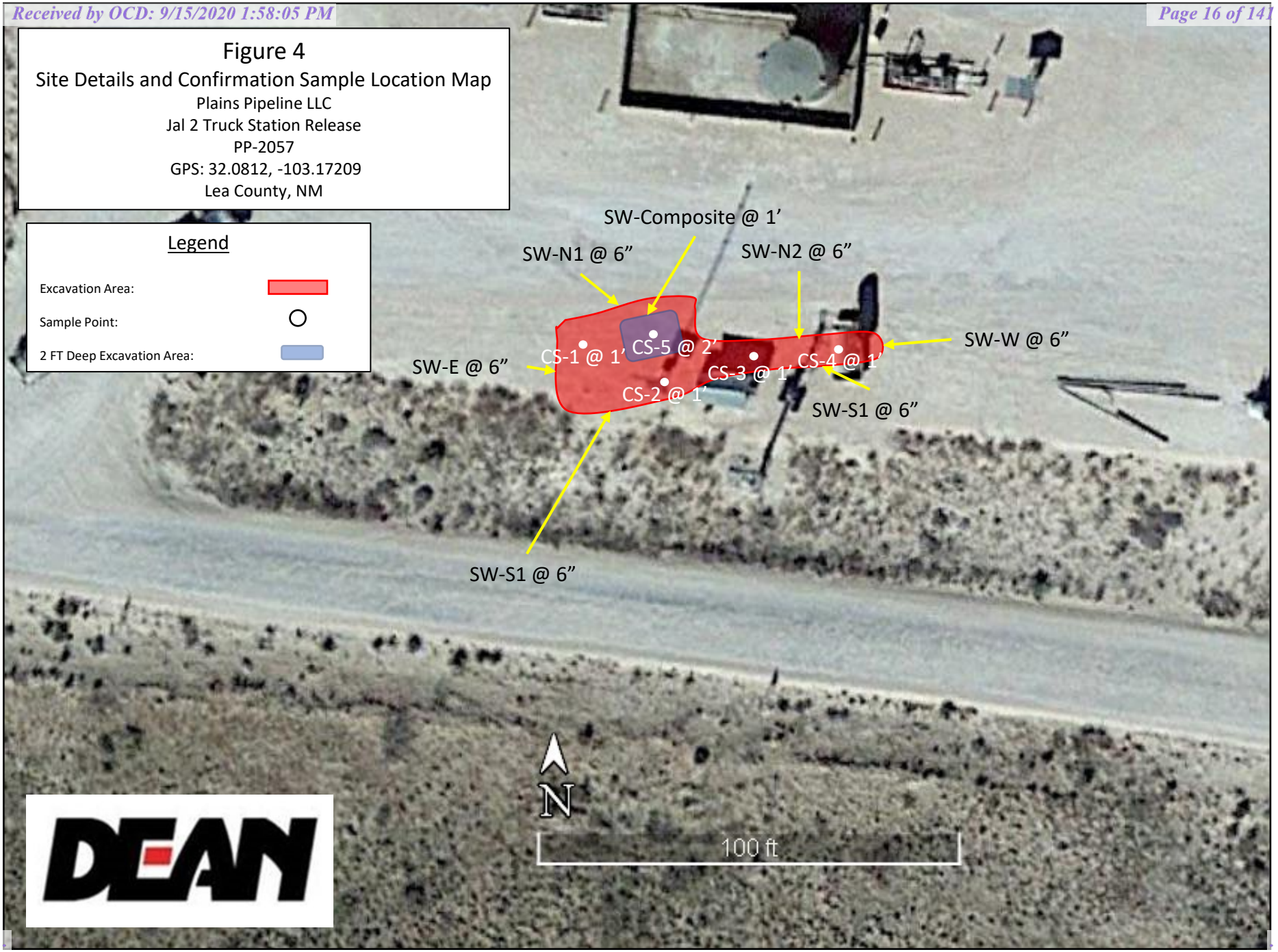


Figure 4

Site Details and Confirmation Sample Location Map

Plains Pipeline LLC
Jal 2 Truck Station Release
PP-2057
GPS: 32.0812, -103.17209
Lea County, NM



APPENDIX A

FORM C-141

District I
1625 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	NRM2014058428
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Plains Marketing, 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 32.081824 Longitude -103.172044
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Jal #2 Truck Station	Site Type Trucking Station
Date Release Discovered 5/14/2020 @ 9:30 PM	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
N	33	25S	37E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: Martin Willis*)

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 7.48 bbls	Volume Recovered (bbls) 0 bbls
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Transport trailer overfill due to a check valve failure after pump shutting off during unload.

State of New Mexico
Oil Conservation Division

Incident ID	NRM2014058428
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ 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)?	

Initial Response

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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Amber Groves Title: Remediation Coordinator

Signature: Amber Groves Date: 5/19/2020

email: algroves@paalp.com Telephone: 575-200-5517

OCD Only

Received by: Ramona Marcus Date: 5/19/2020

NRM2014058428

Amber L Groves

From: Alan Swartz
Sent: Tuesday, May 19, 2020 7:14 AM
To: Amber L Groves
Subject: Jal 2 Spill 5/14/20

Amber here are the calculations for the 8 barrel spill at Jal 2.

40 x 20:
20 x 5 x .25 x .0154 = .39
20 x 15 x 1 x .0154 = 4.62

40 x 4:
5 x 4 x .25 x .0154= .31
35 x 4 x 1 x .0154= 2.16

Alan Swartz
District Manager
Plains Marketing L.P.
Hobbs NM
Paswartz@paalp.com
Office: 575-393-5611
Cell: 580-339-3608

APPENDIX B

SHELL OIL COMPANY GROUNDWATER

GAUGING TABLES

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-01

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-01

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

MW-02

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-02

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-03

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-03

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

MW-04

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-04

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-04

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

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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.
2/4/1999	2988.47	2991.38	TOC	80.00	95.00	86.03				2905.35
2/22/1999	2988.47	2991.38	TOC	80.00	95.00	86.07				2905.31
3/11/1999	2988.47	2991.38	TOC	80.00	95.00	86.21				2905.17
4/7/1999	2988.47	2991.38	TOC	80.00	95.00	86.25				2905.13
5/3/1999	2988.47	2991.38	TOC	80.00	95.00	86.14				2905.24
6/8/1999	2988.47	2991.38	TOC	80.00	95.00	86.49				2904.89
6/22/1999	2988.47	2991.38	TOC	80.00	95.00	86.35				2905.03
7/6/1999	2988.47	2991.38	TOC	80.00	95.00	86.43				2904.95
8/14/1999	2988.47	2991.38	TOC	80.00	95.00	86.54				2904.84
9/16/1999	2988.47	2991.38	TOC	80.00	95.00	86.54				2904.84
10/19/1999	2988.47	2991.38	TOC	80.00	95.00	86.46				2904.92

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-05

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen 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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-05

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

MW-06

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-06

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-06

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

MW-07

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-08

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-08

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-08

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-09

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-10

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen 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	91.22	91.21	0.01	0.830	2899.63
2/7/2005	2987.96	2990.84	TOC	81.00	96.00	91.01	91.00	0.01	0.830	2899.84
2/16/2005	2987.96	2990.84	TOC	81.00	96.00	91.09	91.08	0.01	0.830	2899.76
3/16/2005	2987.96	2990.84	TOC	81.00	96.00	90.75	90.74	0.01	0.830	2900.10
5/11/2005	2987.96	2990.84	TOC	81.00	96.00	90.66	90.55	0.11	0.830	2900.27
6/9/2005	2987.96	2990.84	TOC	81.00	96.00	90.35	90.35		0.830	2900.49
6/26/2005	2987.96	2990.84	TOC	81.00	96.00	90.33	90.32	0.01	0.830	2900.52
9/8/2005	2987.96	2990.84	TOC	81.00	96.00	90.01	90.00	0.01	0.830	2900.84
9/27/2005	2987.96	2990.84	TOC	81.00	96.00	89.85	89.85		0.830	2900.99
10/2/2005	2987.96	2990.84	TOC	81.00	96.00	89.80				2901.04
10/14/2005	2987.96	2990.84	TOC	81.00	96.00	89.89				2900.95
10/17/2005	2987.96	2990.84	TOC	81.00	96.00	89.84				2901.00
10/24/2005	2987.96	2990.84	TOC	81.00	96.00	89.87				2900.97
12/2/2005	2987.96	2990.84	TOC	81.00	96.00	89.72				2901.12
1/10/2006	2987.96	2990.84	TOC	81.00	96.00	89.95				2900.89
3/3/2006	2987.96	2990.84	TOC	81.00	96.00	89.85				2900.99
4/12/2006	2987.96	2990.84	TOC	81.00	96.00	90.00				2900.84
5/30/2006	2987.96	2990.84	TOC	81.00	96.00	89.95				2900.89
6/4/2006	2987.96	2990.84	TOC	81.00	96.00	89.80				2901.04

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-10

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

MW-11

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-11

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-12

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

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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
6/3/2006	2989.79	2992.97	TOC	85.65	100.65	92.10				2900.87
9/8/2006	2989.79	2992.97	TOC	85.65	100.65	92.18				2900.79
11/7/2006	2989.79	2992.97	TOC	85.65	100.65	92.25				2900.72
2/23/2007	2989.79	2992.97	TOC	85.65	100.65	92.20				2900.77

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-13

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

MW-14

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-14

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen Top	Depth of Screen Bottom	Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
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	2898.76

MW-15

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	2986.45	2989.64	TOC	85.98	100.98	85.32				2904.32
2/7/2000	2986.45	2989.64	TOC	85.98	100.98	85.01				2904.63
8/2/2000	2986.45	2989.64	TOC	85.98	100.98	85.30				2904.34
11/24/2000	2986.45	2989.64	TOC	85.98	100.98	85.36				2904.28
2/14/2001	2986.45	2989.64	TOC	85.98	100.98	85.81				2903.83
3/16/2001	2986.45	2989.64	TOC	85.98	100.98	89.15				2900.49
4/19/2001	2986.45	2989.64	TOC	85.98	100.98	89.05				2900.59
5/23/2001	2986.45	2989.64	TOC	85.98	100.98	85.91				2903.73
9/29/2001	2986.45	2989.64	TOC	85.98	100.98	86.21				2903.43
12/20/2001	2986.45	2989.64	TOC	85.98	100.98	89.50				2900.14
3/27/2002	2986.45	2989.64	TOC	85.98	100.98	86.66				2902.98

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-15

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-15

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-16

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

MW-17

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-17

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

MW-18

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-18

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

MW-19

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-19

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-20

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

MW-21

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-21

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

MW-22

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-22

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-23

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

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-24

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

APPENDIX C

LABORATORY ANALYTICAL REPORTS

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

PBELAB

Analytical Report

Prepared for:

Sylwia Reynolds

Dean

12600 W County Rd 91

Midland, TX 79707

Project: Plains Jal Station #2 5.15.20

Project Number: PP-2057

Location: Jal, NM

Lab Order Number: 0E20018

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-18-9

Report Date: 05/28/20

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-1 @ 1'	0E20018-01	Soil	05/20/20 13:30	05-20-2020 15:05
CS-2 @ 1'	0E20018-02	Soil	05/20/20 13:33	05-20-2020 15:05
CS-3 @ 1'	0E20018-03	Soil	05/20/20 13:35	05-20-2020 15:05
CS-4 @ 1'	0E20018-04	Soil	05/20/20 13:40	05-20-2020 15:05

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

CS-1 @ 1'

0E20018-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00185**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Toluene	**0.0138**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Ethylbenzene	**0.00275**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (p/m)	**0.00875**	0.00202	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (o)	**0.00214**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.2 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.7 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.4**	1.01	mg/kg dry	1	P0E2205	05/22/20	05/22/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.6 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/21/20	05/23/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

CS-2 @ 1'

0E20018-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00539**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Toluene	**0.0279**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Ethylbenzene	**0.00653**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (p/m)	**0.0213**	0.00206	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (o)	**0.00489**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.4 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*85.6 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.7**	1.03	mg/kg dry	1	P0E2205	05/22/20	05/22/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.9 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/21/20	05/23/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

CS-3 @ 1'

0E20018-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00339**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Toluene	**0.0257**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Ethylbenzene	**0.00442**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (p/m)	**0.0133**	0.00206	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (o)	**0.00242**	0.00103	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.6 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.4**	1.03	mg/kg dry	1	P0E2205	05/22/20	05/22/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/21/20	05/23/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

CS-4 @ 1'

0E20018-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00300**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Toluene	**0.0254**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Ethylbenzene	**0.00520**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (p/m)	**0.0157**	0.00202	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Xylene (o)	**0.00306**	0.00101	mg/kg dry	1	P0E2102	05/21/20	05/21/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.8 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*75-125*		*P0E2102*	*05/21/20*	*05/21/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.9**	1.01	mg/kg dry	1	P0E2205	05/22/20	05/22/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.4 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0E2107*	*05/21/20*	*05/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/21/20	05/23/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2102 - General Preparation (GC)										
Blank (P0E2102-BLK1)				Prepared & Analyzed: 05/21/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*93.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*88.8*	*75-125*			
LCS (P0E2102-BS1)				Prepared & Analyzed: 05/21/20						
Benzene	0.0974	0.00100	mg/kg wet	0.100		97.4	70-130			
Toluene	0.0959	0.00200	"	0.100		95.9	70-130			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	70-130			
Xylene (p/m)	0.204	0.00200	"	0.200		102	70-130			
Xylene (o)	0.0961	0.00100	"	0.100		96.1	70-130			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.3*	*75-125*			
LCS Dup (P0E2102-BSD1)				Prepared & Analyzed: 05/21/20						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130	9.48	20	
Toluene	0.105	0.00200	"	0.100		105	70-130	9.05	20	
Ethylbenzene	0.0966	0.00100	"	0.100		96.6	70-130	3.09	20	
Xylene (p/m)	0.225	0.00200	"	0.200		112	70-130	9.84	20	
Xylene (o)	0.108	0.00100	"	0.100		108	70-130	11.9	20	
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*89.7*	*75-125*			
Calibration Blank (P0E2102-CCB1)				Prepared & Analyzed: 05/21/20						
Benzene	0.460		mg/kg wet							
Toluene	1.29		"							
Ethylbenzene	0.580		"							
Xylene (p/m)	1.37		"							
Xylene (o)	0.350		"							
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.5*	*75-125*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2102 - General Preparation (GC)										
Calibration Blank (P0E2102-CCB2)				Prepared & Analyzed: 05/21/20						
Benzene	0.00		mg/kg wet							
Toluene	0.970		"							
Ethylbenzene	0.380		"							
Xylene (p/m)	0.750		"							
Xylene (o)	0.340		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.6*	*75-125*			
Calibration Blank (P0E2102-CCB3)				Prepared & Analyzed: 05/21/20						
Benzene	0.00		mg/kg wet							
Toluene	1.73		"							
Ethylbenzene	0.580		"							
Xylene (p/m)	1.17		"							
Xylene (o)	0.360		"							
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*93.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.1*	*75-125*			
Calibration Check (P0E2102-CCV1)				Prepared & Analyzed: 05/21/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.0982	0.00200	"	0.100		98.2	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.2*	*75-125*			
Calibration Check (P0E2102-CCV2)				Prepared & Analyzed: 05/21/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.0*	*75-125*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2102 - General Preparation (GC)										
Calibration Check (P0E2102-CCV3)				Prepared & Analyzed: 05/21/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0959	0.00100	"	0.100		95.9	80-120			
Ethylbenzene	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.6	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*94.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.4*	*75-125*			
Matrix Spike (P0E2102-MS1)		**Source: 0E21002-03**		Prepared & Analyzed: 05/21/20						
Benzene	0.0730	0.00104	mg/kg dry	0.104	0.00832	62.1	80-120			QM-05
Toluene	0.0739	0.00104	"	0.104	0.0425	30.2	80-120			QM-05
Ethylbenzene	0.0718	0.00104	"	0.104	0.0549	16.2	80-120			QM-05
Xylene (p/m)	0.132	0.00208	"	0.208	0.119	5.96	80-120			QM-05
Xylene (o)	0.0759	0.00104	"	0.104	0.0628	12.5	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.135*		"	*0.125*		*108*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0821*		"	*0.125*		*65.7*	*75-125*			*S-GC*
Matrix Spike Dup (P0E2102-MSD1)		**Source: 0E21002-03**		Prepared & Analyzed: 05/21/20						
Benzene	0.0783	0.00104	mg/kg dry	0.104	0.00832	67.2	80-120	7.86	20	QM-05
Toluene	0.0793	0.00104	"	0.104	0.0425	35.3	80-120	15.7	20	QM-05
Ethylbenzene	0.0768	0.00104	"	0.104	0.0549	21.0	80-120	25.8	20	QM-05
Xylene (p/m)	0.176	0.00208	"	0.208	0.119	27.5	80-120	129	20	QM-05
Xylene (o)	0.0764	0.00104	"	0.104	0.0628	13.0	80-120	3.91	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.135*		"	*0.125*		*108*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0813*		"	*0.125*		*65.0*	*75-125*			*S-GC*

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2103 - * DEFAULT PREP *** **										
Blank (P0E2103-BLK1)				Prepared & Analyzed: 05/21/20						
% Moisture	ND	0.1	%							
Duplicate (P0E2103-DUP1)		**Source: 0E20004-01**		Prepared & Analyzed: 05/21/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0E2103-DUP2)		**Source: 0E20010-06**		Prepared & Analyzed: 05/21/20						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0E2103-DUP3)		**Source: 0E20012-13**		Prepared & Analyzed: 05/21/20						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0E2103-DUP4)		**Source: 0E20015-01**		Prepared & Analyzed: 05/21/20						
% Moisture	6.0	0.1	%		5.0			18.2	20	
Batch P0E2205 - * DEFAULT PREP *** **										
LCS (P0E2205-BS1)				Prepared & Analyzed: 05/22/20						
Chloride	408	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P0E2205-BSD1)				Prepared & Analyzed: 05/22/20						
Chloride	408	1.00	mg/kg wet	400		102	80-120	0.0221	20	
Calibration Check (P0E2205-CCV1)				Prepared & Analyzed: 05/22/20						
Chloride	19.9		mg/kg	20.0		99.4	0-200			
Calibration Check (P0E2205-CCV2)				Prepared & Analyzed: 05/22/20						
Chloride	20.1		mg/kg	20.0		100	0-200			

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Midland TX, 79707	Project Manager: Sylwia Reynolds	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2205 - * DEFAULT PREP *** **										
Matrix Spike (P0E2205-MS1)	**Source: 0E20011-05**			Prepared & Analyzed: 05/22/20						
Chloride	11200	26.6	mg/kg dry	2660	8480	102	80-120			
Matrix Spike (P0E2205-MS2)	**Source: 0E20012-12**			Prepared & Analyzed: 05/22/20						
Chloride	4220	11.2	mg/kg dry	1120	3100	99.4	80-120			
Matrix Spike Dup (P0E2205-MSD1)	**Source: 0E20011-05**			Prepared & Analyzed: 05/22/20						
Chloride	11500	26.6	mg/kg dry	2660	8480	112	80-120	2.44	20	
Matrix Spike Dup (P0E2205-MSD2)	**Source: 0E20012-12**			Prepared & Analyzed: 05/22/20						
Chloride	4010	11.2	mg/kg dry	1120	3100	81.3	80-120	4.95	20	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2107 - TX 1005										
Blank (P0E2107-BLK1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		*"*	*50.0*		*119*	*70-130*			
LCS (P0E2107-BS1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	1130	25.0	mg/kg wet	1000		113	75-125			
>C12-C28	1250	25.0	"	1000		125	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*58.5*		*"*	*50.0*		*117*	*70-130*			
LCS Dup (P0E2107-BSD1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125	0.861	20	
>C12-C28	1240	25.0	"	1000		124	75-125	0.667	20	
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*57.2*		*"*	*50.0*		*114*	*70-130*			
Calibration Blank (P0E2107-CCB1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	9.44		mg/kg wet							
>C12-C28	6.34		"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		*"*	*50.0*		*119*	*70-130*			
Calibration Blank (P0E2107-CCB2)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	12.0		mg/kg wet							
>C12-C28	11.5		"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*56.4*		*"*	*50.0*		*113*	*70-130*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2107 - TX 1005										
Calibration Check (P0E2107-CCV1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	551	25.0	mg/kg wet	500		110	85-115			
>C12-C28	564	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*55.5*		*"*	*50.0*		*111*	*70-130*			
Calibration Check (P0E2107-CCV2)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	546	25.0	mg/kg wet	500		109	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*122*		*"*	*100*		*122*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P0E2107-CCV3)				Prepared: 05/21/20 Analyzed: 05/24/20						
C6-C12	507	25.0	mg/kg wet	500		101	85-115			
>C12-C28	540	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*51.6*		*"*	*50.0*		*103*	*70-130*			
Matrix Spike (P0E2107-MS1)		**Source: 0E21004-04**		Prepared: 05/21/20 Analyzed: 05/24/20						
C6-C12	1120	25.0	mg/kg dry	1000	18.3	111	75-125			
>C12-C28	1230	25.0	"	1000	ND	123	75-125			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*44.6*		*"*	*50.0*		*89.3*	*70-130*			
Matrix Spike Dup (P0E2107-MSD1)		**Source: 0E21004-04**		Prepared: 05/21/20 Analyzed: 05/24/20						
C6-C12	1110	25.0	mg/kg dry	1000	18.3	109	75-125	1.31	20	
>C12-C28	1230	25.0	"	1000	ND	123	75-125	0.742	20	
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*44.3*		*"*	*50.0*		*88.6*	*70-130*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 5/28/2020

Brent Barron, Laboratory Director/Technical Director

Dean	Project:	Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number:	PP-2057	
Midland TX, 79707	Project Manager:	Sylwia Reynolds	

L CB CK TB

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Sylwia Reynolds
Company Name: Rean Services
Company Address: 12600 W County Rd 91
City/State/Zip: Midland 79707
Telephone No: 432 227 5369
Sampler Signature: Elizabeth Ghant

Project Name: Plains Jal Station #2
Project #: PP-2057
Project Loc: Jal, NM
PO #:
Fax No:
e-mail: Sylwia, Jeff, Elizabeth
Report Format: X Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: OE 20018

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP:	TOTAL: TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TPH 8015 Mod	BTEX 8021B	CL SM4500	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	CS-1	1'	X	5/20/20	1330		1	X								S					X	X	X		✓
2	CS-2	↓	↓	↓	1333		↓	↓								↓					↓	↓	↓		↓
3	CS-3				1335																				
4	CS-4	↓	↓	↓	1340		↓	↓								↓					↓	↓	↓		↓

Special Instructions:
email Sylwia Jeff + Elizabeth

Relinquished by:	Date	Time	Received by:	Date	Time
Elizabeth Ghant	5/20/20	1505			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by/PBEL: Jessica Kramer	5/20/20	15:05

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star	X	N

Temperature Upon Receipt:
Received: 2.5 °C CF +1
Adjusted: 3.5 °C Factor: CF

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

PBELAB

Analytical Report

Prepared for:

Sylwia Reynolds

Dean

12600 W County Rd 91

Midland, TX 79707

Project: Plains Jal Station #2 5.15.20

Project Number: PP-2057

Location: Jal, NM

Lab Order Number: 0F11006

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 06/19/20

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-S1 @ 6"	0F11006-01	Soil	06/11/20 09:05	06-11-2020 13:15
SW-S2 @ 6"	0F11006-02	Soil	06/11/20 09:09	06-11-2020 13:15
SW-E @ 6"	0F11006-03	Soil	06/11/20 09:12	06-11-2020 13:15
SW-N1 @ 6"	0F11006-04	Soil	06/11/20 09:13	06-11-2020 13:15
SW-N2 @ 6"	0F11006-05	Soil	06/11/20 09:15	06-11-2020 13:15
SW-W @ 6"	0F11006-06	Soil	06/11/20 09:20	06-11-2020 13:15
CS-5 @ 2'	0F11006-07	Soil	06/11/20 09:24	06-11-2020 13:15
SW-Composite @ 1'	0F11006-08	Soil	06/11/20 09:27	06-11-2020 13:15

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

SW-S1 @ 6"

0F11006-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	**0.00768**	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	**0.00795**	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.0 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**101**	5.05	mg/kg dry	5	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F1104	06/11/20	06/11/20	TPH 8015M	
>C12-C28	**118**	25.3	mg/kg dry	1	P0F1104	06/11/20	06/11/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F1104	06/11/20	06/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P0F1104*	*06/11/20*	*06/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0F1104*	*06/11/20*	*06/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**118**	25.3	mg/kg dry	1	[CALC]	06/11/20	06/11/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

SW-S2 @ 6"

0F11006-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**51.9**	1.01	mg/kg dry	1	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.3 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/12/20	06/12/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

SW-E @ 6"

0F11006-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.2 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**84.3**	1.01	mg/kg dry	1	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C12-C28	**72.2**	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*78.7 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.8 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**72.2**	25.3	mg/kg dry	1	[CALC]	06/12/20	06/12/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

SW-N1 @ 6"

0F11006-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00140**	0.00100	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	**0.00726**	0.00500	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	**0.00538**	0.00500	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*84.0 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**46.1**	1.00	mg/kg dry	1	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C12-C28	**35.8**	25.0	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.8 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**35.8**	25.0	mg/kg dry	1	[CALC]	06/12/20	06/12/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

SW-N2 @ 6"

0F11006-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	**0.00521**	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	**0.00833**	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.9 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.1 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**80.7**	5.05	mg/kg dry	5	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.6 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*85.7 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/12/20	06/12/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

SW-W @ 6"

0F11006-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.6 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*86.2 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.6**	1.01	mg/kg dry	1	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.0 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.2 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/12/20	06/12/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

CS-5 @ 2'

0F11006-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	**0.00859**	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*84.5 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.6**	1.01	mg/kg dry	1	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.7 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.3 %*	*70-130*		*P0F1203*	*06/12/20*	*06/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/12/20	06/12/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

SW-Composite @ 1'

0F11006-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00121**	0.00101	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Toluene	**0.00736**	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Ethylbenzene	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (p/m)	**0.00734**	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Xylene (o)	ND	0.00505	mg/kg dry	1	P0F1103	06/11/20	06/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.4 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*83.6 %*	*75-125*		*P0F1103*	*06/11/20*	*06/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.1**	1.01	mg/kg dry	1	P0F1217	06/12/20	06/17/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0F1201	06/12/20	06/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/13/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/13/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0F1203	06/12/20	06/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.7 %*	*70-130*		*P0F1203*	*06/12/20*	*06/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.4 %*	*70-130*		*P0F1203*	*06/12/20*	*06/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	06/12/20	06/13/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1103 - General Preparation (GC)										
Blank (P0F1103-BLK1)				Prepared & Analyzed: 06/11/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.00500	"							
Xylene (o)	ND	0.00500	"							
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.3*	*75-125*			
LCS (P0F1103-BS1)				Prepared & Analyzed: 06/11/20						
Benzene	0.0918	0.00100	mg/kg wet	0.100		91.8	70-130			
Toluene	0.0957	0.00500	"	0.100		95.7	70-130			
Ethylbenzene	0.0967	0.00500	"	0.100		96.7	70-130			
Xylene (p/m)	0.193	0.00500	"	0.200		96.3	70-130			
Xylene (o)	0.103	0.00500	"	0.100		103	70-130			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*86.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.6*	*75-125*			
LCS Dup (P0F1103-BSD1)				Prepared & Analyzed: 06/11/20						
Benzene	0.0872	0.00100	mg/kg wet	0.100		87.2	70-130	5.17	20	
Toluene	0.0915	0.00500	"	0.100		91.5	70-130	4.44	20	
Ethylbenzene	0.0960	0.00500	"	0.100		96.0	70-130	0.778	20	
Xylene (p/m)	0.186	0.00500	"	0.200		93.0	70-130	3.48	20	
Xylene (o)	0.0997	0.00500	"	0.100		99.7	70-130	3.55	20	
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.4*	*75-125*			
Calibration Blank (P0F1103-CCB1)				Prepared & Analyzed: 06/11/20						
Benzene	0.00		mg/kg wet							
Toluene	0.630		"							
Ethylbenzene	0.570		"							
Xylene (p/m)	1.18		"							
Xylene (o)	0.390		"							
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.102*		"	*0.120*		*85.3*	*75-125*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1103 - General Preparation (GC)										
Calibration Blank (P0F1103-CCB2)				Prepared & Analyzed: 06/11/20						
Benzene	0.00		mg/kg wet							
Toluene	0.610		"							
Ethylbenzene	0.550		"							
Xylene (p/m)	1.15		"							
Xylene (o)	0.380		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.9*	*75-125*			
Calibration Check (P0F1103-CCV1)				Prepared & Analyzed: 06/11/20						
Benzene	0.0944	0.00100	mg/kg wet	0.100		94.4	80-120			
Toluene	0.0974	0.00500	"	0.100		97.4	80-120			
Ethylbenzene	0.0978	0.00500	"	0.100		97.8	80-120			
Xylene (p/m)	0.192	0.00500	"	0.200		95.8	80-120			
Xylene (o)	0.107	0.00500	"	0.100		107	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.103*		*"*	*0.120*		*86.1*	*75-125*			
Calibration Check (P0F1103-CCV2)				Prepared & Analyzed: 06/11/20						
Benzene	0.0911	0.00100	mg/kg wet	0.100		91.1	80-120			
Toluene	0.0942	0.00500	"	0.100		94.2	80-120			
Ethylbenzene	0.0936	0.00500	"	0.100		93.6	80-120			
Xylene (p/m)	0.183	0.00500	"	0.200		91.5	80-120			
Xylene (o)	0.103	0.00500	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*97.0*	*75-125*			
Calibration Check (P0F1103-CCV3)				Prepared: 06/11/20 Analyzed: 06/12/20						
Benzene	0.0895	0.00100	mg/kg wet	0.100		89.5	80-120			
Toluene	0.0931	0.00500	"	0.100		93.1	80-120			
Ethylbenzene	0.0944	0.00500	"	0.100		94.4	80-120			
Xylene (p/m)	0.182	0.00500	"	0.200		90.9	80-120			
Xylene (o)	0.103	0.00500	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.0*	*75-125*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1103 - General Preparation (GC)										
Matrix Spike (P0F1103-MS1)		**Source: 0F11006-01**		Prepared & Analyzed: 06/11/20						
Benzene	0.0778	0.00101	mg/kg dry	0.101	0.000859	76.2	80-120			QM-07
Toluene	0.0780	0.00505	"	0.101	0.00768	69.7	80-120			QM-07
Ethylbenzene	0.0892	0.00505	"	0.101	0.00228	86.0	80-120			
Xylene (p/m)	0.154	0.00505	"	0.202	0.00795	72.2	80-120			QM-07
Xylene (o)	0.0803	0.00505	"	0.101	0.00289	76.6	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.121*		*87.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.121*		*97.2*	*75-125*			
Matrix Spike Dup (P0F1103-MSD1)		**Source: 0F11006-01**		Prepared & Analyzed: 06/11/20						
Benzene	0.0793	0.00101	mg/kg dry	0.101	0.000859	77.6	80-120	1.83	20	QM-07
Toluene	0.0757	0.00505	"	0.101	0.00768	67.3	80-120	3.39	20	QM-07
Ethylbenzene	0.0855	0.00505	"	0.101	0.00228	82.4	80-120	4.35	20	
Xylene (p/m)	0.147	0.00505	"	0.202	0.00795	68.8	80-120	4.84	20	QM-07
Xylene (o)	0.0774	0.00505	"	0.101	0.00289	73.8	80-120	3.72	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.121*		*85.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.121*		*95.4*	*75-125*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
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Midland TX, 79707	Project Manager: Sylwia Reynolds	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1201 - * DEFAULT PREP *** **										
Blank (P0F1201-BLK1)				Prepared & Analyzed: 06/12/20						
% Moisture	ND	0.1	%							
Duplicate (P0F1201-DUP1)		**Source: 0F11006-05**		Prepared & Analyzed: 06/12/20						
% Moisture	ND	0.1	%		1.0			200	20	
Duplicate (P0F1201-DUP2)		**Source: 0F11008-02**		Prepared & Analyzed: 06/12/20						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Batch P0F1217 - * DEFAULT PREP *** **										
Blank (P0F1217-BLK1)				Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0F1217-BS1)				Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	411	1.00	mg/kg wet	400		103	80-120			
LCS Dup (P0F1217-BSD1)				Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	413	1.00	mg/kg wet	400		103	80-120	0.282	20	
Calibration Blank (P0F1217-CCB1)				Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0F1217-CCV1)				Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	19.3		mg/kg	20.0		96.6	0-200			
Calibration Check (P0F1217-CCV2)				Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	19.2		mg/kg	20.0		96.1	0-200			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1217 - * DEFAULT PREP *** **										
Calibration Check (P0F1217-CCV3)				Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	18.9		mg/kg	20.0		94.7	0-200			
Matrix Spike (P0F1217-MS1)		**Source: 0F10011-04**		Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	16700	53.2	mg/kg dry	5320	10700	113	80-120			
Matrix Spike (P0F1217-MS2)		**Source: 0F11007-07**		Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	5820	11.8	mg/kg dry	1180	4350	125	80-120			QM-05
Matrix Spike Dup (P0F1217-MSD1)		**Source: 0F10011-04**		Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	16900	53.2	mg/kg dry	5320	10700	117	80-120	1.18	20	
Matrix Spike Dup (P0F1217-MSD2)		**Source: 0F11007-07**		Prepared: 06/12/20 Analyzed: 06/17/20						
Chloride	4960	11.8	mg/kg dry	1180	4350	51.5	80-120	16.0	20	QM-05

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1203 - TX 1005										
Blank (P0F1203-BLK1)				Prepared & Analyzed: 06/12/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*89.0*		*"*	*100*		*89.0*	*70-130*			
Surrogate: o-Terphenyl	*45.1*		*"*	*50.0*		*90.2*	*70-130*			
LCS (P0F1203-BS1)				Prepared & Analyzed: 06/12/20						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125			
>C12-C28	1130	25.0	"	1000		113	75-125			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*41.3*		*"*	*50.0*		*82.6*	*70-130*			
LCS Dup (P0F1203-BSD1)				Prepared & Analyzed: 06/12/20						
C6-C12	1000	25.0	mg/kg wet	1000		100	75-125	2.87	20	
>C12-C28	1200	25.0	"	1000		120	75-125	5.84	20	
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*41.2*		*"*	*50.0*		*82.3*	*70-130*			
Calibration Blank (P0F1203-CCB1)				Prepared & Analyzed: 06/12/20						
C6-C12	13.2		mg/kg wet							
>C12-C28	18.9		"							
Surrogate: 1-Chlorooctane	*91.1*		*"*	*100*		*91.1*	*70-130*			
Surrogate: o-Terphenyl	*46.7*		*"*	*50.0*		*93.4*	*70-130*			
Calibration Blank (P0F1203-CCB2)				Prepared & Analyzed: 06/12/20						
C6-C12	7.28		mg/kg wet							
>C12-C28	11.9		"							
Surrogate: 1-Chlorooctane	*95.8*		*"*	*100*		*95.8*	*70-130*			
Surrogate: o-Terphenyl	*48.5*		*"*	*50.0*		*97.0*	*70-130*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0F1203 - TX 1005										
Calibration Check (P0F1203-CCV1)				Prepared & Analyzed: 06/12/20						
C6-C12	541	25.0	mg/kg wet	500		108	85-115			
>C12-C28	546	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*89.4*		*"*	*100*		*89.4*	*70-130*			
Surrogate: o-Terphenyl	*40.2*		*"*	*50.0*		*80.5*	*70-130*			
Calibration Check (P0F1203-CCV2)				Prepared & Analyzed: 06/12/20						
C6-C12	536	25.0	mg/kg wet	500		107	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*91.3*		*"*	*100*		*91.3*	*70-130*			
Surrogate: o-Terphenyl	*41.1*		*"*	*50.0*		*82.2*	*70-130*			
Calibration Check (P0F1203-CCV3)				Prepared: 06/12/20 Analyzed: 06/13/20						
C6-C12	520	25.0	mg/kg wet	500		104	85-115			
>C12-C28	534	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*91.7*		*"*	*100*		*91.7*	*70-130*			
Surrogate: o-Terphenyl	*40.2*		*"*	*50.0*		*80.3*	*70-130*			
Matrix Spike (P0F1203-MS1)		**Source: 0F11006-02**		Prepared: 06/12/20 Analyzed: 06/13/20						
C6-C12	1120	25.3	mg/kg dry	1010	10.6	109	75-125			
>C12-C28	1180	25.3	"	1010	19.1	114	75-125			
Surrogate: 1-Chlorooctane	*106*		*"*	*101*		*105*	*70-130*			
Surrogate: o-Terphenyl	*47.0*		*"*	*50.5*		*93.1*	*70-130*			
Matrix Spike Dup (P0F1203-MSD1)		**Source: 0F11006-02**		Prepared: 06/12/20 Analyzed: 06/13/20						
C6-C12	1070	25.3	mg/kg dry	1010	10.6	105	75-125	4.12	20	
>C12-C28	1120	25.3	"	1010	19.1	109	75-125	5.05	20	
Surrogate: 1-Chlorooctane	*107*		*"*	*101*		*106*	*70-130*			
Surrogate: o-Terphenyl	*47.2*		*"*	*50.5*		*93.5*	*70-130*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Notes and Definitions

ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/19/2020

Brent Barron, Laboratory Director/Technical Director

Dean	Project:	Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number:	PP-2057	
Midland TX, 79707	Project Manager:	Sylwia Reynolds	

LKC ck OH 1 of 1

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Elizabeth Stuart / Sylvia Reynolds
Company Name: Dean Services
Company Address: 12600 W CRd 91
City/State/Zip: Midland, TX 79707
Telephone No: 432 227 5369
Fax No:
Sampler Signature: [signature]
e-mail: Sylvia, Jeff, Elizabeth; add kaylan longee @ ~~deanbys~~ dean equip

Project Name: Jal #2 Station
Project #: 2057
Project Loc: Jal, NM
PO #: SES 2020-047
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: OF11006

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix	TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TPH 8015 Mod	CL SM 4500	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	SW-S1 @ 6"		6"	6/11/20	0905		1	X											X	X	X		X
2	SW-S2 @ 6"		↓	↓	0909		↓	↓											↓	↓	X		
3	SW-E @ 6"				0912																↓		
4	SW-N1 @ 6"				0913																		
5	SW-N2 @ 6"				0915																		
6	SW-W @ 6"		↓		0920																		
7	CS-5 @ 2'		2'		0924																		
8	SW-Composite @ 1'		1'	↓	0927		↓	↓											↓	↓	↓		

Matrix: DW=Drinking Water SL=Sludge; GW = Groundwater S=Soil/Solid; NP=Non-Potable Specify Other

Analyze For: TCLP: TOTAL:

Special Instructions: add Kaylon ~~Lo~~ Longee to ~~email~~ Kaylonlongee@deanequip.com

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/11/20	1315			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: [signature]	6-11-20	1315

Laboratory Comments:
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N
Labels on container(s) (Y) N
Custody seals on container(s) Y N
Custody seals on cooler(s) (Y) N
Sample Hand Delivered (Y) N
by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 3.2 °C
Adjusted: 3.2 °C Factor CF1.22

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

PBELAB

Analytical Report

Prepared for:

Sylwia Reynolds

Dean

12600 W County Rd 91

Midland, TX 79707

Project: Plains Jal Station #2 5.15.20

Project Number: PP-2057

Location: Jal, NM

Lab Order Number: 0E20019

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-18-9

Report Date: 05/28/20

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1	0E20019-01	Soil	05/20/20 13:45	05-20-2020 15:14

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

SP-1

0E20019-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.237**	0.0204	mg/kg dry	20	P0E2102	05/21/20	05/22/20	EPA 8021B	
Toluene	**3.70**	0.0204	mg/kg dry	20	P0E2102	05/21/20	05/22/20	EPA 8021B	
Ethylbenzene	**3.53**	0.0204	mg/kg dry	20	P0E2102	05/21/20	05/22/20	EPA 8021B	
Xylene (p/m)	**8.29**	0.0408	mg/kg dry	20	P0E2102	05/21/20	05/22/20	EPA 8021B	
Xylene (o)	**2.91**	0.0204	mg/kg dry	20	P0E2102	05/21/20	05/22/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*58.6 %*	*75-125*		*P0E2102*	*05/21/20*	*05/22/20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*82.2 %*	*75-125*		*P0E2102*	*05/21/20*	*05/22/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**73.3**	1.02	mg/kg dry	1	P0E2205	05/22/20	05/22/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1250**	25.5	mg/kg dry	1	P0E2107	05/21/20	05/27/20	TPH 8015M	
>C12-C28	**4240**	25.5	mg/kg dry	1	P0E2107	05/21/20	05/27/20	TPH 8015M	
>C28-C35	**751**	25.5	mg/kg dry	1	P0E2107	05/21/20	05/27/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0E2107*	*05/21/20*	*05/27/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0E2107*	*05/21/20*	*05/27/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**6240**	25.5	mg/kg dry	1	[CALC]	05/21/20	05/27/20	calc	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2102 - General Preparation (GC)										
Blank (P0E2102-BLK1)				Prepared & Analyzed: 05/21/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*88.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*93.8*	*75-125*			
LCS (P0E2102-BS1)				Prepared & Analyzed: 05/21/20						
Benzene	0.0974	0.00100	mg/kg wet	0.100		97.4	70-130			
Toluene	0.0959	0.00200	"	0.100		95.9	70-130			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	70-130			
Xylene (p/m)	0.204	0.00200	"	0.200		102	70-130			
Xylene (o)	0.0961	0.00100	"	0.100		96.1	70-130			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.1*	*75-125*			
LCS Dup (P0E2102-BSD1)				Prepared & Analyzed: 05/21/20						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130	9.48	20	
Toluene	0.105	0.00200	"	0.100		105	70-130	9.05	20	
Ethylbenzene	0.0966	0.00100	"	0.100		96.6	70-130	3.09	20	
Xylene (p/m)	0.225	0.00200	"	0.200		112	70-130	9.84	20	
Xylene (o)	0.108	0.00100	"	0.100		108	70-130	11.9	20	
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*89.7*	*75-125*			
Calibration Blank (P0E2102-CCB1)				Prepared & Analyzed: 05/21/20						
Benzene	0.460		mg/kg wet							
Toluene	1.29		"							
Ethylbenzene	0.580		"							
Xylene (p/m)	1.37		"							
Xylene (o)	0.350		"							
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.5*	*75-125*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2102 - General Preparation (GC)										
Calibration Blank (P0E2102-CCB2)				Prepared & Analyzed: 05/21/20						
Benzene	0.00		mg/kg wet							
Toluene	0.970		"							
Ethylbenzene	0.380		"							
Xylene (p/m)	0.750		"							
Xylene (o)	0.340		"							
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.120*		*94.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.7*	*75-125*			
Calibration Blank (P0E2102-CCB3)				Prepared & Analyzed: 05/21/20						
Benzene	0.00		mg/kg wet							
Toluene	1.73		"							
Ethylbenzene	0.580		"							
Xylene (p/m)	1.17		"							
Xylene (o)	0.360		"							
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*93.9*	*75-125*			
Calibration Check (P0E2102-CCV1)				Prepared & Analyzed: 05/21/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.0982	0.00200	"	0.100		98.2	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*75-125*			
Calibration Check (P0E2102-CCV2)				Prepared & Analyzed: 05/21/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*75-125*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2102 - General Preparation (GC)										
Calibration Check (P0E2102-CCV3)				Prepared & Analyzed: 05/21/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0959	0.00100	"	0.100		95.9	80-120			
Ethylbenzene	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.6	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.114*		"	*0.120*		*94.9*	*75-125*			
Matrix Spike (P0E2102-MS1)		**Source: 0E21002-03**		Prepared & Analyzed: 05/21/20						
Benzene	0.0730	0.00104	mg/kg dry	0.104	0.00832	62.1	80-120			QM-05
Toluene	0.0739	0.00104	"	0.104	0.0425	30.2	80-120			QM-05
Ethylbenzene	0.0718	0.00104	"	0.104	0.0549	16.2	80-120			QM-05
Xylene (p/m)	0.132	0.00208	"	0.208	0.119	5.96	80-120			QM-05
Xylene (o)	0.0759	0.00104	"	0.104	0.0628	12.5	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.0821*		"	*0.125*		*65.7*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.135*		"	*0.125*		*108*	*75-125*			
Matrix Spike Dup (P0E2102-MSD1)		**Source: 0E21002-03**		Prepared & Analyzed: 05/21/20						
Benzene	0.0783	0.00104	mg/kg dry	0.104	0.00832	67.2	80-120	7.86	20	QM-05
Toluene	0.0793	0.00104	"	0.104	0.0425	35.3	80-120	15.7	20	QM-05
Ethylbenzene	0.0768	0.00104	"	0.104	0.0549	21.0	80-120	25.8	20	QM-05
Xylene (p/m)	0.176	0.00208	"	0.208	0.119	27.5	80-120	129	20	QM-05
Xylene (o)	0.0764	0.00104	"	0.104	0.0628	13.0	80-120	3.91	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.135*		"	*0.125*		*108*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0813*		"	*0.125*		*65.0*	*75-125*			*S-GC*

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2103 - * DEFAULT PREP *** **										
Blank (P0E2103-BLK1)				Prepared & Analyzed: 05/21/20						
% Moisture	ND	0.1	%							
Duplicate (P0E2103-DUP1)		**Source: 0E20004-01**		Prepared & Analyzed: 05/21/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0E2103-DUP2)		**Source: 0E20010-06**		Prepared & Analyzed: 05/21/20						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0E2103-DUP3)		**Source: 0E20012-13**		Prepared & Analyzed: 05/21/20						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0E2103-DUP4)		**Source: 0E20015-01**		Prepared & Analyzed: 05/21/20						
% Moisture	6.0	0.1	%		5.0			18.2	20	
Batch P0E2205 - * DEFAULT PREP *** **										
LCS (P0E2205-BS1)				Prepared & Analyzed: 05/22/20						
Chloride	408	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P0E2205-BSD1)				Prepared & Analyzed: 05/22/20						
Chloride	408	1.00	mg/kg wet	400		102	80-120	0.0221	20	
Calibration Check (P0E2205-CCV1)				Prepared & Analyzed: 05/22/20						
Chloride	19.9		mg/kg	20.0		99.4	0-200			
Calibration Check (P0E2205-CCV2)				Prepared & Analyzed: 05/22/20						
Chloride	20.1		mg/kg	20.0		100	0-200			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2205 - * DEFAULT PREP *** **										
Matrix Spike (P0E2205-MS1)	**Source: 0E20011-05**			Prepared & Analyzed: 05/22/20						
Chloride	11200	26.6	mg/kg dry	2660	8480	102	80-120			
Matrix Spike (P0E2205-MS2)	**Source: 0E20012-12**			Prepared & Analyzed: 05/22/20						
Chloride	4220	11.2	mg/kg dry	1120	3100	99.4	80-120			
Matrix Spike Dup (P0E2205-MSD1)	**Source: 0E20011-05**			Prepared & Analyzed: 05/22/20						
Chloride	11500	26.6	mg/kg dry	2660	8480	112	80-120	2.44	20	
Matrix Spike Dup (P0E2205-MSD2)	**Source: 0E20012-12**			Prepared & Analyzed: 05/22/20						
Chloride	4010	11.2	mg/kg dry	1120	3100	81.3	80-120	4.95	20	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2107 - TX 1005										
Blank (P0E2107-BLK1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		*"*	*50.0*		*119*	*70-130*			
LCS (P0E2107-BS1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	1130	25.0	mg/kg wet	1000		113	75-125			
>C12-C28	1250	25.0	"	1000		125	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*58.5*		*"*	*50.0*		*117*	*70-130*			
LCS Dup (P0E2107-BSD1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125	0.861	20	
>C12-C28	1240	25.0	"	1000		124	75-125	0.667	20	
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*57.2*		*"*	*50.0*		*114*	*70-130*			
Calibration Blank (P0E2107-CCB1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	9.44		mg/kg wet							
>C12-C28	6.34		"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		*"*	*50.0*		*119*	*70-130*			
Calibration Blank (P0E2107-CCB2)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	12.0		mg/kg wet							
>C12-C28	11.5		"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*56.4*		*"*	*50.0*		*113*	*70-130*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2107 - TX 1005										
Calibration Check (P0E2107-CCV1)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	551	25.0	mg/kg wet	500		110	85-115			
>C12-C28	564	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*55.5*		*"*	*50.0*		*111*	*70-130*			
Calibration Check (P0E2107-CCV2)				Prepared: 05/21/20 Analyzed: 05/23/20						
C6-C12	546	25.0	mg/kg wet	500		109	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*122*		*"*	*100*		*122*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P0E2107-CCV3)				Prepared: 05/21/20 Analyzed: 05/24/20						
C6-C12	507	25.0	mg/kg wet	500		101	85-115			
>C12-C28	540	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*51.6*		*"*	*50.0*		*103*	*70-130*			
Matrix Spike (P0E2107-MS1)		**Source: 0E21004-04**		Prepared: 05/21/20 Analyzed: 05/24/20						
C6-C12	1120	25.0	mg/kg dry	1000	18.3	111	75-125			
>C12-C28	1230	25.0	"	1000	ND	123	75-125			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*44.6*		*"*	*50.0*		*89.3*	*70-130*			
Matrix Spike Dup (P0E2107-MSD1)		**Source: 0E21004-04**		Prepared: 05/21/20 Analyzed: 05/24/20						
C6-C12	1110	25.0	mg/kg dry	1000	18.3	109	75-125	1.31	20	
>C12-C28	1230	25.0	"	1000	ND	123	75-125	0.742	20	
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*44.3*		*"*	*50.0*		*88.6*	*70-130*			

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 5/28/2020

Brent Barron, Laboratory Director/Technical Director

Dean	Project:	Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number:	PP-2057	
Midland TX, 79707	Project Manager:	Sylwia Reynolds	

LOS CHILDS

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Sylwia Reynolds
Company Name: Dean Services
Company Address: 12600 W. County Rd 91
City/State/Zip: Midland, TX 79707
Telephone No: 432 227 5369 Fax No:
Sampler Signature: Chrystal Flint e-mail: Sylwia, Jeff, Chrystal

Project Name: Plains Jal Station #2
Project #: PP-2857
Project Loc:
PO #:
Report Format: X Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: OE20019

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	TOTAL: TPH 8015 mod	CL SM4500		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	SP-1	NA		5/20/20	1345		1	X											X	X	X			✓

Special Instructions: email Sylwia, Jeff, + Chrystal

Relinquished by:	Date	Time	Received by:	Date	Time
Chrystal Flint	5/20/20	1514			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: PBEL	Date 5/20/20	Time 15:14

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received 21.2 °C
Adjusted 22.2 °C Factor +1 CF

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

PBELAB

Analytical Report

Prepared for:

Sylwia Reynolds

Dean

12600 W County Rd 91

Midland, TX 79707

Project: Plains Jal Station #2 5.15.20

Project Number: PP-2057

Location: Jal, NM

Lab Order Number: 0E20017

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/05/20

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WC-1	0E20017-01	Soil	05/20/20 13:48	05-20-2020 15:09

RCI, TCLP Benzene and TCLP Metals analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

NORM analysis were subcontracted to ARS International, Port Allen LA. Their report is attached to the email due to incompatability with the PDF Format.

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

WC-1

0E20017-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Reactive Cyanide	ND	0.250	mg/kg	1	P0F0102	05/27/20 17:00	05/27/20 17:00	SW846 9010B	SUB-13
Ignitability by Flashpoint	> 212		°F	1	P0F0102	05/26/20 11:00	05/26/20 11:00	ASTM D93-80	SUB-13
pH	**7.17**	0.10	pH Units	1	P0F0102	05/26/20 15:35	05/26/20 15:35	EPA 9045B	SUB-13
Reactive Sulfide	ND	50.0	mg/kg	1	P0F0102	05/27/20 14:00	05/27/20 14:00	SW846 9030B	SUB-13
Naturally Occuring Radioactive Material (N.O.R.M.)									
Radium 226	ND	3.17	pCi/g	1	P0F0507	05/26/20 09:36	06/03/20 08:35	EPA 901.1	SUB12
Radium 228	ND	0.23	pCi/g	1	P0F0507	05/26/20 09:36	06/03/20 08:35	EPA 901.1	SUB12
Lead 210	ND	2.53	pCi/g	1	P0F0507	05/26/20 09:36	06/03/20 08:35	EPA 901.1	SUB12
Total Gamma	**19.4**		pCi/g	1	P0F0507	05/26/20 09:36	06/03/20 08:35	EPA 901.1	SUB12
Lead 210 Analysis Error	**1.72**		+/- 2 Sigma	1	P0F0507	05/26/20 09:36	06/03/20 08:35	EPA 901.1	SUB12
Radium 226 Analysis Error	**1.79**		+/- 2 Sigma	1	P0F0507	05/26/20 09:36	06/03/20 08:35	EPA 901.1	SUB12
Radium 228 Analysis Error	**2.09**		+/- 2 Sigma	1	P0F0507	05/26/20 09:36	06/03/20 08:35	EPA 901.1	SUB12
TCLP Metals 1311 by EPA / Standard Methods									
Mercury	ND	0.000200	mg/L	1	P0F0102	05/26/20 17:00	05/28/20 14:15	EPA 7470A	SUB-13
Chromium	ND	0.0500	mg/L	1	P0F0102	05/26/20 17:00	05/27/20 23:43	EPA 6020A	SUB-13
Arsenic	ND	0.0500	mg/L	1	P0F0102	05/26/20 17:00	05/27/20 23:43	EPA 6020A	SUB-13
Selenium	ND	0.0500	mg/L	1	P0F0102	05/26/20 17:00	05/27/20 23:43	EPA 6020A	SUB-13
Silver	ND	0.0500	mg/L	1	P0F0102	05/26/20 17:00	05/27/20 23:43	EPA 6020A	SUB-13
Cadmium	ND	0.0500	mg/L	1	P0F0102	05/26/20 17:00	05/27/20 23:43	EPA 6020A	SUB-13
Barium	**0.433**	0.200	mg/L	1	P0F0102	05/26/20 17:00	05/27/20 23:43	EPA 6020A	SUB-13
Lead	ND	0.0500	mg/L	1	P0F0102	05/26/20 17:00	05/27/20 23:43	EPA 6020A	SUB-13
TCLP Volatile Organic Compounds by EPA Method 1311/8260B									
Benzene	ND	100	ug/l	1	P0F0102	05/27/20 10:00	05/28/20 11:19	EPA 8260B	SUB-13

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

WC-1

0E20017-01 (Soil)

Permian Basin Environmental Lab, L.P.

Physical Parameters by APHA/ASTM/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Free Liquid	PASS		N/A	1	P0E2106	05/21/20 08:20	05/21/20 08:35	EPA 9095	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2106 - * DEFAULT PREP *** **										
Duplicate (P0E2106-DUP1)	**Source: 0E20017-01**		Prepared & Analyzed: 05/21/20							
Free Liquid	PASS		N/A		PASS				200	

Dean	Project: Plains Jal Station #2 5.15.20	Fax:
12600 W County Rd 91	Project Number: PP-2057	
Midland TX, 79707	Project Manager: Sylwia Reynolds	

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
SUB12	Analysis was subcontracted to ARS Port Allen Lousiana.
ROI	Received on Ice
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/5/2020

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Sylvia Reynolds
Company Name: Dean Services
Company Address: 12600 W County Rd 91
City/State/Zip: Midland TX 79707
Telephone No: 432 227 5369
Fax No:
Sampler Signature: Elizabeth Stout
e-mail: Sylvia, Jeff, Elizabeth

Project Name: Plains Jal Station #2 8/18/?
Project #: PP-2057
Project Loc:
PO #:
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: OE20017

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other)	TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RCI	TCLP 8 metal	TCLP Benzene	Paint Filter	Norm 226228	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	WC-1	NA		5/20/20	1348		3	X								S				X	X	X	X	X		✓

Analyze For: TCLP: TOTAL:

Special Instructions: email Sylvia - Jeff - Elizabeth

Relinquished by:	Date	Time	Received by:	Date	Time
Elizabeth Stout	5/20/20	1509			
			Received by PBEL: [signature]	5/20/20	15:09

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 2.5 °C CF+1
Adjusted: 2.5 °C Factor 2

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

May 28, 2020

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS20050914**

Laboratory Results for: **0E20017**

Dear Brent,

ALS Environmental received 1 sample(s) on May 22, 2020 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Andy C. Neir

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
Work Order: HS20050914

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS20050914-01	0E20017-1	Soil		20-May-2020 13:48	22-May-2020 09:10	☐

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 0E20017
Work Order: HS20050914

Work Order Comments

• Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.

The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.

GCMS Volatiles by Method SW8260

Batch ID: 153832

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW7470

Batch ID: 153922

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW1311/6020

Batch ID: 153850

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW7.3.4.2

Batch ID: R362226

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW7.3.3.2

Batch ID: R362227

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW9045D

Batch ID: R362147

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method ASTM D92-12b

Batch ID: R362133

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
Sample ID: 0E20017-1
Collection Date: 20-May-2020 13:48

ANALYTICAL REPORT
WorkOrder:HS20050914
Lab ID:HS20050914-01
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TCLP VOLATILES	**Method:SW8260**		Leache:SW1311 / 27-May-2020	Prep:SW1311 / 27-May-2020		Analyst: PC
Benzene	ND		0.10	mg/L	20	28-May-2020 11:19
Surr: 1,2-Dichloroethane-d4	*101*		*70-126*	*%REC*	*20*	*28-May-2020 11:19*
Surr: 4-Bromofluorobenzene	*94.3*		*82-124*	*%REC*	*20*	*28-May-2020 11:19*
Surr: Dibromofluoromethane	*99.2*		*77-123*	*%REC*	*20*	*28-May-2020 11:19*
Surr: Toluene-d8	*96.4*		*82-127*	*%REC*	*20*	*28-May-2020 11:19*
TCLP METALS BY SW6020A	**Method:SW1311/6020**		Leache:SW1311 / 27-May-2020	Prep:SW3010A / 27-May-2020		Analyst: JHD
Arsenic	ND		0.0500	mg/L	1	27-May-2020 23:43
Barium	**0.433**		**0.200**	**mg/L**	1	27-May-2020 23:43
Cadmium	ND		0.0500	mg/L	1	27-May-2020 23:43
Chromium	ND		0.0500	mg/L	1	27-May-2020 23:43
Lead	ND		0.0500	mg/L	1	27-May-2020 23:43
Selenium	ND		0.0500	mg/L	1	27-May-2020 23:43
Silver	ND		0.0500	mg/L	1	27-May-2020 23:43
TCLP MERCURY BY SW7470A	**Method:SW7470**		Leache:SW1311 / 27-May-2020	Prep:SW7470 / 28-May-2020		Analyst: FO
Mercury	ND		0.000200	mg/L	1	28-May-2020 14:15
FLASH POINT BY CLEVELAND OPEN CUP ASTM D92-12B	**Method:ASTM D92-12b**					Analyst: TH
Flash Point	> 212	n	50.0	°F	1	26-May-2020 11:00
REACTIVE CYANIDE	**Method:SW7.3.3.2**			Prep:SW7.3.3.2		Analyst: KVL
Reactive Cyanide	ND	n	100	mg/Kg	1	27-May-2020 17:00
REACTIVE SULFIDE	**Method:SW7.3.4.2**					Analyst: KVL
Reactive Sulfide	ND	n	100	mg/Kg	1	27-May-2020 14:00
PH SOIL BY SW9045D	**Method:SW9045D**					Analyst: MZD
pH	**7.17**	H	**0.100**	**pH Units**	1	26-May-2020 15:35
Temp Deg C @pH	**21.0**	H	**0**	**°C**	1	26-May-2020 15:35

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

Batch ID: 153827 **Start Date:** 26 May 2020 17:00 **End Date:** 27 May 2020 10:00
Method: TCLP MERCURY EXTRACTION BY SW1311 **Prep Code:** 1311LHG EXT

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20050914-01		100 (grams)	2000 (mL)	20

Batch ID: 153829 **Start Date:** 26 May 2020 17:00 **End Date:** 27 May 2020 10:00
Method: TCLP METALS EXTRACTION BY SW1311 **Prep Code:** 1311LM EXT

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20050914-01		100 (grams)	2000 (mL)	20

Batch ID: 153832 **Start Date:** 26 May 2020 17:00 **End Date:** 27 May 2020 10:00
Method: TCLP ZHE (VOL EXTRACTION) **Prep Code:** 1311ZHE

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20050914-01		25 (g)	500 (mL)	20

Batch ID: 153850 **Start Date:** 27 May 2020 14:00 **End Date:** 27 May 2020 18:00
Method: TCLP LEACHATE DIGESTION BY SW3010A **Prep Code:** 3010A_TCLP

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20050914-01		1 (mL)	10 (mL)	10

Batch ID: 153922 **Start Date:** 28 May 2020 10:00 **End Date:** 28 May 2020 12:00
Method: MERCURY TCLP PREP BY SW7470A **Prep Code:** 1311_HGPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20050914-01		10 (mL)	10 (mL)	1

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 153832 (0)	**Test Name :** TCLP VOLATILES				**Matrix:** Soil	
HS20050914-01	0E20017-1	20 May 2020 13:48	27 May 2020 10:00	27 May 2020 14:25	28 May 2020 11:19	20
Batch ID: 153850 (0)	**Test Name :** TCLP METALS BY SW6020A				**Matrix:** Soil	
HS20050914-01	0E20017-1	20 May 2020 13:48	27 May 2020 10:00	27 May 2020 18:00	27 May 2020 23:43	1
Batch ID: 153922 (0)	**Test Name :** TCLP MERCURY BY SW7470A				**Matrix:** Soil	
HS20050914-01	0E20017-1	20 May 2020 13:48	27 May 2020 10:00	28 May 2020 10:00	28 May 2020 14:15	1
Batch ID: R362133 (0)	**Test Name :** FLASH POINT BY CLEVELAND OPEN CUP ASTM D92-12B				**Matrix:** Soil	
HS20050914-01	0E20017-1	20 May 2020 13:48			26 May 2020 11:00	1
Batch ID: R362147 (0)	**Test Name :** PH SOIL BY SW9045D				**Matrix:** Soil	
HS20050914-01	0E20017-1	20 May 2020 13:48			26 May 2020 15:35	1
Batch ID: R362226 (0)	**Test Name :** REACTIVE SULFIDE				**Matrix:** Soil	
HS20050914-01	0E20017-1	20 May 2020 13:48			27 May 2020 14:00	1
Batch ID: R362227 (0)	**Test Name :** REACTIVE CYANIDE				**Matrix:** Soil	
HS20050914-01	0E20017-1	20 May 2020 13:48			27 May 2020 17:00	1

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: 153850 (0) **Instrument: ICPMS05** **Method: TCLP METALS BY SW6020A**

MBLK Sample ID: **MBLKT2-153850** Units: **mg/L** Analysis Date: **27-May-2020 22:34**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598288** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

MBLK Sample ID: **MBLKT3-153850** Units: **mg/L** Analysis Date: **27-May-2020 22:37**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598289** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

MBLK Sample ID: **MBLKT1-153850** Units: **mg/L** Analysis Date: **27-May-2020 22:32**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598287** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: 153850 (0) **Instrument: ICPMS05** **Method: TCLP METALS BY SW6020A**

MBLK Sample ID: **MBLK-153850** Units: **mg/L** Analysis Date: **27-May-2020 22:29**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598286** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.00500								
Barium	ND	0.0200								
Cadmium	ND	0.00500								
Chromium	ND	0.00500								
Lead	ND	0.00500								
Selenium	ND	0.00500								
Silver	ND	0.00500								

LCS Sample ID: **LCS-153850** Units: **mg/L** Analysis Date: **27-May-2020 22:39**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598290** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04608	0.00500	0.05	0	92.2	80 - 120				
Barium	0.04362	0.0200	0.05	0	87.2	80 - 120				
Cadmium	0.0458	0.00500	0.05	0	91.6	80 - 120				
Chromium	0.04549	0.00500	0.05	0	91.0	80 - 120				
Lead	0.04585	0.00500	0.05	0	91.7	80 - 120				
Selenium	0.04723	0.00500	0.05	0	94.5	80 - 120				
Silver	0.04496	0.00500	0.05	0	89.9	80 - 120				

MS Sample ID: **HS20050887-01MS** Units: **mg/L** Analysis Date: **27-May-2020 22:51**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598295** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.448	0.0500	0.5	0.00244	89.1	80 - 120				
Barium	0.5274	0.200	0.5	0.109	83.7	80 - 120				
Cadmium	0.4398	0.0500	0.5	-0.00002	88.0	80 - 120				
Chromium	0.4432	0.0500	0.5	0.00083	88.5	80 - 120				
Lead	0.4486	0.0500	0.5	0.00044	89.6	80 - 120				
Selenium	0.4527	0.0500	0.5	0.0024	90.1	80 - 120				
Silver	0.4393	0.0500	0.5	0.00004	87.8	80 - 120				

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: 153850 (0) **Instrument: ICPMS05** **Method: TCLP METALS BY SW6020A**

MSD Sample ID: **HS20050887-01MSD** Units: **mg/L** Analysis Date: **27-May-2020 22:53**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598296** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.4657	0.0500	0.5	0.00244	92.7	80 - 120	0.448	3.87	20	
Barium	0.5431	0.200	0.5	0.109	86.8	80 - 120	0.5274	2.94	20	
Cadmium	0.4606	0.0500	0.5	-0.00002	92.1	80 - 120	0.4398	4.63	20	
Chromium	0.4562	0.0500	0.5	0.00083	91.1	80 - 120	0.4432	2.88	20	
Lead	0.4806	0.0500	0.5	0.00044	96.0	80 - 120	0.4486	6.9	20	
Selenium	0.4628	0.0500	0.5	0.0024	92.1	80 - 120	0.4527	2.21	20	
Silver	0.4389	0.0500	0.5	0.00004	87.8	80 - 120	0.4393	0.0888	20	

PDS Sample ID: **HS20050887-01PDS** Units: **mg/L** Analysis Date: **27-May-2020 22:56**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598297** PrepDate: **27-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.9583	0.0500	1	0.00244	95.6	75 - 125				
Barium	1.009	0.200	1	0.109	90.0	75 - 125				
Cadmium	0.9212	0.0500	1	-0.00002	92.1	75 - 125				
Chromium	0.9311	0.0500	1	0.00083	93.0	75 - 125				
Lead	0.942	0.0500	1	0.00044	94.2	75 - 125				
Selenium	0.9706	0.0500	1	0.0024	96.8	75 - 125				
Silver	0.9715	0.0500	1	0.00004	97.1	75 - 125				

SD Sample ID: **HS20050887-01SD** Units: **mg/L** Analysis Date: **27-May-2020 22:49**
Client ID: Run ID: **ICPMS05_362185** SeqNo: **5598294** PrepDate: **27-May-2020** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Arsenic	ND	0.250					0.00244	0	10	
Barium	0.1057	1.00					0.109	0	10	J
Cadmium	ND	0.250					-0.00002	0	10	
Chromium	ND	0.250					0.00083	0	10	
Lead	ND	0.250					0.00044	0	10	
Selenium	ND	0.250					0.0024	0	10	
Silver	ND	0.250					0.00004	0	10	

The following samples were analyzed in this batch: HS20050914-01

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: 153922 (0) **Instrument: HG03** **Method: TCLP MERCURY BY SW7470A**

MBLK Sample ID: **MBLKT1-153922** Units: **mg/L** Analysis Date: **28-May-2020 13:52**
Client ID: Run ID: **HG03_362311** SeqNo: **5599756** PrepDate: **28-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.000200								

MBLK Sample ID: **MBLK-153922** Units: **mg/L** Analysis Date: **28-May-2020 13:44**
Client ID: Run ID: **HG03_362311** SeqNo: **5599751** PrepDate: **28-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.000200								

LCS Sample ID: **LCS-153922** Units: **mg/L** Analysis Date: **28-May-2020 13:46**
Client ID: Run ID: **HG03_362311** SeqNo: **5599752** PrepDate: **28-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00494	0.000200	0.005	0	98.8	80 - 120				

MS Sample ID: **HS20050886-01MS** Units: **mg/L** Analysis Date: **28-May-2020 13:49**
Client ID: Run ID: **HG03_362311** SeqNo: **5599754** PrepDate: **28-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00501	0.000200	0.005	0.000057	99.1	75 - 125				

MSD Sample ID: **HS20050886-01MSD** Units: **mg/L** Analysis Date: **28-May-2020 13:51**
Client ID: Run ID: **HG03_362311** SeqNo: **5599755** PrepDate: **28-May-2020** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00528	0.000200	0.005	0.000057	104	75 - 125	0.00501	5.25	20	

The following samples were analyzed in this batch: HS20050914-01

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: 153832 (0) **Instrument: VOA9** **Method: TCLP VOLATILES**

MBLK Sample ID: **MBLK-153832** Units: **ug/L** Analysis Date: **28-May-2020 06:27**
Client ID: Run ID: **VOA9_362267** SeqNo: **5599068** PrepDate: **27-May-2020** DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	100								
Surr: 1,2-Dichloroethane-d4	*968.1*	*100*	*1000*	*0*	*96.8*	*70 - 130*				
Surr: 4-Bromofluorobenzene	*930.3*	*100*	*1000*	*0*	*93.0*	*82 - 115*				
Surr: Dibromofluoromethane	*987*	*100*	*1000*	*0*	*98.7*	*73 - 126*				
Surr: Toluene-d8	*966.2*	*100*	*1000*	*0*	*96.6*	*81 - 120*				

LCS Sample ID: **VLCSW-153832** Units: **ug/L** Analysis Date: **28-May-2020 03:12**
Client ID: Run ID: **VOA9_362267** SeqNo: **5599064** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.2	5.0	20	0	96.0	74 - 120				
Surr: 1,2-Dichloroethane-d4	*46.72*	*5.0*	*50*	*0*	*93.4*	*70 - 130*				
Surr: 4-Bromofluorobenzene	*50.02*	*5.0*	*50*	*0*	*100*	*82 - 115*				
Surr: Dibromofluoromethane	*47.03*	*5.0*	*50*	*0*	*94.1*	*73 - 126*				
Surr: Toluene-d8	*48.58*	*5.0*	*50*	*0*	*97.2*	*81 - 120*				

MS Sample ID: **HS20050892-05MS** Units: **ug/L** Analysis Date: **28-May-2020 04:49**
Client ID: Run ID: **VOA9_362267** SeqNo: **5599067** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.66	5.0	20	0	98.3	70 - 127				
Surr: 1,2-Dichloroethane-d4	*46.87*	*5.0*	*50*	*0*	*93.7*	*70 - 126*				
Surr: 4-Bromofluorobenzene	*50.28*	*5.0*	*50*	*0*	*101*	*82 - 124*				
Surr: Dibromofluoromethane	*47.31*	*5.0*	*50*	*0*	*94.6*	*77 - 123*				
Surr: Toluene-d8	*48.77*	*5.0*	*50*	*0*	*97.5*	*82 - 127*				

The following samples were analyzed in this batch: HS20050914-01

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: R362133 (0) **Instrument:** WetChem_HS **Method:** FLASH POINT BY CLEVELAND OPEN CUP ASTM D92-12B

DUP Sample ID: **HS20050913-01DUP** Units: **°F** Analysis Date: **26-May-2020 11:00**
Client ID: Run ID: **WetChem_HS_362133** SeqNo: **5595823** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Flash Point	> 212	50.0					0	0	30	

The following samples were analyzed in this batch: HS20050914-01

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: R362147 (0) **Instrument: WetChem_HS** **Method: PH SOIL BY SW9045D**

DUP Sample ID: **HS20050903-02DUP** Units: **pH Units** Analysis Date: **26-May-2020 15:35**
Client ID: Run ID: **WetChem_HS_362147** SeqNo: **5596111** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.74	0.100					7.8	0.772	10	
Temp Deg C @pH	21.4	0					21.2	0.939	10	

The following samples were analyzed in this batch: HS20050914-01

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: R362226 (0) **Instrument: WetChem_HS** **Method: REACTIVE SULFIDE**

MBLK Sample ID: **MBLK-R362226** Units: **mg/Kg** Analysis Date: **27-May-2020 14:00**
Client ID: Run ID: **WetChem_HS_362226** SeqNo: **5597891** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Reactive Sulfide	ND	100								

LCS Sample ID: **LCS-R362226** Units: **mg/Kg** Analysis Date: **27-May-2020 14:00**
Client ID: Run ID: **WetChem_HS_362226** SeqNo: **5597890** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Reactive Sulfide	66.4	100	100	0	66.4	20 - 120				J

MS Sample ID: **HS20050933-01MS** Units: **mg/Kg** Analysis Date: **27-May-2020 14:00**
Client ID: Run ID: **WetChem_HS_362226** SeqNo: **5597892** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Reactive Sulfide	62.4	100	100	0	62.4	20 - 120				J

The following samples were analyzed in this batch: HS20050914-01

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: HS20050914

QC BATCH REPORT

Batch ID: R362227 (0) **Instrument: UV-2450** **Method: REACTIVE CYANIDE**

MBLK Sample ID: **MBLK-R362227** Units: **mg/Kg** Analysis Date: **27-May-2020 17:00**
Client ID: Run ID: **UV-2450_362227** SeqNo: **5597904** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Reactive Cyanide	ND	100								

LCS Sample ID: **LCS-R362227** Units: **mg/Kg** Analysis Date: **27-May-2020 17:00**
Client ID: Run ID: **UV-2450_362227** SeqNo: **5597903** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Reactive Cyanide	0.7	100	10	0	7.00	5 - 100				J

MS Sample ID: **HS20050933-01MS** Units: **mg/Kg** Analysis Date: **27-May-2020 17:00**
Client ID: Run ID: **UV-2450_362227** SeqNo: **5597905** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Reactive Cyanide	0.63	100	10	0	6.30	5 - 100				J

The following samples were analyzed in this batch: HS20050914-01

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
WorkOrder: **HS20050914**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
Date	
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
Dept of Defense	ANAB L2231 V009	22-Dec-2021
Florida	E87611-28	30-Jun-2020
Kansas	E-10352 2019-2020	31-Jul-2020
Louisiana	03087, 2019-2020	30-Jun-2020
Maryland	343, 2019-2020	30-Jun-2020
North Carolina	624-2020	31-Dec-2020
Oklahoma	2019-141	31-Aug-2020
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US Date: 28-May-20

Client: Permian Basin Environmental Lab, LP
Project: 0E20017
Work Order: HS20050914

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS20050914-01	0E20017-1	Login	5/22/2020 6:25:01 PM	JRM	SPA282

ALS Houston, US Date: 28-May-20

Sample Receipt Checklist

Work Order ID: HS20050914 **Date/Time Received:** 22-May-2020 09:10

Client Name: Permian Basin Lab **Received by:** Paresh M. Giga

Completed By:	/S/ Jared R. Makan	22-May-2020 18:14	**Reviewed by:**	/S/ Andy C. Neir	25-May-2020 17:10
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **Soil** Carrier name: **FedEx Standard Overnight**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.2°C/3.2°C UC/C	IR25	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	05/22/2020 18:28		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184 Fax No:
Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project Name: SUBCONTRACT
Project #:
Project Loc:
PO #:
Report Format: X Standard ☐ TRRP ☐ NPDE

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 2x 40mL VOA	H_2SO_4 1 Amber 500 250 poly	NaOH /ZNAC 250 Poly 1	$Na_2S_2O_3$	None Poly 500mL 250mL Glass Amber 1000 500 mL	NaOH/ZnAc	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	RCI	8082 PCB ONLY	METALS,TCLP RCRA 8 BY ICPMS/7	TCLP BENZENE	NORM COMPLETE	TCLP BTEX 8021B	BOD -405.1	8270C PAH LL	8260B COMPLETE LIST	8270C SVOC TCLP	TOX 9020B	Triethylene Glycol 8015m	PH	24 HOUR RUSH	Standard TAT 4 DAY
	0E20017-1			5/20/2020	13:48		8	X									S		X		X	X	X										X
							2	B# 5/21																									

HS20050914
Permian Basin Environmental Lab, LP
0E20017

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	5/21/20 5/21/2020	16:00			
Relinquished by:	Date 05/22/20	Time 9:10	Received by: PG	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lc		
Temperature Upon Receipt:		
Received: °C		
Adjusted: °C Factor		

Red 3.2 IR25

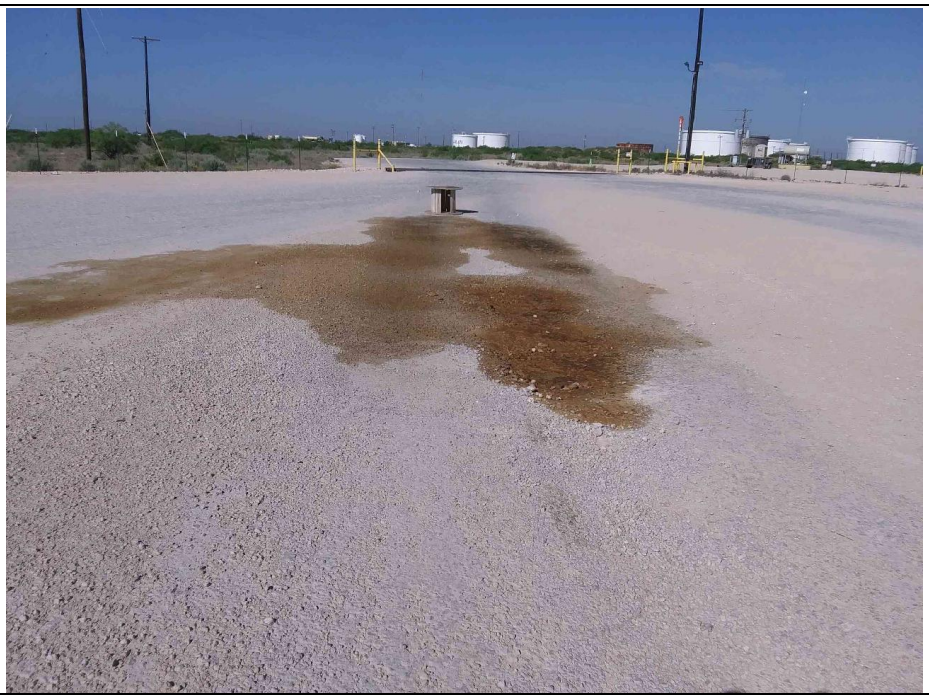
Red MAY 2 2 2020

APPENDIX D

PHOTOGRAPHIC DOCUMENTATION\

PP-2057 Plains Jal 2 Truck Station Release
SRS 2020-047

Photograph No 1.	
Date: May 20, 2020	Direction: East
Description: View of release area.	



Photograph No 2.	
Date: May 20, 2020	Direction: East
Description: View of release area.	

Photograph No 3.	
Date: May 20, 2020	Direction: West
Description: View of release area.	

Photograph No 4.	
Date: May 20, 2020	Direction: West
Description: View of release area after excavation activities.	

PP-2057 Plains Jal 2 Truck Station Release
SRS 2020-047

Photograph No 5.	
Date: May 20, 2020	Direction: East
Description: View of release area after excavation activities.	

Photograph No 6.	
Date: May 20, 2020	Direction: East
Description: View of release area after excavation activities.	

Photograph No 7.	
Date: June 11, 2020	Direction: East
Description: View of release area post backfill activities.	

Photograph No 8.	
Date: June 11, 2020	Direction: West
Description: View of release area post backfill activities.	

APPENDIX E

FIELD SCREENING DELINEATION

5/20/20 Plains Jal Station

arrive 0830 TX time

technical oversee + sample collection

Robert + Joe Bellar sups

Jose Rodriguez, Operator

Roberto Pedroza - spotter / laborer

CS-1:	1330	@ 1ft
CS-2:	1333	↓
CS-3:	1335	
CS-4:	1340	
SP-1	1345	NA
WC-1	1346	

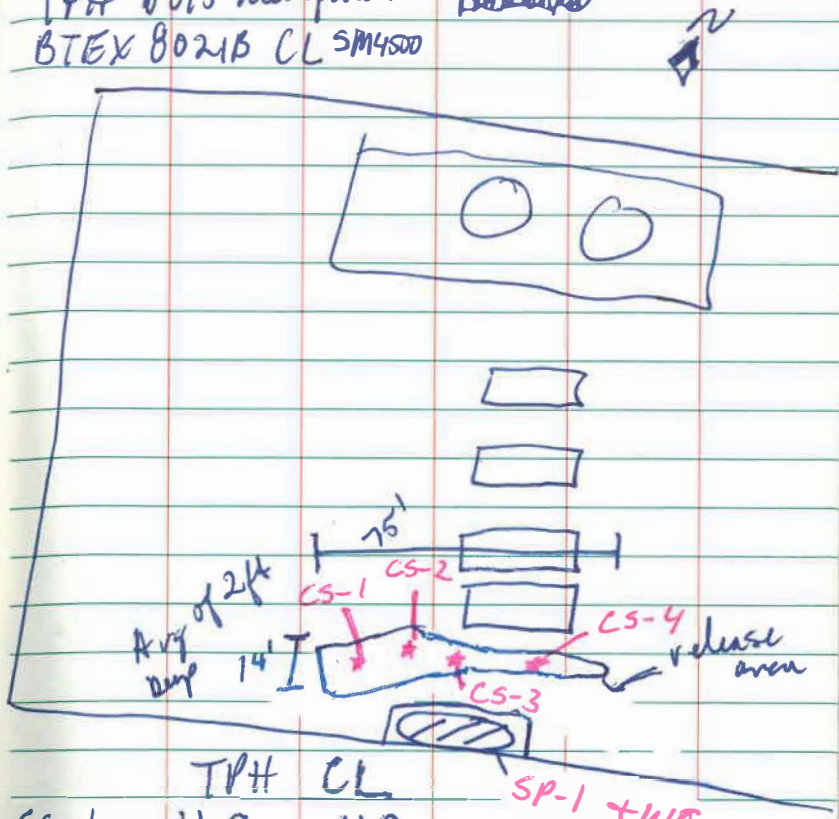
Departure: 1425

WC - RCI TCLP & TCLP Benz, Paint Filter NORM 220628

#2 5/15/20

TPH 8015 modified TPH 8015

BTEX 8021B CL SM4500



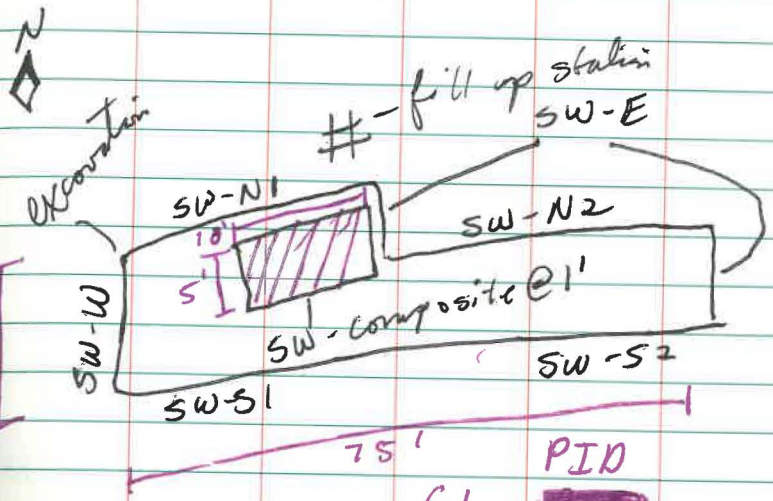
	TPH	CL
CS-1	11.9 ppm	ND
CS-2	43.8 ppm	ND
CS-3	21.5 ppm	ND
CS-4	56.5 ppm	ND
SP-1	649.1 ppm	ND

X

6/11/20 Plains Jal #2 Truck 5.15.20

0945 arrive

collect soil samples
site backfill + haul off



			CL	PID
SW-S1	0905	6"	ND (1.0)	1.3
SW-S2	0909	6"	152 ppm	1.1
SW-E	0912	6"	ND (1.0)	1.6
SW-N1	0913	6"	ND (.2)	1.7
SW-N2	0915	6"	ND (.6)	1.8
SW-W	0920	6"	ND (.4)	1.7
CS-5	0924	2'	ND (.4)	2.6
SW-Comp	0927	1'	ND (.4)	.4

strips