

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

Remediation Plan

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

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

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

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

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

Printed Name: Amber Flores Title: Remediation Coordinator
Signature: Amber Flores Date: 11/20/2019
email: aflores@paatp.com Telephone: 575-200-5517

OCD Only

Received by: Cristina Eads Date: 02/12/2020

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

Signature: Cristina Eads Date: 02/12/2020



12600 WEST CO RD 91
MIDLAND, TX 79707
OFFICE: 432.653.4203

CHARACTERIZATION, REMEDIAL ACTIVITIES REPORT, AND VARIANCE REQUEST

PLAINS PIPELINE, L.P.

JAL STATION TANK 1286 PUMP RELEASE

LEA COUNTY, NM

NMOCD INCIDENT #: 1RP-5730

SRS #: 2019-132

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Appendix C. Laboratory Analytical Reports

Appendix D. Photographic Documentation

December 3, 2019

Ms. Amber Groves

Plains Pipeline, L.P.

577 US HWY 385

Seminole, Texas 79360

Re: **Characterization, Remedial Activities Report, and Variance Request**

Jal Station Tank 1286 Pump Release

Lea County, New Mexico

NMOCD Incident #: 1RP-5730

SRS #: 2019-132

1. Introduction

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

2. Release Description and Response

On October 2, 2019, a crude oil release occurred at the Jal Station Tank #1286 Pump and was attributed to a coupler not replaced during maintenance between a pump and motor causing a

seal failure. Approximately eighty (80) barrels (bbl) of crude oil was released with seventy (70) barrels recovered for a net loss of ten (10) barrels of crude. The release affected an area measuring approximately one hundred eighty (180) feet (ft.) in length by twenty (20) ft. in width with a maximum depth of nine (9) ft below ground surface (bgs).

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

3. NMOCD Regulatory Limits

NMOCD assessment and cleanup levels for hydrocarbon and saltwater 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 P, Section 32, Township 25S, and Range 37E. However, a review of groundwater reports submitted to the NMOCD, indicate that Shell Pipeline Company, LP (Shell) has installed monitor wells in Section 32, Township 25S, and Range 37E with groundwater measured (as of 2012) at depths of 85 feet below ground surface (bgs). 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, with the nearest water body feature being Monument Draw located approximately 5.6 miles east of the site. Meeting the previous criteria, the NMOCD restoration and cleanup levels for soils impacted by hydrocarbons at depths of 50 to 100 feet bgs are as follows:

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

4. Soil Assessment Activities and Sample Analysis

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

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

On November 15, 2019, ten (10) five (5) point composite soil samples (NSW-1 @ 4', NSW-2 @ 5', NSW-3 @ 4', NSW-4 @ 4', SSW-1 @ 4', SSW-2 @ 4', SSW-3 @ 4', SSW-4 @ 4', ESW-1 @ 4' and WSW-1 @ 4') were collected within two hundred (200) feet of each other from the four side walls and submitted for analysis of TPH, BTEX, and chlorides to Cardinal. The analytical results were below the NMOCD standards for all analysis analyzed. See Figure 4 "Wall Soil

Sample Location Map” for wall sample locations and Table 1 for analytical results. With the wall confirmation soil sample analytical results, the site appears to be delineated horizontally.

5. Initial Soil Remediation Efforts

Between October 10 and November 15, 2019, Dean Personnel conducted soil remediation activities along with third party oversight of Copper Head Services at the Jal Station Release site. Remediation commenced utilizing hand excavation of hydrocarbon impacted soils beneath the onsite piping with excavated soils stockpiled on plastic. See Site Photographs in Appendix D. Utilizing a photoionization detector (PID), field personnel continued to hand dig the soils in all four directions until PID readings were below 100 parts per million (ppm). The site was excavated to a depth of five (5) feet bgs at which point a 20-mil polyethylene liner was encountered at the site measuring twenty-five (25) ft by fifty (50) ft. The liner was installed on December 23, 2014, as part of remediation efforts from a previous release at the site from April 14, 2014 (1RP-3188). During the current excavation, the liner was left undisturbed and the soils adjacent and around it were hand excavated. Final dimensions of the excavation were approximately one hundred eighty-five (185) ft. in length, by six (6) ft. to eighteen (18) ft. in width to a depth of four (4) ft. Approximately 365 cubic yards of soil were removed and stockpiled on plastic at the site. The extent of the excavation area including location of encountered liner is presented on Figure 5 “Site Excavation and Proposed Liner Location Map”. An updated C-141 Remediation Plan is attached to report.

6. Proposed Soil Remediation Plan

Based on soil sample analysis and PID readings, the site appears to be delineated both vertically and horizontally. Due to overhead piping at the site, vertical delineation was achieved by utilizing a backhoe and placing a trench approximately three (3) feet north of auger hole RP-1. Plains believes this sample is representative of the area underlying the overhead piping.

Further vertical excavation at the site is not technically feasible due to the overhead piping at the facility. See Figure 3 for piping layout with excavation denoted (excavation extends to a depth of 4 feet bgs). Due to the limited accessibility of the site (i.e. overhead piping), Plains respectfully requests a variance thus allowing the remaining impacted soils to be left in-situ. Plains proposes to install a 20-mil polyethylene liner throughout the entire base of the excavation in order to prevent further leaching of the impacted soils. Dimensions of the liner will follow the base of the excavation as presented in Figure 4. Once the liner is installed, the site will be backfilled with locally sourced non-impacted soils from an off-site source and brought up to grade. Stockpiled

soils will be transported offsite for final disposition at an NMOCD approved facility. Upon completion of the backfilling, a risk-based closure request will be submitted to the NMOCD. It is projected the remediation, liner install, and risk-based closure request will be completed within 90 days of approval from the NMOCD.

If you have any questions, or if additional information is required please feel free to contact Sylwia Reynolds (email: sylwiareynolds@deandigs.com, cell: 432.999.8675) or Jeff Kindley (email: jeffreykindley@deandigs.com, cell: 432.230.0920).

Sincerely,



Sylwia Reynolds

Project Manager



Jeffrey Kindley, PG.

Professional Geologist

TABLE



Chemistry Table
Concentrations of TPH, BTEX and Chlorides in Soil
Plains Pipeline, L.P.
Plains Jal Station Release
SRS # 2019-132

Lea County, New Mexico

| SAMPLE INFORMATION | | | | | TPH METHOD: 8015M | | | | | BTEX METHOD 8021B | | | | | CHLORIDES SM4500 (mg/kg) |
|--------------------|-------------|--------------|---------------|--------|--------------------------|----------------------------|-------------------------------|----------------------------|----------------------|--------------------|--------------------|-------------------------|--------------------|-----------------------|--------------------------------|
| SAMPLE ID | SAMPLE DATE | SAMPLE DEPTH | SAMPLE METHOD | MATRIX | GRO C6-C10 (mg/kg) | DRO >C10-C28 (mg/kg) | GRO + DRO C6-28 (mg/kg) | ORO >C28-C36 (mg/kg) | TOTAL TPH (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | TOTAL BTEX (mg/kg) | |
| ET-1 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| ET-2 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | 0.115 | 0.098 | 0.406 | 0.619 | 16 |
| ET-3 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| ET-4 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| | | | | | | | | | | | | | | | |
| ST-1 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| | | | | | | | | | | | | | | | |
| NT-1 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| | | | | | | | | | | | | | | | |
| WT-1 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | 14,200 | 21,500 | 35,700 | 3,220 | 38,920 | 33.4 | 223 | 75.8 | 332 | 664 | 16 |
| WT-1 @ 4' | 10/02/19 | 4 ft | GRAB | SOIL | 1,540 | 5,150 | 6,690 | 829 | 7,519 | 2.26 | 28.3 | 13 | 57.2 | 100.76 | NA |
| WT-1 @ 6' | 10/02/19 | 6 ft | GRAB | SOIL | 759 | 4,500 | 5,259 | 742 | 6,001 | 0.124 | 3.01 | 3.13 | 8.41 | 14.67 | NA |
| WT-1 @ 8' | 10/02/19 | 8 ft | GRAB | SOIL | 1,260 | 4,200 | 5,460 | 578 | 6,038 | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | | | | | | | |
| WT-2 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 0.093 | 0.250 | 0.055 | <0.150 | 0.547 | 16 |
| | | | | | | | | | | | | | | | |
| WT-3 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| | | | | | | | | | | | | | | | |
| WT-4 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| | | | | | | | | | | | | | | | |
| RP-1 @ 2' | 10/02/19 | 2 ft | GRAB | SOIL | 358 | 4,150 | 4,508 | 1,000 | 5,508 | 0.056 | 0.522 | 2.37 | 5.76 | 8.708 | 16 |



Chemistry Table
Concentrations of TPH, BTEX and Chlorides in Soil
Plains Pipeline, L.P.
Plains Jal Station Release
SRS # 2019-132

Lea County, New Mexico

| SAMPLE INFORMATION | | | | | TPH METHOD: 8015M | | | | | BTEX METHOD 8021B | | | | | CHLORIDES SM4500 (mg/kg) |
|--------------------|-------------|--------------|---------------|--------|--------------------------|----------------------------|-------------------------------|----------------------------|----------------------|--------------------|--------------------|-------------------------|--------------------|-----------------------|--------------------------------|
| SAMPLE ID | SAMPLE DATE | SAMPLE DEPTH | SAMPLE METHOD | MATRIX | GRO C6-C10 (mg/kg) | DRO >C10-C28 (mg/kg) | GRO + DRO C6-28 (mg/kg) | ORO >C28-C36 (mg/kg) | TOTAL TPH (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | TOTAL BTEX (mg/kg) | |
| RP-1 @ 4' | 10/02/19 | 4 ft | GRAB | SOIL | 15 | 832 | 847 | 389 | 1,236 | NA | NA | NA | NA | NA | NA |
| RP-1 @ 6' | 10/02/19 | 6 ft | GRAB | SOIL | 14 | 1,420 | 1,434 | 720 | 2,154 | NA | NA | NA | NA | NA | NA |
| RP-1 @ 8' | 10/02/19 | 8 ft | GRAB | SOIL | 82.1 | 5,150 | 5,232.1 | 2,410 | 7,642.1 | NA | NA | NA | NA | NA | NA |
| RP-1 @ 9' | 10/30/19 | 9 ft | GRAB | SOIL | <10.0 | 185 | 185 | 37 | 222 | NA | NA | NA | NA | NA | NA |
| NSW-1 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | 10.1 | 10.1 | <10.0 | 10.1 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| NSW-2 @ 5' | 11/18/19 | 5 ft | GRAB | SOIL | <10.0 | 33.6 | 33.6 | <10.0 | 33.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32 |
| NSW-3 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16 |
| NSW-4 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16 |
| SSW-1 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | 11.3 | 11.3 | <10.0 | 11.3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16 |
| SSW-2 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16 |
| SSW-3 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16 |
| SSW-4 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16 |



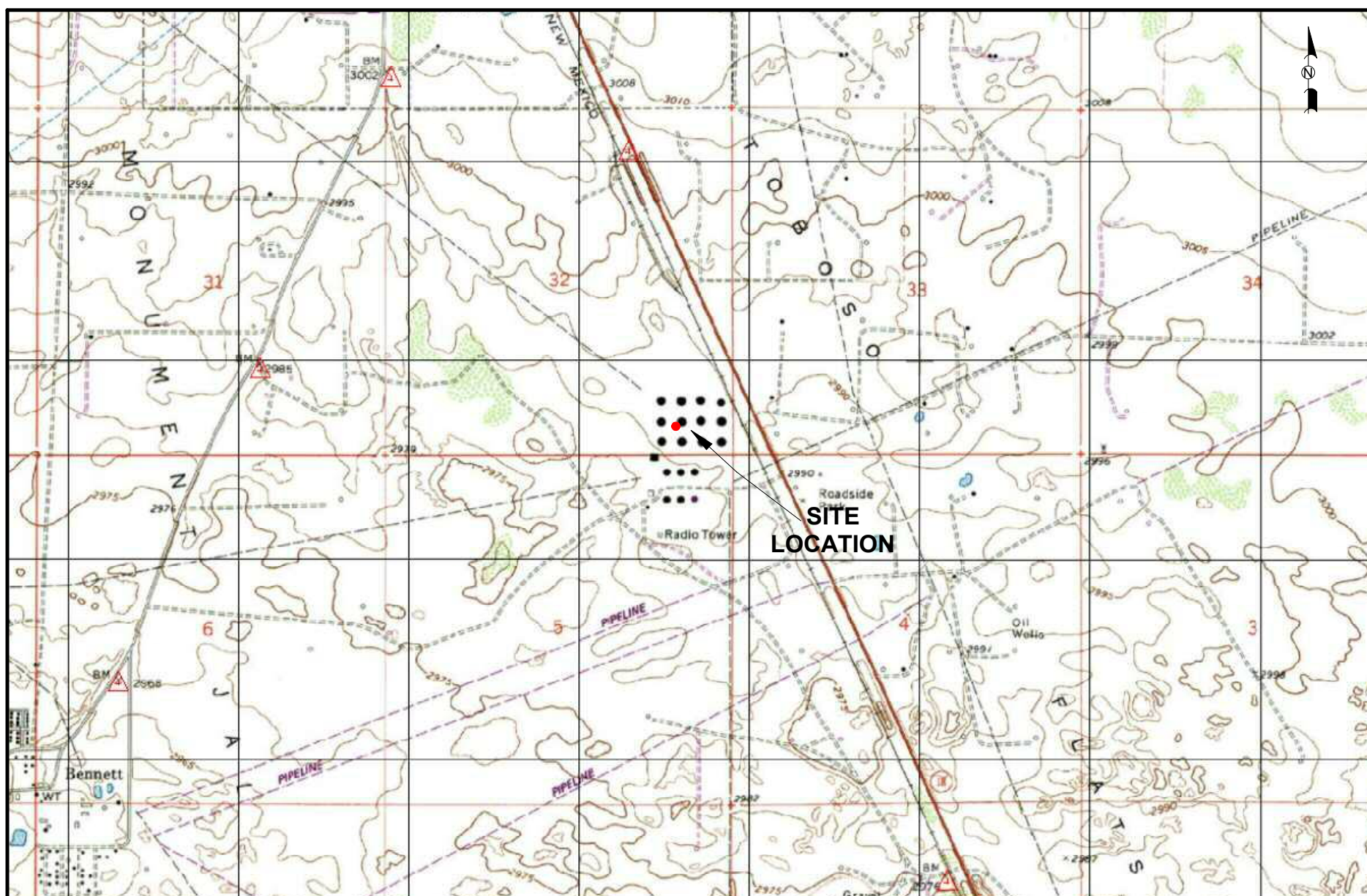
Chemistry Table
Concentrations of TPH, BTEX and Chlorides in Soil
Plains Pipeline, L.P.
Plains Jal Station Release
SRS # 2019-132

Lea County, New Mexico




| SAMPLE INFORMATION | | | | | TPH METHOD: 8015M | | | | | BTEX METHOD 8021B | | | | | CHLORIDES SM4500 (mg/kg) |
|----------------------------------|-------------|--------------|---------------|--------|--------------------------|----------------------------|-------------------------------|----------------------------|----------------------|--------------------|--------------------|-------------------------|--------------------|-----------------------|--------------------------------|
| SAMPLE ID | SAMPLE DATE | SAMPLE DEPTH | SAMPLE METHOD | MATRIX | GRO C6-C10 (mg/kg) | DRO >C10-C28 (mg/kg) | GRO + DRO C6-28 (mg/kg) | ORO >C28-C36 (mg/kg) | TOTAL TPH (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | TOTAL BTEX (mg/kg) | |
| ESW-1 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16 |
| WSW-1 @ 4' | 11/18/19 | 4 ft | GRAB | SOIL | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16 |
| NMOCD Closure Criteria for Soils | | | | | NA | NA | 1,000 | NA | 2,500 | 10 | NA | NA | NA | 50 | 10,000 |

Soil excavated and place in stockpiled.

FIGURES



LEGEND:

-  Surface Water
-  Native Grassland
-  Tanks


2000 1000 0 1000 2000

 Distance in Feet

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

Scale: 1" = 2000'

CAD By: NPC

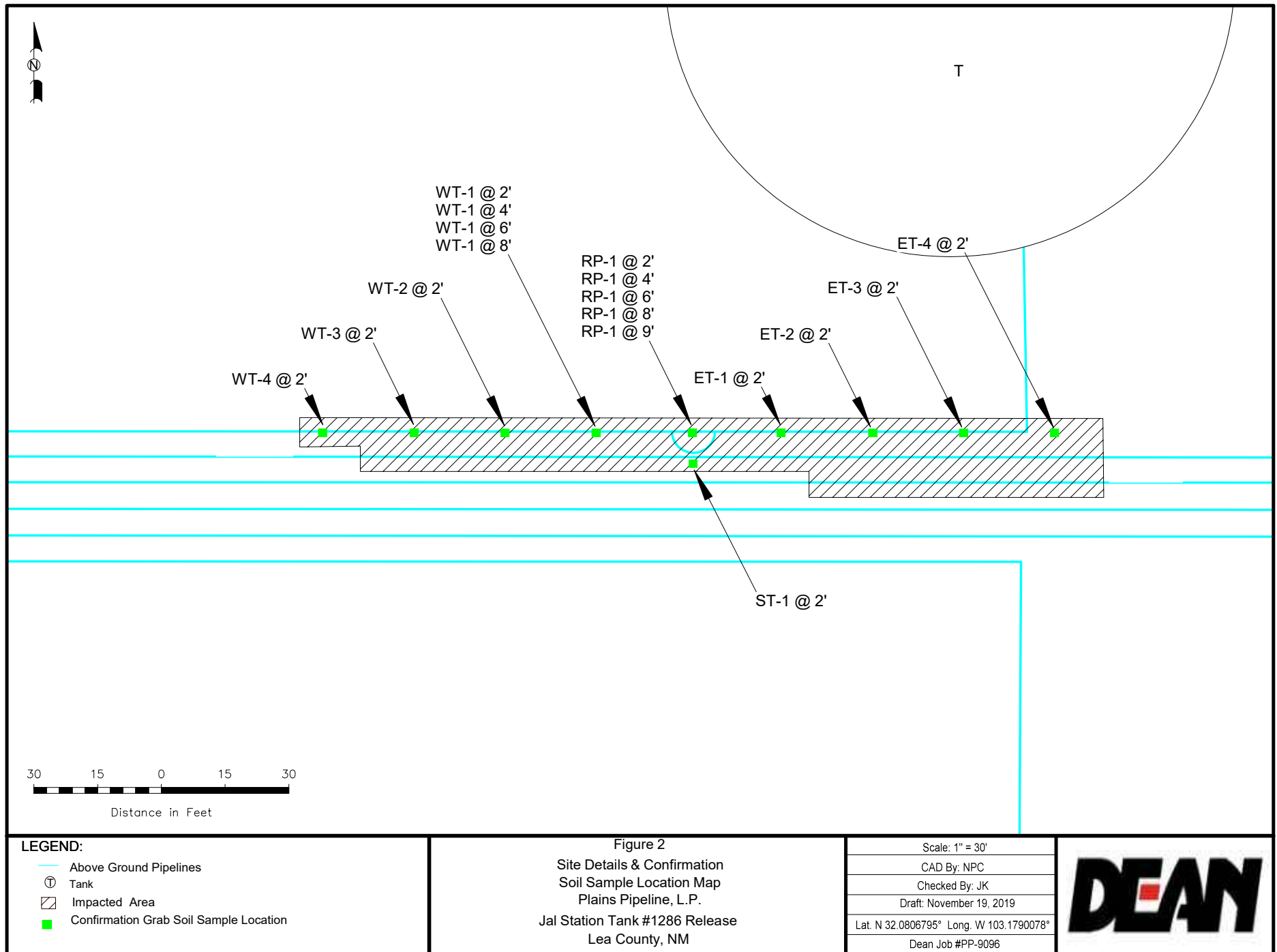
Checked By: JK

Draft: November 19, 2019

Lat. N 32.0806795° Long. W 103.1790078°

Dean Job #PP-9096





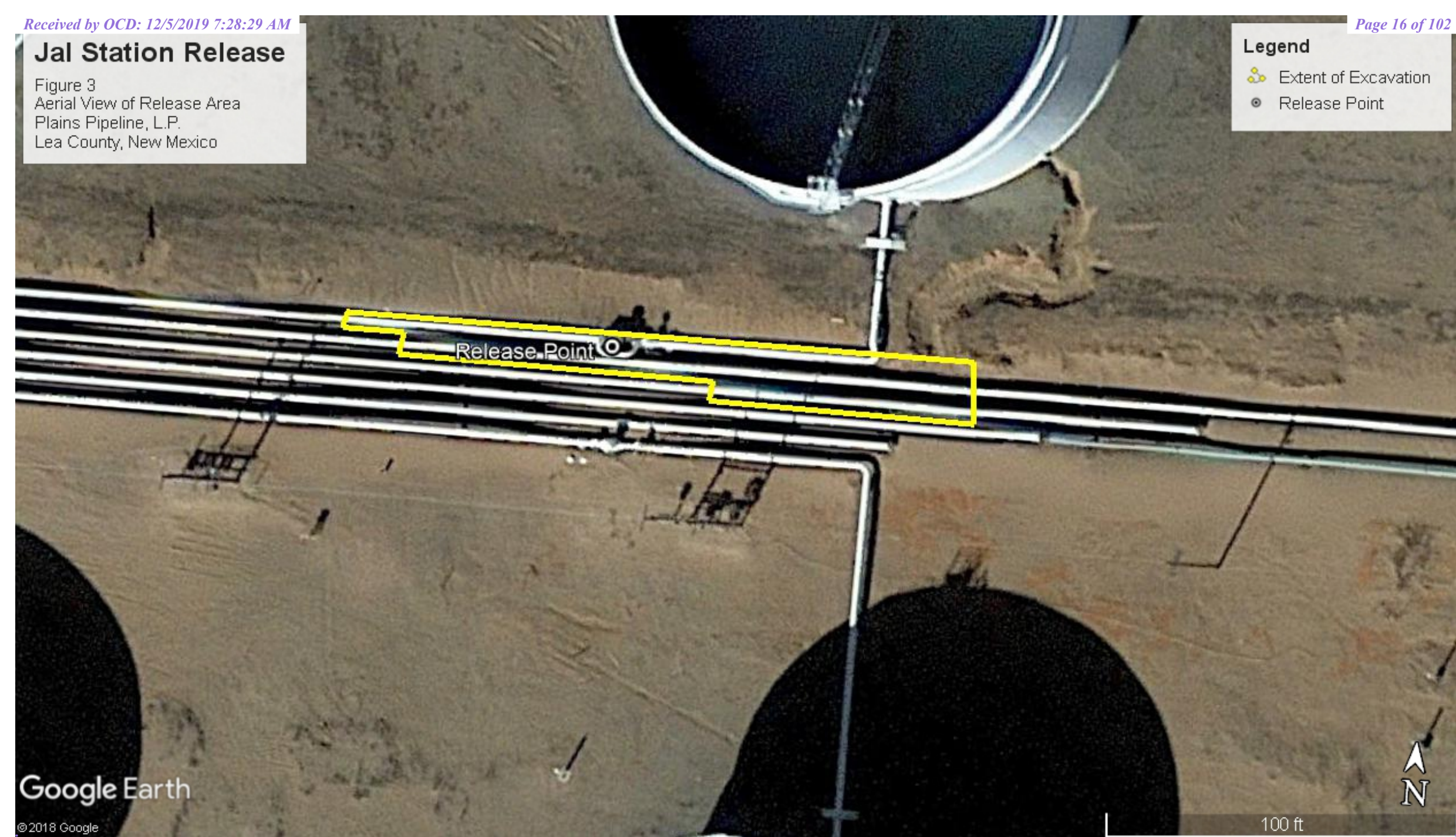


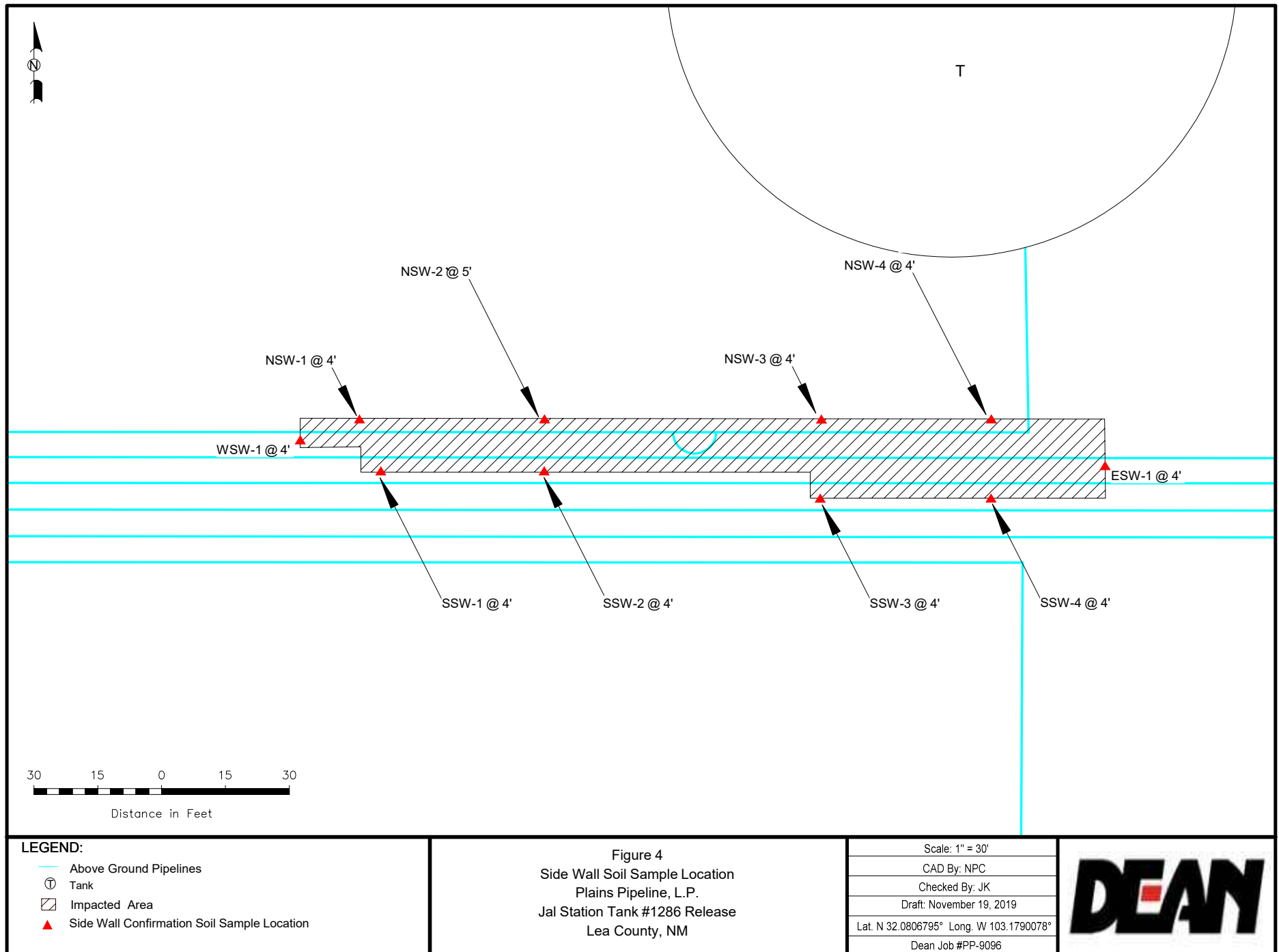
Jal Station Release

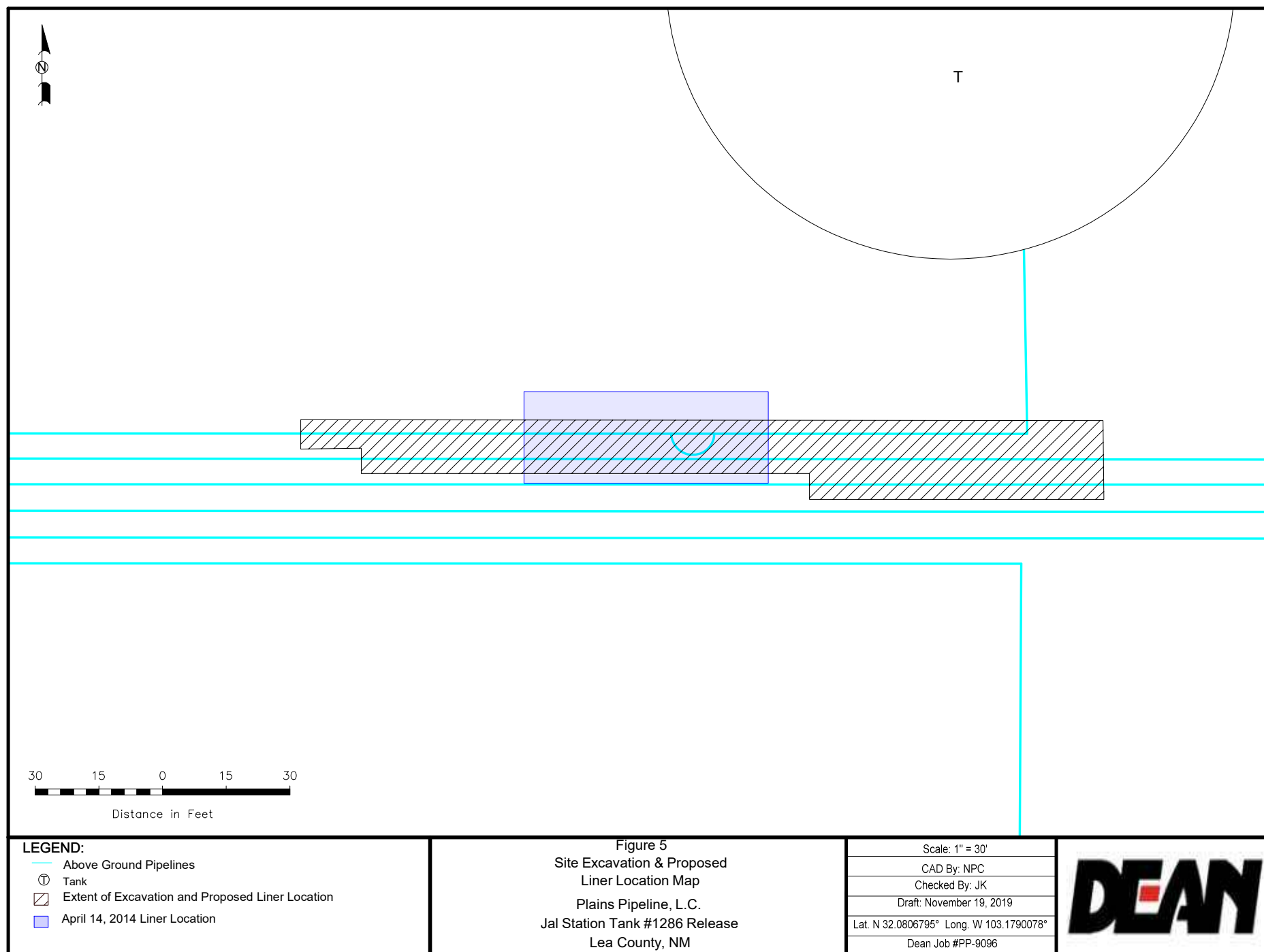
Figure 3
Aerial View of Release Area
Plains Pipeline, L.P.
Lea County, New Mexico

Legend

-  Extent of Excavation
-  Release Point







APPENDIX A
NMOCD C-141 FORM

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

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.0806795

Longitude -103.1790078

(NAD 83 in decimal degrees to 5 decimal places)

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

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

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

Nature and Volume of Release

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

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

Cause of Release

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

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

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

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

Initial Response

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

| |
|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. |
| If all the actions described above have <u>not</u> been undertaken, explain why: |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |
| Printed Name: <u>Amber Groves</u> Title: <u>Remediation Coordinator</u> Signature: <u>Amber Groves</u> Date: <u>10/3/2019</u> email: <u>algroves@pdaup.com</u> Telephone: <u>505-200-5517</u> |
| <u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>10/4/2019</u> |

APPENDIX B
SHELL OIL COMPANY GROUNDWATER GAUGING DATA
FOR SITE

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jai Station Diesel Remediation

Jai, NM

MW-01

| 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 | 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 |
| 3/1/1999 | 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 |
| 6/28/2002 | 2992.30 | 2994.62 | TOC | 85.00 | 94.50 | 92.08 | | | | 2902.54 |
| 8/25/2002 | 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 |

Monday, September 10, 2012

Page 1 of 34

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 |
| 7/14/2008 | 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 | 2904.08 |
| 3/24/1999 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 92.13 | 84.26 | 7.87 | 0.830 | 2903.83 |
| 3/31/1999 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 91.86 | 83.83 | 8.03 | 0.830 | 2904.23 |
| 4/2/1999 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 92.11 | 84.02 | 8.09 | 0.830 | 2904.03 |
| 4/7/1999 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 92.18 | 83.81 | 8.37 | 0.830 | 2904.20 |

Monday, September 10, 2012

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 | 2900.36 |
| 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 | 87.51 | | 0.830 | 2901.82 |
| 7/4/2008 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 87.57 | 87.57 | | 0.830 | 2901.86 |
| 7/24/2008 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 87.77 | 87.77 | | 0.830 | 2901.66 |
| 8/26/2008 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 87.32 | 87.31 | 0.01 | 0.830 | 2902.12 |
| 12/8/2008 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 87.30 | 87.28 | 0.02 | 0.830 | 2902.15 |
| 3/14/2009 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 87.40 | 87.37 | 0.03 | 0.830 | 2902.05 |
| 6/29/2009 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 87.55 | 87.53 | 0.02 | 0.830 | 2901.90 |
| 9/17/2009 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 87.94 | 87.92 | 0.02 | 0.830 | 2901.51 |
| 12/20/2009 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 88.05 | 88.03 | 0.02 | 0.830 | 2901.40 |
| 2/22/2010 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 88.17 | 88.16 | 0.01 | 0.830 | 2901.27 |
| 6/28/2010 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 88.43 | 88.43 | | 0.830 | 2901.00 |
| 10/23/2010 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 88.72 | 88.72 | | 0.830 | 2900.71 |
| 3/18/2011 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 89.25 | 89.00 | 0.25 | 0.830 | 2900.39 |
| 6/18/2011 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 89.28 | 89.10 | 0.18 | 0.830 | 2900.30 |
| 12/31/2011 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 89.59 | 89.40 | 0.19 | 0.830 | 2900.00 |
| 3/31/2012 | 2987.02 | 2989.43 | TOC | 82.00 | 101.50 | 89.87 | 89.57 | 0.30 | 0.830 | 2899.81 |

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-03

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | Depth to GW | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|-------------|-----------------|-------------------|--------------------|
| 2/4/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 84.52 | 8.03 | 2904.93 |
| 2/22/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 84.53 | 8.00 | 2904.92 |
| 3/11/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 84.64 | 7.85 | 2904.84 |
| 3/24/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 84.68 | 7.87 | 2904.89 |
| 3/31/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 84.71 | 7.71 | 2904.79 |
| 4/2/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 84.74 | 7.71 | 2904.76 |
| 7/15/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 87.34 | 7.86 | 2902.13 |
| 8/7/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 84.89 | 7.55 | 2904.64 |
| 8/14/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 85.02 | 7.48 | 2904.52 |
| 8/22/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 88.60 | 6.65 | 2901.08 |
| 9/1/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 85.05 | 7.45 | 2904.49 |
| 9/11/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 85.31 | 87.86 | 2901.68 |
| 9/16/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 84.92 | 7.43 | 2904.63 |
| 9/25/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 85.20 | 7.25 | 2904.38 |
| 10/2/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 85.95 | 6.40 | 2903.77 |
| 10/9/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 84.93 | 7.30 | 2901.94 |
| 10/15/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 87.75 | 7.35 | 2901.81 |
| 10/21/1999 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 85.05 | 7.30 | 2904.52 |
| 10/26/1999 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 85.10 | 7.25 | 2904.48 |
| 8/2/2000 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 84.83 | 7.67 | 2904.68 |
| 11/24/2000 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 87.10 | 5.21 | 2902.82 |
| 2/14/2001 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 88.82 | 0.02 | 2902.01 |
| 3/16/2001 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 96.90 | 5.80 | 2898.72 |
| 4/19/2001 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 96.40 | 5.40 | 2898.89 |
| 5/23/2001 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 93.70 | 5.60 | 2901.76 |
| 9/29/2001 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 88.45 | 5.75 | 2901.38 |
| 12/20/2001 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 97.20 | 5.85 | 2898.47 |
| 6/26/2002 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 93.75 | 4.65 | 2900.92 |
| 12/28/2002 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 89.32 | 0.02 | 2901.51 |
| 9/22/2003 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 90.30 | 0.05 | 2900.55 |
| 12/22/2003 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 89.20 | 0.05 | 2901.65 |
| 6/26/2004 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 90.48 | 0.02 | 2900.33 |
| 6/9/2005 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 89.20 | | 2901.61 |
| 9/8/2005 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 89.95 | 0.25 | 2900.82 |
| 9/27/2005 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 89.80 | 0.20 | 2900.98 |
| 10/2/2005 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 89.95 | 0.15 | 2900.98 |
| 10/14/2005 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 88.82 | 0.16 | 2900.96 |
| 10/17/2005 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 89.83 | 0.13 | 2900.99 |
| 10/24/2005 | 2987.91 | 2990.81 | TOC | Top | 85.00 | 89.82 | 0.13 | 2900.97 |
| 12/2/2005 | 2987.91 | 2990.81 | TOC | Bottom | 100.00 | 89.90 | 0.15 | 2901.03 |

Monday, September 10, 2012

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-03

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 1/10/2006 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 90.10 | 90.05 | 0.05 | 0.830 | 2900.75 |
| 3/3/2006 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 89.74 | | | | 2901.07 |
| 9/8/2006 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 90.10 | | | | 2900.71 |
| 2/26/2008 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.90 | | | | 2901.91 |
| 6/16/2008 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.35 | | | | 2902.46 |
| 7/4/2008 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.45 | | | | 2902.36 |
| 7/24/2008 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.41 | 88.41 | | 0.830 | 2902.40 |
| 8/26/2008 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.40 | 88.40 | | 0.830 | 2902.41 |
| 12/8/2008 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.34 | 88.34 | | 0.830 | 2902.47 |
| 3/14/2009 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.36 | 88.36 | | 0.830 | 2902.45 |
| 6/29/2009 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 88.62 | 88.62 | | 0.830 | 2902.19 |
| 9/16/2009 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 89.00 | 89.00 | | 0.830 | 2901.81 |
| 12/20/2009 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 89.10 | | | | 2901.71 |
| 2/21/2010 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 89.29 | 89.29 | | 0.830 | 2901.52 |
| 6/28/2010 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 89.51 | | | | 2901.30 |
| 10/23/2010 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 89.85 | 89.84 | 0.01 | 0.830 | 2900.97 |
| 1/19/2011 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 89.91 | | | | 2900.90 |
| 3/18/2011 | 2987.91 | 2990.81 | TOC | 85.00 | 100.00 | 90.12 | | | | 2800.89 |
| 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 |

Monday, September 10, 2012

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 Bottom | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-------------------------------|-------------|----------------|-----------------|-------------------|--------------------|
| 7/25/1999 | 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 | 0.90 | 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 | 88.28 | 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 | 2898.33 |
| 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 | 2898.68 |
| 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 |
| 12/22/2003 | 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 | 0.00 | 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 | 0.00 | 0.830 | 2901.01 |
| 10/2/2005 | 2988.22 | 2991.16 | TOC | 77.00 97.00 | 90.05 | 90.05 | 0.00 | 0.830 | 2901.11 |
| 10/14/2005 | 2988.22 | 2991.16 | TOC | 77.00 97.00 | 90.08 | 90.08 | 0.00 | 0.830 | 2901.08 |

Monday, September 10, 2012

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-04

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

MW-05

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

Monday, September 10, 2012

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-05

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

Monday, September 10, 2012

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 | | | | 2902.88 |
| 7/24/2008 | 2988.47 | 2991.38 | TOC | 80.00 | 95.00 | 88.70 | | | | 2902.88 |
| 8/25/2008 | 2988.47 | 2991.38 | TOC | 80.00 | 95.00 | 88.70 | | | | 2902.88 |
| 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 |
| 10/2/2000 | 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 |

Monday, September 10, 2012

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. |
|-------------|----------------------|---------------|------------|-----------------|-------------|----------------|-----------------|-------------------|--------------------|
| 2/14/2001 | 2987.40 | 2990.17 | TOC | 80.00 | 89.83 | 89.73 | 0.10 | 0.830 | 2900.42 |
| 3/16/2001 | 2987.40 | 2990.17 | TOC | 80.00 | 92.60 | 92.50 | 0.10 | 0.830 | 2897.65 |
| 4/19/2001 | 2987.40 | 2990.17 | TOC | 80.00 | 92.55 | 92.45 | 0.10 | 0.830 | 2897.70 |
| 5/23/2001 | 2987.40 | 2990.17 | TOC | 80.00 | 89.83 | 89.78 | 0.05 | 0.830 | 2900.38 |
| 9/29/2001 | 2987.40 | 2990.17 | TOC | 80.00 | 89.73 | | | | 2900.44 |
| 12/20/2001 | 2987.40 | 2990.17 | TOC | 80.00 | 92.15 | 92.10 | 0.05 | 0.830 | 2898.06 |
| 3/27/2002 | 2987.40 | 2990.17 | TOC | 80.00 | 89.53 | 89.51 | 0.02 | 0.830 | 2900.66 |
| 6/26/2002 | 2987.40 | 2990.17 | TOC | 80.00 | 89.78 | 89.73 | 0.05 | 0.830 | 2900.43 |
| 12/28/2002 | 2987.40 | 2990.17 | TOC | 80.00 | 89.65 | 89.63 | 0.02 | 0.830 | 2900.54 |
| 9/22/2003 | 2987.40 | 2990.17 | TOC | 80.00 | 91.43 | 89.33 | 3.10 | 0.830 | 2901.31 |
| 12/22/2003 | 2987.40 | 2990.17 | TOC | 80.00 | 89.28 | 89.23 | 0.05 | 0.830 | 2900.93 |
| 3/17/2004 | 2987.40 | 2990.17 | TOC | 80.00 | 91.63 | 88.73 | 2.90 | 0.830 | 2900.95 |
| 6/26/2004 | 2987.40 | 2990.17 | TOC | 80.00 | 90.38 | 90.35 | 0.03 | 0.830 | 2899.81 |
| 12/19/2004 | 2987.40 | 2990.17 | TOC | 80.00 | 92.20 | 91.28 | 0.92 | 0.830 | 2898.73 |
| 1/25/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 91.05 | 90.95 | 0.10 | 0.830 | 2899.20 |
| 1/26/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 91.07 | 90.97 | 0.10 | 0.830 | 2899.18 |
| 2/7/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 91.00 | 90.85 | 0.15 | 0.830 | 2899.29 |
| 2/16/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 90.95 | 91.10 | | 0.830 | 2899.22 |
| 3/16/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 90.60 | 90.51 | 0.09 | 0.830 | 2899.64 |
| 5/11/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 90.24 | 90.22 | 0.02 | 0.830 | 2899.95 |
| 6/9/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 90.25 | 90.25 | | 0.830 | 2899.92 |
| 6/26/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 90.21 | 90.20 | 0.01 | 0.830 | 2899.97 |
| 9/27/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 89.85 | 89.70 | 0.15 | 0.830 | 2900.44 |
| 10/2/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 89.80 | 89.65 | 0.15 | 0.830 | 2900.49 |
| 10/14/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 89.60 | | | | 2900.57 |
| 10/17/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 89.73 | 89.59 | 0.14 | 0.830 | 2900.56 |
| 10/24/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 89.77 | 89.60 | 0.17 | 0.830 | 2900.54 |
| 12/2/2005 | 2987.40 | 2990.17 | TOC | 80.00 | 89.60 | 89.50 | 0.10 | 0.830 | 2900.65 |
| 3/3/2006 | 2987.40 | 2990.17 | TOC | 80.00 | 89.70 | 89.68 | 0.02 | 0.830 | 2900.49 |
| 4/12/2006 | 2987.40 | 2990.17 | TOC | 80.00 | 89.78 | | | | 2900.39 |
| 5/30/2006 | 2987.40 | 2990.17 | TOC | 80.00 | 89.60 | | | | 2900.57 |
| 6/7/2006 | 2987.40 | 2990.17 | TOC | 80.00 | 89.62 | | | | 2900.55 |
| 9/8/2006 | 2987.40 | 2990.17 | TOC | 80.00 | 89.85 | | | | 2900.32 |
| 6/17/2008 | 2987.40 | 2990.17 | TOC | 80.00 | 88.30 | | | | 2901.87 |
| 7/4/2008 | 2987.40 | 2990.17 | TOC | 80.00 | 88.25 | 88.25 | | 0.830 | 2901.92 |
| 7/24/2008 | 2987.40 | 2990.17 | TOC | 80.00 | 88.18 | 88.18 | | 0.830 | 2901.99 |
| 8/26/2008 | 2987.40 | 2990.17 | TOC | 80.00 | 88.07 | 88.07 | | 0.830 | 2902.10 |
| 12/8/2008 | 2987.40 | 2990.17 | TOC | 80.00 | 88.07 | 88.07 | | 0.830 | 2902.10 |
| 3/14/2009 | 2987.40 | 2990.17 | TOC | 80.00 | 88.18 | 88.18 | | 0.830 | 2901.99 |
| 6/29/2009 | 2987.40 | 2990.17 | TOC | 80.00 | 88.32 | 88.32 | | 0.830 | 2901.85 |
| 9/16/2009 | 2987.40 | 2990.17 | TOC | 80.00 | 88.67 | 88.67 | | 0.830 | 2901.50 |

Monday, September 10, 2012

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 | 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 | 0.03 | 0.830 | 2900.99 |
| 10/23/2010 | 2987.40 | 2990.17 | TOC | 80.00 | 95.00 | 89.54 | 0.07 | 0.830 | 2900.62 |
| 1/19/2011 | 2987.40 | 2990.17 | TOC | 80.00 | 95.00 | 89.50 | 0.02 | 0.830 | 2900.69 |
| 3/18/2011 | 2987.40 | 2990.17 | TOC | 80.00 | 95.00 | 89.69 | 0.03 | 0.830 | 2900.50 |
| 6/18/2011 | 2987.40 | 2990.17 | TOC | 80.00 | 95.00 | 89.85 | 0.04 | 0.830 | 2900.35 |
| 12/31/2011 | 2987.40 | 2990.17 | TOC | 80.00 | 95.00 | 90.17 | 0.10 | 0.830 | 2900.08 |
| 3/31/2012 | 2987.40 | 2990.17 | TOC | 80.00 | 95.00 | 90.42 | 0.16 | 0.830 | 2899.88 |

MW-07

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | 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 | 2988.47 | 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 | 0.18 | 0.830 | 2905.26 |
| 5/10/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 84.58 | 0.34 | 0.830 | 2905.17 |
| 5/18/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 84.88 | 0.57 | 0.830 | 2905.06 |
| 5/24/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 84.89 | 0.60 | 0.830 | 2905.08 |
| 6/1/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 84.77 | 0.52 | 0.830 | 2905.13 |
| 6/8/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 84.99 | 0.70 | 0.830 | 2905.06 |
| 6/14/1999 | 2986.31 | 2988.47 | TOC | 80.00 | 95.00 | 84.31 | 0.88 | 0.830 | 2905.89 |
| 6/22/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 84.27 | 0.92 | 0.830 | 2905.96 |
| 7/2/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 85.32 | 1.08 | 0.830 | 2905.05 |
| 7/6/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 85.49 | 1.15 | 0.830 | 2904.93 |
| 7/13/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 85.72 | 1.38 | 0.830 | 2904.90 |
| 7/20/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 85.87 | 1.59 | 0.830 | 2904.92 |
| 7/26/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 86.14 | 1.85 | 0.830 | 2904.87 |
| 8/7/1999 | 2986.31 | 2988.47 | TOC | 80.00 | 95.00 | 86.54 | 2.18 | 0.830 | 2904.74 |
| 8/14/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 86.94 | 2.63 | 0.830 | 2904.71 |
| 8/22/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 87.49 | 3.30 | 0.830 | 2904.72 |
| 9/1/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 87.74 | 3.63 | 0.830 | 2904.74 |
| 9/11/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 88.14 | 4.10 | 0.830 | 2904.73 |
| 9/16/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 88.24 | 4.25 | 0.830 | 2904.76 |
| 9/25/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 88.34 | 2.53 | 0.830 | 2903.23 |
| 10/2/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 88.49 | 4.65 | 0.830 | 2904.84 |
| 10/9/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 88.64 | 4.80 | 0.830 | 2904.81 |
| 10/15/1999 | 2986.31 | 2989.47 | TOC | 80.00 | 95.00 | 88.69 | 4.90 | 0.830 | 2904.85 |

Monday, September 10, 2012

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-08

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 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 | 88.14 | 85.94 | 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 | 89.78 | 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 |

Monday, September 10, 2012

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-08

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|-------------|----------------|-----------------|-------------------|--------------------|
| 9/29/2001 | 2987.97 | 2990.73 | TOC | 95.00 | 93.09 | 87.09 | 6.00 | 0.830 | 2902.62 |
| 12/20/2001 | 2987.97 | 2990.73 | TOC | 95.00 | 95.75 | 89.95 | 5.80 | 0.830 | 2899.79 |
| 3/27/2002 | 2987.97 | 2990.73 | TOC | 95.00 | 92.84 | 87.34 | 5.50 | 0.830 | 2902.46 |
| 6/26/2002 | 2987.97 | 2990.73 | TOC | 95.00 | 92.79 | 87.44 | 5.35 | 0.830 | 2902.38 |
| 9/25/2002 | 2987.97 | 2990.73 | TOC | 95.00 | 93.84 | 87.99 | 5.85 | 0.830 | 2901.75 |
| 12/28/2002 | 2987.97 | 2990.73 | TOC | 95.00 | 92.79 | 88.44 | 4.35 | 0.830 | 2901.55 |
| 3/22/2003 | 2987.97 | 2990.73 | TOC | 95.00 | 92.59 | 88.84 | 3.75 | 0.830 | 2901.25 |
| 6/18/2003 | 2987.97 | 2990.73 | TOC | 95.00 | 90.99 | 89.09 | 1.90 | 0.830 | 2901.32 |
| 9/22/2003 | 2987.97 | 2990.73 | TOC | 95.00 | 91.44 | 89.04 | 2.40 | 0.830 | 2901.28 |
| 12/22/2003 | 2987.97 | 2990.73 | TOC | 95.00 | 92.79 | 89.14 | 3.65 | 0.830 | 2900.97 |
| 6/26/2004 | 2987.97 | 2990.73 | TOC | 95.00 | 90.66 | 90.64 | 0.02 | 0.830 | 2900.09 |
| 12/19/2004 | 2987.97 | 2990.73 | TOC | 95.00 | 91.92 | 91.80 | 0.12 | 0.830 | 2898.91 |
| 1/19/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 91.60 | 91.59 | 0.01 | 0.830 | 2899.14 |
| 1/25/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 91.36 | 91.35 | 0.01 | 0.830 | 2898.38 |
| 1/26/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 91.40 | 91.39 | 0.01 | 0.830 | 2899.34 |
| 2/7/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 91.21 | 91.20 | 0.01 | 0.830 | 2899.53 |
| 2/16/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 91.21 | 91.20 | 0.01 | 0.830 | 2898.53 |
| 3/16/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.95 | 90.94 | 0.01 | 0.830 | 2898.79 |
| 5/11/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.66 | 90.65 | 0.01 | 0.830 | 2900.08 |
| 6/9/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.50 | 90.50 | | 0.830 | 2900.23 |
| 6/26/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.66 | 90.65 | 0.01 | 0.830 | 2900.08 |
| 9/8/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.21 | 90.20 | 0.01 | 0.830 | 2900.53 |
| 9/27/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.05 | 90.05 | | 0.830 | 2900.68 |
| 10/2/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.05 | 90.05 | | | 2900.68 |
| 10/14/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.10 | | | | 2900.63 |
| 10/17/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.05 | | | | 2900.68 |
| 10/24/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 90.10 | | | | 2900.63 |
| 12/2/2005 | 2987.97 | 2990.73 | TOC | 95.00 | 89.00 | | | | 2901.73 |
| 1/10/2006 | 2987.97 | 2990.73 | TOC | 95.00 | 90.28 | | | | 2900.45 |
| 3/3/2006 | 2987.97 | 2990.73 | TOC | 95.00 | 90.19 | | | | 2900.54 |
| 6/17/2008 | 2987.97 | 2990.73 | TOC | 95.00 | 88.85 | 88.85 | | 0.830 | 2901.88 |
| 7/14/2008 | 2987.97 | 2990.73 | TOC | 95.00 | 88.80 | 86.75 | 0.05 | 0.830 | 2901.97 |
| 7/24/2008 | 2987.97 | 2990.73 | TOC | 95.00 | 88.80 | 88.78 | 0.02 | 0.830 | 2901.95 |
| 8/26/2008 | 2987.97 | 2990.73 | TOC | 95.00 | 88.59 | 88.56 | 0.03 | 0.830 | 2902.16 |
| 12/8/2008 | 2987.97 | 2990.73 | TOC | 95.00 | 88.56 | 88.55 | 0.01 | 0.830 | 2902.18 |
| 3/14/2009 | 2987.97 | 2990.73 | TOC | 95.00 | 88.65 | 88.65 | | 0.830 | 2902.08 |
| 6/29/2009 | 2987.97 | 2990.73 | TOC | 95.00 | 88.81 | 88.81 | | 0.830 | 2901.92 |
| 9/17/2009 | 2987.97 | 2990.73 | TOC | 95.00 | 89.18 | | | | 2901.55 |
| 12/20/2009 | 2987.97 | 2990.73 | TOC | 95.00 | 89.32 | 89.32 | | 0.830 | 2901.41 |
| 2/22/2010 | 2987.97 | 2990.73 | TOC | 95.00 | 89.61 | 89.53 | 0.08 | 0.830 | 2901.19 |
| 6/28/2010 | 2987.97 | 2990.73 | TOC | 95.00 | 89.67 | 89.67 | | 0.830 | 2901.06 |

Monday, September 10, 2012

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-08

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

MW-09

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 2/4/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 86.06 | 85.48 | 0.58 | 0.830 | 2904.73 |
| 2/22/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.60 | 84.46 | 4.14 | 0.830 | 2905.15 |
| 3/11/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 91.48 | 84.77 | 6.71 | 0.830 | 2904.40 |
| 3/24/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 91.43 | 84.78 | 6.65 | 0.830 | 2904.40 |
| 3/31/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 91.40 | 84.72 | 6.68 | 0.830 | 2904.45 |
| 4/2/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 91.52 | 84.84 | 6.68 | 0.830 | 2904.33 |
| 4/7/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 91.58 | 84.87 | 6.71 | 0.830 | 2904.30 |
| 7/15/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 91.13 | 85.11 | 6.02 | 0.830 | 2904.18 |
| 10/26/1999 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 90.63 | 85.43 | 5.20 | 0.830 | 2904.00 |
| 8/2/2000 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 92.73 | 85.56 | 7.17 | 0.830 | 2903.53 |
| 11/24/2000 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 92.63 | 86.08 | 6.55 | 0.830 | 2903.12 |
| 2/14/2001 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 93.58 | 86.38 | 7.20 | 0.830 | 2902.71 |
| 5/23/2001 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 93.08 | 86.03 | 7.05 | 0.830 | 2903.08 |
| 9/29/2001 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 93.73 | 86.63 | 7.10 | 0.830 | 2902.47 |
| 12/20/2001 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 91.05 | 90.85 | 0.20 | 0.830 | 2899.43 |
| 3/27/2002 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 87.98 | 87.93 | 0.05 | 0.830 | 2902.37 |
| 6/26/2002 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.73 | 87.68 | 1.05 | 0.830 | 2902.45 |
| 12/28/2002 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 87.93 | 87.90 | 0.03 | 0.830 | 2902.41 |
| 8/22/2003 | 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 | 88.23 | 88.08 | 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 |
| 6/28/2005 | 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 |
| 10/12/2005 | 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 | 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 | 88.95 | 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 |

Monday, September 10, 2012

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-09

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| 3/3/2006 | 2987.39 | 2990.31 | TOC | Top | Bottom | 90.25 | 90.15 | 0.10 | 0.830 | 2900.14 |
| 4/12/2006 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 90.45 | 90.36 | 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 |
| 7/14/2008 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.65 | 88.65 | | 0.830 | 2901.66 |
| 7/24/2008 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.57 | 88.57 | | 0.830 | 2901.74 |
| 8/26/2008 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.48 | 88.48 | | 0.830 | 2901.83 |
| 12/8/2008 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.50 | 88.50 | | 0.830 | 2901.81 |
| 3/14/2009 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.53 | 88.53 | | 0.830 | 2901.78 |
| 6/29/2009 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 88.67 | 88.67 | | 0.830 | 2901.64 |
| 9/16/2009 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 89.00 | | | | 2901.31 |
| 12/20/2009 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 89.16 | 89.16 | | 0.830 | 2901.15 |
| 2/22/2010 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 89.21 | | | | 2901.10 |
| 6/28/2010 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 89.50 | 89.50 | | 0.830 | 2900.81 |
| 10/23/2010 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 89.80 | | | | 2900.51 |
| 3/18/2011 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 90.06 | | | | 2900.25 |
| 6/18/2011 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 90.15 | | | | 2900.16 |
| 12/31/2011 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 90.41 | 90.40 | 0.01 | 0.830 | 2899.91 |
| 3/31/2012 | 2987.39 | 2990.31 | TOC | 81.00 | 96.00 | 90.64 | 90.63 | 0.01 | 0.830 | 2899.68 |

MW-10

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| 2/4/1999 | 2987.96 | 2990.84 | TOC | Top | Bottom | 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 |

Monday, September 10, 2012

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 |
| 10/2/2005 | 2987.96 | 2990.84 | TOC | 81.00 | 96.00 | 89.85 | 89.85 | | 0.830 | 2900.99 |
| 10/14/2005 | 2987.96 | 2990.84 | TOC | 81.00 | 96.00 | 89.80 | | | | 2901.04 |
| 10/17/2005 | 2987.96 | 2990.84 | TOC | 81.00 | 96.00 | 89.89 | | | | 2900.95 |
| 10/24/2005 | 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 |

Monday, September 10, 2012

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-10

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

MW-11

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec.Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 2/4/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.54 | | | | 2904.76 |
| 2/22/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.50 | | | | 2904.80 |
| 3/11/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.60 | | | | 2904.70 |
| 4/7/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.56 | | | | 2904.74 |
| 5/3/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.38 | | | | 2904.92 |
| 6/8/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.72 | | | | 2904.58 |
| 6/22/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.76 | | | | 2904.54 |
| 7/6/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.84 | | | | 2904.46 |
| 8/14/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.98 | | | | 2904.32 |
| 9/16/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.61 | | | | 2904.69 |
| 10/19/1999 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 87.86 | | | | 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 |

Monday, September 10, 2012

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 | TOC | 83.00 | 98.00 | 90.70 | | | | 2901.60 |
| 2/27/2008 | 2989.37 | 2992.30 | TOC | 83.00 | 98.00 | 90.06 | | | | 2902.24 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-11

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

MW-12

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 2/4/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.52 | | | | 2904.47 |
| 2/22/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.26 | | | | 2904.73 |
| 3/11/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.38 | | | | 2904.61 |
| 4/7/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.46 | | | | 2904.53 |
| 5/3/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.36 | | | | 2904.63 |
| 6/8/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.55 | | | | 2904.44 |
| 6/22/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.55 | | | | 2904.44 |
| 7/6/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.60 | | | | 2904.39 |
| 8/14/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.70 | | | | 2904.29 |
| 9/16/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.71 | | | | 2904.28 |
| 10/19/1999 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.72 | | | | 2904.27 |
| 2/7/2000 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 86.80 | | | | 2904.19 |
| 8/2/2000 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 87.08 | | | | 2903.91 |
| 11/24/2000 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 88.45 | 86.90 | 1.55 | 0.830 | 2903.83 |
| 2/14/2001 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 90.80 | 86.90 | 3.90 | 0.830 | 2903.43 |
| 3/16/2001 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 94.35 | 90.25 | 4.10 | 0.830 | 2900.04 |
| 4/19/2001 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 94.45 | 90.10 | 4.35 | 0.830 | 2900.15 |
| 5/23/2001 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 91.65 | 86.95 | 4.70 | 0.830 | 2903.24 |
| 9/29/2001 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 93.00 | 87.20 | 5.80 | 0.830 | 2902.80 |
| 12/20/2001 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 96.30 | 90.55 | 5.75 | 0.830 | 2899.46 |
| 3/27/2002 | 2987.79 | 2990.99 | TOC | 81.00 | 96.00 | 92.85 | 87.70 | 5.25 | 0.830 | 2902.40 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-12

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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
 Jal Station Diesel Remediation

Jal, NM

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| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen Top | Depth of Screen Bottom | 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 | | | 2904.59 |
| 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 |
| 10/17/2005 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.10 | | | 2900.87 |
| 12/2/2005 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.08 | | | 2900.89 |
| 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 | 92.15 | | | 2900.82 |
| 5/30/2006 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.10 | | | 2900.87 |
| 6/3/2006 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.08 | | | 2900.89 |
| 9/8/2006 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.10 | | | 2900.87 |
| 11/7/2006 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.18 | | | 2900.79 |
| 2/23/2007 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.25 | | | 2900.72 |
| Monday, September 10, 2012 | 2989.79 | 2992.97 | TOC | 85.65 | 100.65 | 92.20 | | | 2900.77 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-13

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

MW-14

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| 10/19/1999 | 2986.02 | 2989.12 | TOC | Top | Bottom | 85.04 | | | | 2904.08 |
| 2/7/2000 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 85.26 | | | | 2903.87 |
| 8/2/2000 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 86.95 | 85.25 | 1.70 | 0.830 | 2903.58 |
| 11/24/2000 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.60 | 85.00 | 3.60 | 0.830 | 2903.51 |
| 2/14/2001 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.95 | 85.25 | 4.70 | 0.830 | 2903.07 |
| 3/29/2001 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.76 | 88.75 | 0.01 | 0.830 | 2900.37 |
| 5/23/2001 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 86.30 | 85.95 | 0.35 | 0.830 | 2903.11 |
| 9/29/2001 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 87.45 | 86.05 | 1.40 | 0.830 | 2902.83 |
| 12/20/2001 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.08 | 89.05 | 0.03 | 0.830 | 2900.06 |
| 3/27/2002 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 87.80 | 86.35 | 1.45 | 0.830 | 2902.52 |
| 12/28/2002 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.20 | 86.90 | 2.30 | 0.830 | 2901.83 |
| 3/22/2003 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 92.00 | 87.00 | 5.00 | 0.830 | 2901.27 |
| 6/18/2003 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.20 | 87.30 | 1.90 | 0.830 | 2901.50 |
| 9/22/2003 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 91.40 | 87.15 | 4.25 | 0.830 | 2901.25 |
| 12/22/2003 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 91.90 | 87.55 | 4.35 | 0.830 | 2900.83 |
| 6/26/2004 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 91.75 | 87.80 | 3.95 | 0.830 | 2900.65 |
| 1/19/2005 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 92.00 | 90.85 | 1.15 | 0.830 | 2898.07 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-14

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 10/2/2005 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.65 | | | | 2899.47 |
| 10/14/2005 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.55 | | | | 2899.57 |
| 10/17/2005 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.50 | | | | 2899.62 |
| 10/24/2005 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.52 | | | | 2899.60 |
| 12/2/2005 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.30 | | | | 2899.82 |
| 1/10/2006 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.60 | | | | 2899.52 |
| 3/3/2006 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.55 | | | | 2899.57 |
| 11/8/2006 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.20 | | | | 2899.92 |
| 6/17/2008 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.43 | 88.40 | 0.03 | 0.830 | 2900.72 |
| 7/4/2008 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.43 | 88.41 | 0.02 | 0.830 | 2900.71 |
| 7/24/2008 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.31 | 88.25 | 0.06 | 0.830 | 2900.86 |
| 8/25/2008 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 87.98 | 87.87 | 0.11 | 0.830 | 2901.23 |
| 12/8/2008 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.18 | 87.86 | 0.32 | 0.830 | 2901.21 |
| 3/14/2009 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.15 | 87.84 | 0.31 | 0.830 | 2901.23 |
| 6/29/2009 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.10 | 87.87 | 0.23 | 0.830 | 2901.21 |
| 9/17/2009 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.92 | 88.15 | 0.77 | 0.830 | 2900.84 |
| 12/20/2009 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 88.95 | 88.58 | 0.37 | 0.830 | 2900.48 |
| 2/24/2010 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.27 | 88.33 | 0.94 | 0.830 | 2900.63 |
| 6/28/2010 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.15 | 88.65 | 0.50 | 0.830 | 2900.39 |
| 10/23/2010 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.27 | 88.85 | 0.42 | 0.830 | 2900.20 |
| 1/10/2011 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 90.90 | 90.80 | 0.10 | 0.830 | 2898.30 |
| 1/19/2011 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.26 | 88.94 | 0.32 | 0.830 | 2900.13 |
| 3/18/2011 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 89.32 | 89.11 | 0.21 | 0.830 | 2899.97 |
| 6/18/2011 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 90.39 | 89.73 | 0.66 | 0.830 | 2899.28 |
| 12/31/2011 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 91.47 | 89.91 | 1.56 | 0.830 | 2898.94 |
| 3/31/2012 | 2986.02 | 2989.12 | TOC | 86.20 | 101.20 | 91.98 | 90.00 | 1.98 | 0.830 | 2898.78 |

MW-15

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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-15

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 6/26/2002 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 86.81 | | | | 2902.83 |
| 9/25/2002 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.21 | | | | 2902.43 |
| 12/28/2002 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.51 | | | | 2902.13 |
| 3/22/2003 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.91 | | | | 2901.73 |
| 6/18/2003 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.81 | | | | 2901.83 |
| 9/22/2003 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.91 | | | | 2901.73 |
| 12/22/2003 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 88.16 | | | | 2901.48 |
| 3/17/2004 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 88.06 | | | | 2901.58 |
| 6/26/2004 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 88.34 | | | | 2901.30 |
| 12/19/2004 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 91.00 | | | | 2898.64 |
| 1/19/2005 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 90.80 | | | | 2898.84 |
| 1/25/2005 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 90.50 | | | | 2898.14 |
| 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 |
| 6/21/2007 | 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 |
| 7/14/2008 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.68 | | | | 2901.96 |
| 7/24/2008 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.64 | | | | 2902.00 |
| 8/25/2008 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.52 | | | | 2902.12 |
| 12/6/2008 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.70 | | | | 2901.94 |
| 3/12/2009 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.80 | | | | 2901.84 |
| 6/29/2009 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 87.74 | | | | 2901.90 |
| 9/17/2009 | 2986.45 | 2989.64 | TOC | 85.98 | 100.98 | 88.03 | | | | 2901.61 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-15

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

MW-16

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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-16

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 11/4/2006 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 89.90 | | | | 2898.81 |
| 2/26/2007 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 89.85 | | | | 2898.86 |
| 5/23/2007 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 90.00 | | | | 2898.71 |
| 8/21/2007 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 89.75 | | | | 2898.96 |
| 11/3/2007 | 2985.80 | 2988.71 | 2985.8 | 78.50 | 98.50 | 89.50 | | | | 2899.21 |
| 2/25/2008 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.81 | | | | 2899.90 |
| 6/14/2008 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.64 | | | | 2900.07 |
| 7/4/2008 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.67 | | | | 2900.04 |
| 7/24/2008 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.61 | | | | 2900.10 |
| 8/26/2008 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.51 | | | | 2900.20 |
| 12/8/2008 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.45 | | | | 2900.26 |
| 3/12/2009 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.40 | | | | 2900.31 |
| 6/29/2009 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.38 | | | | 2900.33 |
| 9/17/2009 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 88.55 | | | | 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 | 89.55 | | | | 2899.06 |
| 12/31/2011 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 89.88 | | | | 2898.83 |
| 3/31/2012 | 2985.80 | 2988.71 | TOC | 78.50 | 98.50 | 90.08 | | | | 2898.63 |

MW-17

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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-17

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| 2/16/2005 | 2985.09 | 2987.77 | TOC | Top | Bottom | 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 |
| 7/14/2008 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.20 | | | | 2899.57 |
| 7/24/2008 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.16 | | | | 2899.61 |
| 8/26/2008 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.05 | | | | 2899.72 |
| 12/7/2008 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 87.90 | | | | 2899.87 |
| 3/12/2009 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 87.94 | | | | 2899.83 |
| 6/29/2009 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 87.90 | | | | 2899.87 |
| 9/17/2009 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.10 | | | | 2899.67 |
| 12/20/2009 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.17 | | | | 2899.60 |
| 2/21/2010 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.28 | | | | 2899.49 |
| 6/28/2010 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.38 | | | | 2899.39 |
| 10/23/2010 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.62 | | | | 2899.15 |
| 3/18/2011 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.95 | | | | 2898.82 |
| 6/18/2011 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 88.98 | | | | 2898.79 |
| 12/31/2011 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 89.17 | | | | 2898.60 |
| 3/31/2012 | 2985.09 | 2987.77 | TOC | 80.00 | 100.00 | 89.36 | | | | 2898.41 |

MW-18

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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-18

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 6/26/2002 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 93.98 | 86.48 | 7.50 | 0.830 | 2901.93 |
| 9/25/2002 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 94.23 | 87.23 | 7.00 | 0.830 | 2901.26 |
| 12/28/2002 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 88.80 | 88.78 | 0.02 | 0.830 | 2900.90 |
| 9/22/2003 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 92.58 | 87.93 | 4.65 | 0.830 | 2900.96 |
| 12/22/2003 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 89.38 | 89.33 | 0.05 | 0.830 | 2900.34 |
| 6/26/2004 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 88.73 | 88.71 | 0.02 | 0.830 | 2900.97 |
| 6/9/2005 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 89.80 | 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 |
| 7/14/2008 | 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 | 88.55 | 88.60 | 0.05 | 0.830 | 2901.07 |
| 10/23/2010 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 88.92 | 88.85 | 0.07 | 0.830 | 2900.82 |
| 1/19/2011 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 88.98 | 88.94 | 0.04 | 0.830 | 2900.73 |
| 3/18/2011 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 89.20 | 89.15 | 0.05 | 0.830 | 2900.52 |
| 6/18/2011 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 89.41 | 89.26 | 0.15 | 0.830 | 2900.39 |
| 12/31/2011 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 89.75 | 89.51 | 0.24 | 0.830 | 2900.13 |
| 3/31/2012 | 2987.16 | 2989.68 | TOC | 75.00 | 95.00 | 90.01 | 89.75 | 0.26 | 0.830 | 2899.89 |

MW-19

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 3/27/2002 | 2988.86 | 2991.92 | TOC | 80.00 | 100.00 | 94.24 | 88.14 | 6.10 | 0.830 | 2802.74 |
| 6/26/2002 | 2988.86 | 2991.92 | TOC | 80.00 | 100.00 | 94.19 | 88.29 | 5.90 | 0.830 | 2902.63 |
| 9/25/2002 | 2988.86 | 2991.92 | TOC | 80.00 | 100.00 | 95.39 | 88.79 | 6.60 | 0.830 | 2902.01 |
| 12/28/2002 | 2988.86 | 2991.92 | TOC | 80.00 | 100.00 | 91.46 | 91.44 | 0.02 | 0.830 | 2900.48 |
| 9/22/2003 | 2988.86 | 2991.92 | TOC | 80.00 | 100.00 | 91.24 | 89.59 | 1.65 | 0.830 | 2902.05 |
| 12/22/2003 | 2988.86 | 2991.92 | TOC | 80.00 | 100.00 | 89.61 | 89.59 | 0.02 | 0.830 | 2902.33 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-19

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

MW-20

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 3/27/2002 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 94.08 | 87.03 | 7.05 | 0.830 | 2901.41 |
| 6/26/2002 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 93.73 | 86.93 | 6.80 | 0.830 | 2901.55 |
| 9/25/2002 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 94.73 | 87.68 | 7.05 | 0.830 | 2900.76 |
| 12/28/2002 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 90.10 | 90.08 | 0.02 | 0.830 | 2899.56 |
| 9/22/2003 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 93.03 | 88.43 | 4.60 | 0.830 | 2900.43 |
| 12/22/2003 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 89.60 | 88.58 | 0.02 | 0.830 | 2900.06 |
| 6/26/2004 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 93.31 | 87.78 | 5.53 | 0.830 | 2900.92 |
| 6/9/2005 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 89.50 | 89.50 | | 0.830 | 2900.14 |
| 9/27/2005 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 89.60 | 89.55 | 0.05 | 0.830 | 2900.08 |
| 10/2/2005 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 89.57 | 89.55 | 0.02 | 0.830 | 2900.09 |
| 10/14/2005 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 89.55 | 89.55 | | | 2900.09 |
| 10/17/2005 | 2987.22 | 2989.64 | TOC | 75.00 | 95.00 | 89.55 | 89.50 | 0.05 | 0.830 | 2900.13 |

Monday, September 10, 2012

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-20

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

MW-21

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | |
| 12/28/2002 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.54 | | | 2900.65 |
| 3/22/2003 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.74 | | | 2900.45 |
| 6/18/2003 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.64 | | | 2900.55 |
| 9/22/2003 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.89 | | | 2900.30 |
| 12/22/2003 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.99 | | | 2900.20 |
| 3/17/2004 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.24 | | | 2899.95 |
| 6/26/2004 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.44 | | | 2899.75 |
| 12/19/2004 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 91.55 | | | 2897.54 |
| 1/19/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 91.60 | | | 2897.59 |
| 1/25/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 91.35 | | | 2897.84 |
| 1/26/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 91.35 | | | 2897.84 |
| 2/7/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 91.30 | | | 2897.89 |
| 2/16/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 91.45 | | | 2897.74 |
| 3/16/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 91.20 | | | 2897.99 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-21

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 5/11/2005 | 2986.63 | 2988.19 | TOC | 78.00 | 98.00 | 90.80 | | | | 2898.39 |
| 6/26/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.65 | | | | 2898.54 |
| 9/8/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.40 | | | | 2898.79 |
| 9/19/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.40 | | | | 2898.79 |
| 10/17/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.21 | | | | 2898.98 |
| 12/2/2005 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.20 | | | | 2898.99 |
| 1/10/2006 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.20 | | | | 2898.99 |
| 3/3/2006 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.10 | | | | 2899.09 |
| 4/12/2006 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.25 | | | | 2898.94 |
| 5/30/2006 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.10 | | | | 2899.09 |
| 6/26/2006 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.10 | | | | 2899.09 |
| 9/7/2006 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.00 | | | | 2899.19 |
| 11/4/2006 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.06 | | | | 2899.13 |
| 2/26/2007 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.10 | | | | 2899.09 |
| 5/23/2007 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.25 | | | | 2898.94 |
| 8/21/2007 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.07 | | | | 2899.12 |
| 11/3/2007 | 2986.63 | 2989.19 | 2986.63 | 78.00 | 98.00 | 90.00 | | | | 2899.19 |
| 2/25/2008 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.25 | | | | 2899.94 |
| 6/14/2008 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.00 | | | | 2900.19 |
| 7/4/2008 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.92 | | | | 2900.27 |
| 7/24/2008 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.88 | | | | 2900.31 |
| 8/26/2008 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.80 | | | | 2900.39 |
| 12/7/2008 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.75 | | | | 2900.44 |
| 3/12/2009 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.80 | | | | 2900.39 |
| 6/29/2009 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 88.77 | | | | 2900.42 |
| 9/17/2009 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.00 | | | | 2900.19 |
| 12/20/2009 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.10 | | | | 2900.09 |
| 2/21/2010 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.25 | | | | 2899.94 |
| 6/28/2010 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.38 | | | | 2899.81 |
| 10/23/2010 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.63 | | | | 2899.56 |
| 3/18/2011 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.90 | | | | 2899.29 |
| 6/18/2011 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 89.97 | | | | 2899.22 |
| 12/31/2011 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.19 | | | | 2899.00 |
| 3/31/2012 | 2986.63 | 2989.19 | TOC | 78.00 | 98.00 | 90.37 | | | | 2898.82 |

MW-22

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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-22

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen Top | Depth of Screen Bottom | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|---------------------|------------------------|-------------|----------------|-----------------|-------------------|--------------------|
| 9/22/2003 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 93.13 | 89.93 | 3.20 | 0.830 | 2901.09 |
| 12/22/2003 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 93.23 | 90.13 | 3.10 | 0.830 | 2900.90 |
| 3/17/2004 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 93.88 | 90.38 | 3.50 | 0.830 | 2900.58 |
| 6/26/2004 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 93.98 | 90.48 | 3.50 | 0.830 | 2900.49 |
| 6/9/2005 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 92.00 | 92.00 | | 0.830 | 2899.56 |
| 9/6/2005 | 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 |
| 12/6/2008 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 89.20 | 89.20 | | 0.830 | 2902.36 |
| 3/14/2009 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 89.18 | 89.18 | | 0.830 | 2902.38 |
| 6/29/2009 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 89.39 | | | | 2902.17 |
| 9/17/2009 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 89.71 | 89.71 | | 0.830 | 2901.85 |
| 12/20/2009 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 89.92 | | | | 2901.64 |
| 2/22/2010 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 90.13 | | | | 2901.43 |
| 6/28/2010 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 90.33 | | | | 2901.23 |
| 10/23/2010 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 90.61 | | | | 2900.95 |
| 3/18/2011 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 90.82 | | | | 2900.74 |
| 6/18/2011 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 91.01 | | | | 2900.55 |
| 12/31/2011 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 91.31 | 91.30 | 0.01 | 0.830 | 2900.26 |
| 3/31/2012 | 2989.24 | 2991.56 | TOC | 80.00 | 100.00 | 91.55 | 91.54 | 0.01 | 0.830 | 2900.02 |

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Table 1
GROUNDWATER MEASUREMENTS TABLE
Jai Station Diesel Remediation

Jai, NM

MW-23

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

MW-24

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

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Table 1
GROUNDWATER MEASUREMENTS TABLE
 Jal Station Diesel Remediation

Jal, NM

MW-24

| Sample Date | Grd. Surf. Elevation | TOC Elevation | Ref. Point | Depth of Screen | | Depth to GW | Depth to LNAPL | LNAPL Thickness | LNAPL Spec. Grav. | Corrected GW Elev. |
|-------------|----------------------|---------------|------------|-----------------|--------|-------------|----------------|-----------------|-------------------|--------------------|
| | | | | Top | Bottom | | | | | |
| 3/14/2009 | 2988.76 | 2993.76 | TOC | 77.00 | 117.00 | 96.38 | | | | 2897.38 |
| 6/29/2009 | 2988.76 | 2993.76 | TOC | 77.00 | 117.00 | 96.55 | | | | 2897.21 |
| 9/17/2009 | 2988.76 | 2993.76 | TOC | 77.00 | 117.00 | 96.85 | | | | 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 |
| 1/20/2011 | 2988.76 | 2993.76 | TOC | 77.00 | 117.00 | 98.95 | 97.63 | 1.32 | 0.830 | 2895.91 |
| 3/18/2011 | 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



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

October 17, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 97.1 % 41-142

Surrogate: 1-Chlorooctadecane 99.5 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 10/07/2019 | ND | 416 | 104 | 400 | 3.77 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |

Surrogate: 1-Chlorooctane 91.1 % 41-142

Surrogate: 1-Chlorooctadecane 92.7 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 96.7 % 41-142

Surrogate: 1-Chlorooctadecane 98.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 92.8 % 41-142

Surrogate: 1-Chlorooctadecane 94.6 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 94.7 % 41-142

Surrogate: 1-Chlorooctadecane 96.5 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 89.9 % 41-142

Surrogate: 1-Chlorooctadecane 89.9 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 14200 | 50.0 | 10/07/2019 | ND | 199 | 99.3 | 200 | 1.79 | |
| DRO >C10-C28* | 21500 | 50.0 | 10/07/2019 | ND | 199 | 99.6 | 200 | 1.01 | |
| EXT DRO >C28-C36 | 3220 | 50.0 | 10/07/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 403 % 41-142

Surrogate: 1-Chlorooctadecane 588 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

Surrogate: 1-Chlorooctane 151 % 41-142

Surrogate: 1-Chlorooctadecane 225 % 37.6-147

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Analytical Results For:

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

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

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

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

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

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

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

Surrogate: 1-Chlorooctane 126 % 41-142

Surrogate: 1-Chlorooctadecane 192 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 10/03/2019 | Sampling Date: | 10/02/2019 |
| Reported: | 10/17/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

Surrogate: 1-Chlorooctane 93.2 % 41-142

Surrogate: 1-Chlorooctadecane 93.8 % 37.6-147

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Analytical Results For:

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

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

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

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

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

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

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

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

Surrogate: 1-Chlorooctane 97.3 % 41-142

Surrogate: 1-Chlorooctadecane 98.0 % 37.6-147

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Analytical Results For:

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

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

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

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

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

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

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

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

Surrogate: 1-Chlorooctane 92.6 % 41-142

Surrogate: 1-Chlorooctadecane 94.1 % 37.6-147

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Analytical Results For:

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

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

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

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

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

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

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 10/07/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 358 | 50.0 | 10/07/2019 | ND | 199 | 99.3 | 200 | 1.79 | |
| DRO >C10-C28* | 4150 | 50.0 | 10/07/2019 | ND | 199 | 99.6 | 200 | 1.01 | |
| EXT DRO >C28-C36 | 1000 | 50.0 | 10/07/2019 | ND | | | | | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 358 | 50.0 | 10/07/2019 | ND | 199 | 99.3 | 200 | 1.79 | |
| DRO >C10-C28* | 4150 | 50.0 | 10/07/2019 | ND | 199 | 99.6 | 200 | 1.01 | |
| EXT DRO >C28-C36 | 1000 | 50.0 | 10/07/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 118 % 41-142

Surrogate: 1-Chlorooctadecane 194 % 37.6-147

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Analytical Results For:

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

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

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

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

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

Surrogate: 1-Chlorooctane 112 % 41-142
 Surrogate: 1-Chlorooctadecane 161 % 37.6-147

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

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

Surrogate: 1-Chlorooctane 84.1 % 41-142
 Surrogate: 1-Chlorooctadecane 120 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

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

| TPH 8015M | mg/kg | Analyzed By: MS | | | | | | S-06 | |
|-------------------------------|-------------|-----------------|------------|--------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 82.1 | 50.0 | 10/15/2019 | ND | 202 | 101 | 200 | 0.0346 | |
| DRO >C10-C28* | 5150 | 50.0 | 10/15/2019 | ND | 185 | 92.7 | 200 | 2.66 | |
| EXT DRO >C28-C36 | 2410 | 50.0 | 10/15/2019 | ND | | | | | |
| <hr/> | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 95.6 % | 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 190 % | 37.6-147 | | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

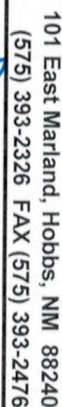
| | |
|-------|--|
| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.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

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Caley D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

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ANALYSIS REQUEST

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



BILL TO

ANALYSIS REQUEST

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

| Lab I.D. | Sample I.D. |
|----------|-------------|
| H903388 | RP-106F+ |
| 41 | RP-108F+ |
| 42 | |

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Relinquished By: Kelly Bella

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



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

November 04, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

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

| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2019 | ND | 222 | 111 | 200 | 3.50 | |
| DRO >C10-C28* | 185 | 10.0 | 11/01/2019 | ND | 221 | 111 | 200 | 2.54 | |
| EXT DRO >C28-C36 | 37.0 | 10.0 | 11/01/2019 | ND | | | | | |
| | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 99.7 % | 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 % | 37.6-147 | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | |
|--|--------------|--------------------------------|--------------|-------------|------------|------------------|-----|--------|---------|------------|------------|---------|-------|-------|-----|-----------------|
| Company Name: Dean | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | |
| Project Manager: Sylvia Reynolds | | Company: Plains | | | | | | | | | | | | | | |
| Address: 18400 W Co Rd 91 | | Attn: Amber Graves | | | | | | | | | | | | | | |
| City: Midland | | Address: | | | | | | | | | | | | | | |
| State: TX Zip: 79706 | | City: | | | | | | | | | | | | | | |
| Phone #: (438) 653-4203 Fax #: | | State: | | | | | | | | | | | | | | |
| Project #: PP-9096 Project Owner: | | Zip: | | | | | | | | | | | | | | |
| Project Name: Sal Station Release | | Phone #: (575) 200-5517 | | | | | | | | | | | | | | |
| Project Location: Sal New Mexico | | Fax #: | | | | | | | | | | | | | | |
| Sampler Name: Phoebe Alvarez | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | TPH | Cancel 11/11/19 |
| 4903723 | 1 RP-1 @ 9' | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10/30 | 11:57 | 1 | 1 |
| | 2 RP-1 @ 10' | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11:59 | 12:00 | 1 | 1 |
| | 3 RP-1 @ 11' | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12:00 | 12:00 | 1 | 1 |
| | 4 RP-1 @ 12' | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12:03 | 12:03 | 1 | 1 |

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| | | | | | | | |
|--|-----------------------|----------------------------------|---|---|----------------------------------|----------------------------|---|
| Relinquished By: Phoebe Alvarez | Date: 12/31/19 | Received By: Amber Graves | Date: 12/31/19 | Time: 14:10 | Received By: Amber Graves | Date: 12/31/19 | Time: 14:10 |
| Delivered By: (Circle One) | Observed Temp. °C | Corrected Temp. °C | Sample Condition | CHECKED BY: (Initials) | Turnaround Time: | Standard | Bacteria (only) Sample Condition |
| Sampler - UPS - Bus - Other: | 8.6 | 3.0 | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | YEs. | Thermometer ID #97 | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> |
| | | | | | | Correction Factor + 0.4 °C | Observed Temp. °C |
| | | | | | | | Corrected Temp. °C |

REMARKS: **If levels are below 1000 ppm please do not preclude to next sample.**

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address: **Sylvia Reynolds@cardinalgs.com**

Phoebe Alvarez@cardinalgs.com

Amber Graves@cardinalgs.com

Alvarez@cardinalgs.com

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

November 25, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

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

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

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

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

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

Surrogate: 1-Chlorooctane 82.2 % 41-142

Surrogate: 1-Chlorooctadecane 80.6 % 37.6-147

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



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/25/2019 | ND | 416 | 104 | 400 | 0.00 | |

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

Surrogate: 1-Chlorooctane 82.9 % 41-142

Surrogate: 1-Chlorooctadecane 84.3 % 37.6-147

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



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 77.8 % 41-142

Surrogate: 1-Chlorooctadecane 70.3 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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



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

Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 83.1 % 41-142

Surrogate: 1-Chlorooctadecane 75.1 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 85.8 % 41-142

Surrogate: 1-Chlorooctadecane 79.4 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 86.4 % 41-142

Surrogate: 1-Chlorooctadecane 78.3 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 83.4 % 41-142

Surrogate: 1-Chlorooctadecane 78.7 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 79.3 % 41-142

Surrogate: 1-Chlorooctadecane 75.5 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 79.4 % 41-142

Surrogate: 1-Chlorooctadecane 79.7 % 37.6-147

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Analytical Results For:

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

| | | | |
|-------------------|---------------------|---------------------|----------------|
| Received: | 11/19/2019 | Sampling Date: | 11/18/2019 |
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | JAL STATION RELEASE | Sampling Condition: | Cool & Intact |
| Project Number: | PP-9096 | Sample Received By: | Tamara Oldaker |
| Project Location: | PLAINS - LEA CO NM | | |

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

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

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

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

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

Surrogate: 1-Chlorooctane 79.8 % 41-142

Surrogate: 1-Chlorooctadecane 81.2 % 37.6-147

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

APPENDIX D

PHOTOGRAPHIC DOCUMENTATION

Photograph No 1.

Date: October 11, 2019

Direction: East

Description: View of hand excavation of site.

**Photograph No 2.**

Date: October 17, 2019

Direction: East

Description: View of excavation under piping.



Photograph No 3.

Date: October 21, 2019

Direction: East

Description: View of excavation beneath piping

**Photograph No 4.**

Date: October 21, 2019

Direction: West

Description: View of remediation activities.



Photograph No 5.

| | |
|---|----------------------|
| Date: October 21, 2019 | Direction: Southeast |
| Description: View of previously installed liner from April 14, 2019 | |



Photograph No 6.

| | |
|---|-----------------|
| Date: October 24, 2019 | Direction: West |
| Description: View of excavation beneath pipeline. | |



Photograph No 7.

Date: October 22, 2019

Direction: West

Description: View of base of excavation.

**Photograph No 8.**

Date: October 23, 2019

Direction: Northeast

Description: View of stockpiled soil from excavation.

