Page 5

Oil Conservation Division

	0	
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 Anords Title: Pelmediation Coordinator
Signature: Mhu finte Date: 11/20/2019
email: Algrove) a paato. Com Telephone: 575-200-5517
OCD Only
0.1.11. 5.1.1
Received by: Cristina Eads Date: 02/12/2020
Approved Approved with Attached Conditions of Approval Denied Deferral Approved
Signature: Cristina Cada 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 A. NMOCD C-141 Form

Appendix B. Shell Oil Company Groundwater Gauging Data for Site

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 oversite 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,

Sylvie 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

	SAMPL	E INFORMAT	ION			ТРН	METHOD: 80	15M			В	TEX METHOD 80	21B		
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)	SM4500 (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

	SAMPL	E INFORMAT	ION			ТРН	METHOD: 80	15M			В	TEX METHOD 802	21B		
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)	CHLORIDES SM4500 (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



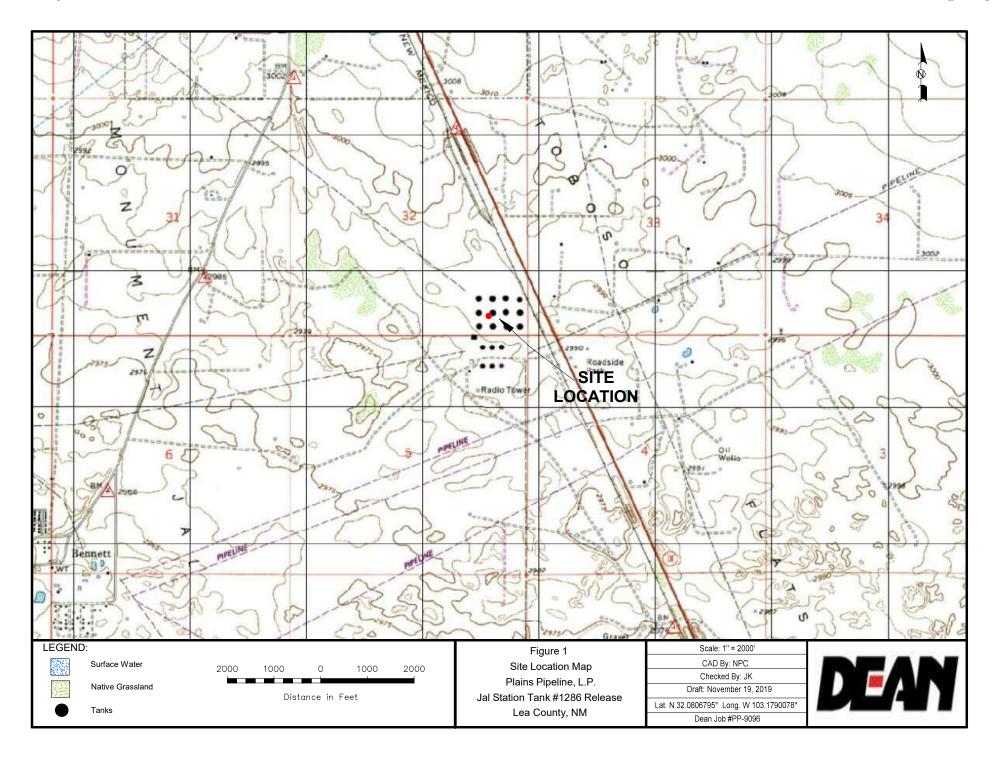
Chemistry Table Concentrations of TPH, BTEX and Chlorides in Soil Plains Pipeline, L.P. Plains Jal Station Release SRS # 2019-132

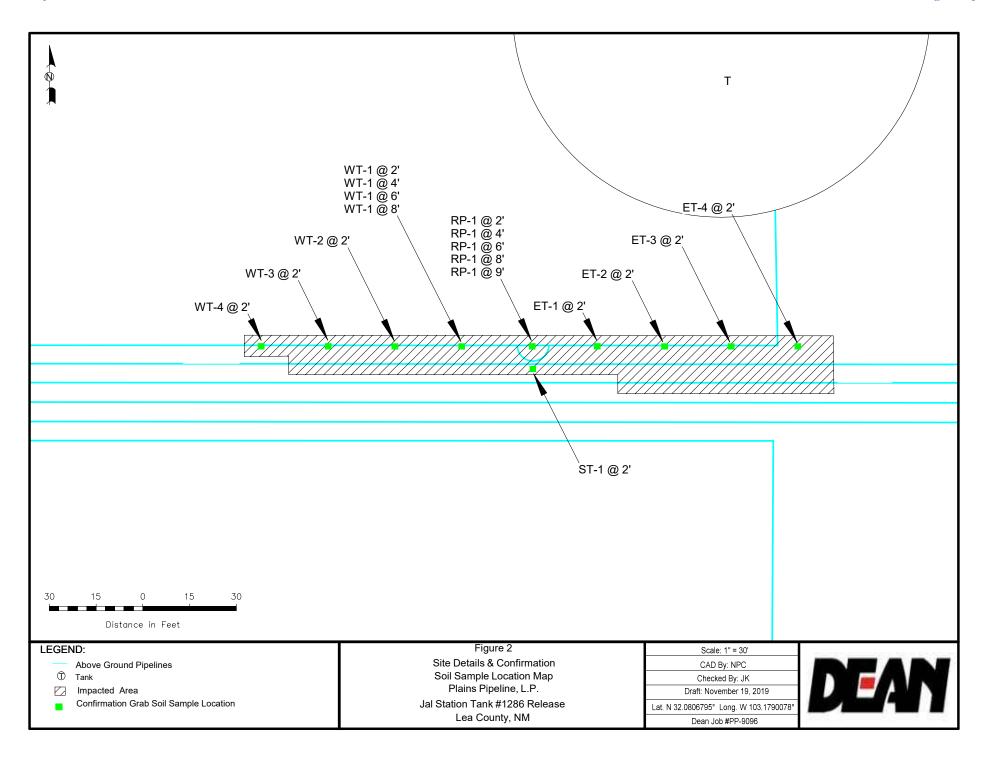
Lea County, New Mexico

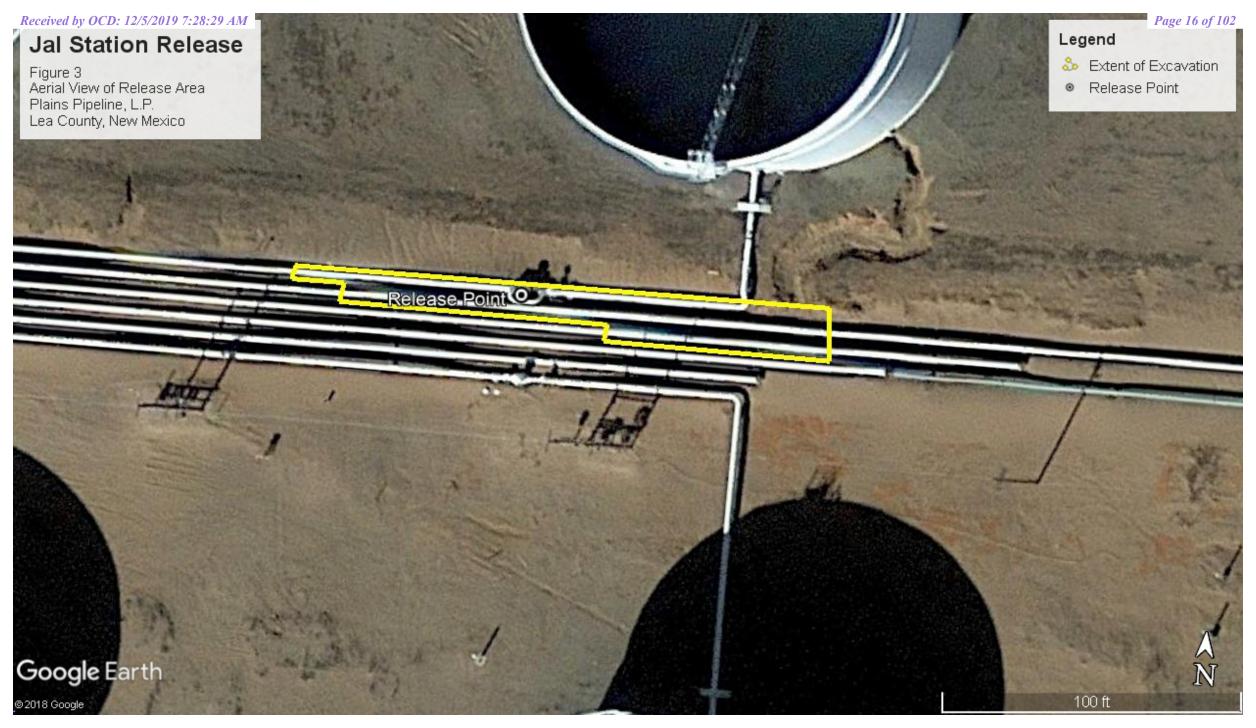
	SAMPL	E INFORMAT	ION			ТРН	METHOD: 80	15M			В	TEX METHOD 80	21B		
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	GRO + DRO C6-28 (mg/kg)	ORO >C28-C36 (mg/kg)	TOTAL TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TOTAL BTEX (mg/kg)	CHLORIDES SM4500 (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 Clo	sure Criteria	a for Soils		NA	NA	1,000	NA	2,500	10	NA	NA	NA	50	10,000

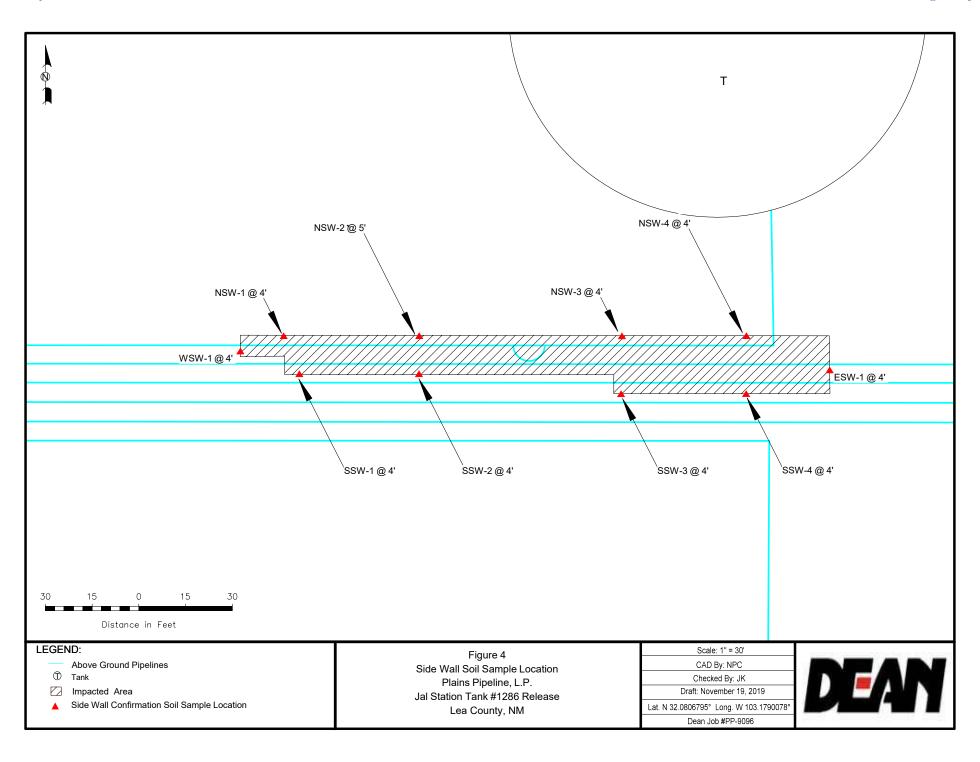
Soil excavated and place in stockpiled.

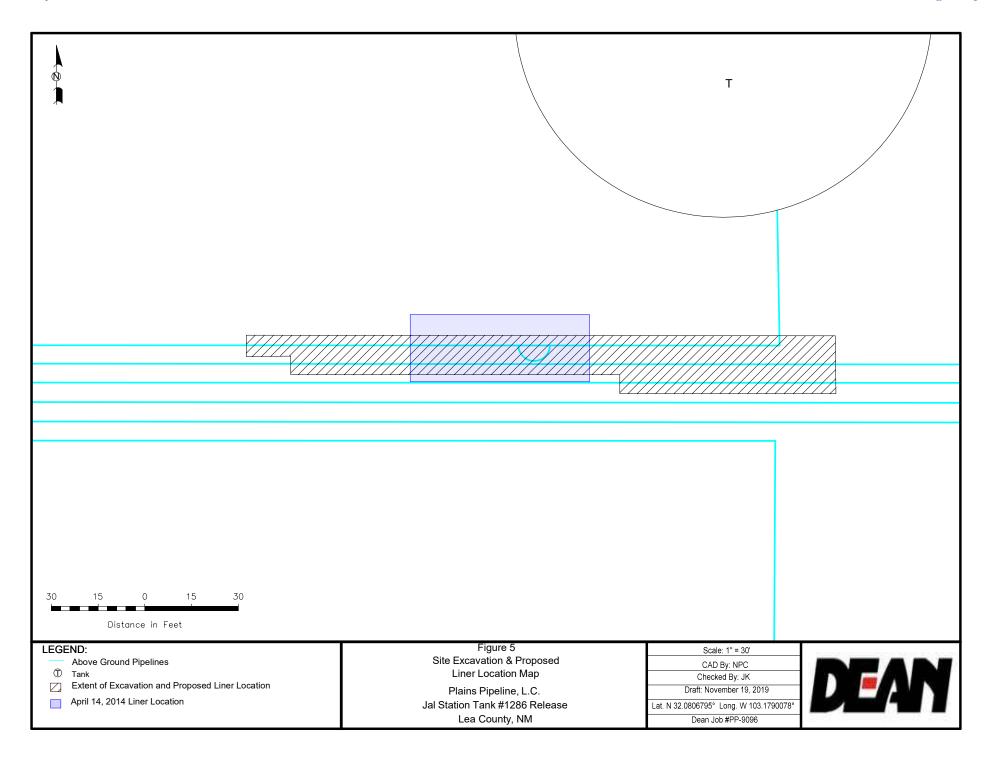
FIGURES











APPENDIX A NMOCD C-141 FORM

Received by OCD: 10/3/2019 2:01:31 PM

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

			_		
<u> </u>		s Pipeline, L.P.		OGRID	713291
Contact Nam	e Amber G	roves		Contact	Telephone 575-200-5517
Contact ema	il algroves@	paalp.com		Inciden	# (assigned by OCD)
Contact mail 79360	ing address	577 US HWY 385	N Seminole, TX		
			Location	of Release	Source
Latitude 32.	0806795		(NAD 83 in de	Lo cimal degrees to 5	ongitude -103.1790078 decimal places)
Site Name .	Ial Station T	ank #1286 Pump		Site Ty	pe Tank Farm
Date Releas	e Discovered	1 10/2/2019 @ 6:	1 AM	API# (f applicable)
Unit Letter	Section	Township	Range	Co	punty
A	5	26S	37E		Lea
	rlm/10/4/ Materi	22019	Tribal Private (Nature and all that apply and attach	d Volume	
Crude Oil		Volume Release			Volume Recovered (bbls) 70 bbls
Produced	Water	Volume Release	d (bbls)		Volume Recovered (bbls)
		Is the concentrat	ion of dissolved ch >10,000 mg/l?	loride in the	☐ Yes ☐ No
Condensa	te	Volume Release	d (bbls)		Volume Recovered (bbls)
Natural G	as	Volume Release	d (Mcf)		Volume Recovered (Mcf)
Other (de	scribe)	Volume/Weight	Released (provide	units)	Volume/Weight Recovered (provide units)
Cause of Rel A coupler be pump.		and motor was	s removed during r	nechanical wor	k being done and not replaced causing a seal failure on the

Form C-141 Page 2

State of New Mexico Oil Conservation Division

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

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? Over 25 barrels
⊠ Yes □ No	
	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? im Griswold on 10/2/2019 @ 4:18 PM and Mike Bratcher @ 4:25 PM with follow up e-mail to generic D1 e-
	Initial Response
The responsible	e party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.
	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
has begun, please attach	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig addition, OCD acceptance of and/or regulations.	
email: <u>AGNVES</u>	(a) Polary Com Telephone: 5/15-200-55/7
OCD Only	×
Received by: Ramona	Marcus Date: _10/4/2019

APPENDIX B SHELL OIL COMPANY GROUNDWATER GAUGING DATA FOR SITE

Page 1 of 34

Monday, September 10, 2012

Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

				in and a		-	nebrii		1	Notice to the contract of the
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	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	T0C	85.00	94.50	90.19				2904.43
3/11/1999	2992.30	2994.62	T0C	85.00	94.50	90.31				2904.31
4/7/1999	2992.30	2994.62	T0C	85.00	94.50	90.63				2903.99
5/3/1999	2992.30	2994.62	T0C	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	700	85.00	94.50	90.43				2904.19
7/6/1999	2992.30	2994.62	70C	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	тос	85.00	94.50	90.43				2904.19
2/7/2000	2992.30	2994.62	T0C	85.00	94.50	90.48				2904.14
8/2/2000	2992.30	2994.62	T0C	85.00	94.50	90.58				2904.04
11/24/2000	2992.30	2994.62	T0C	85.00	94.50	90.68				2903.94
2/14/2001	2992.30	2994.62	T0C	85.00	94.50	90.88				2903.74
3/16/2001	2992.30	2994.62	T0C	85.00	94.50	93.35				2901.27
4/19/2001	2992.30	2994.62	700	85.00	94.50	93.30				2901.32
5/23/2001	2992.30	2994.62	T0C	85.00	94.50	91.13				2903.49
9/29/2001	2992.30	2994.62	T0C	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	700	85.00	94.50	91.88				2902.74
6/26/2002	2992.30	2994.62	T0C	85.00	94.50	92.08				2902.54
9/25/2002	2992.30	2994.62	T0C	85.00	94.50	92.28				2902.34
12/28/2002	2992.30	2994.62	T0C	85.00	94.50	92.53				2902.09
3/22/2003	2992.30	2994.62	T0C	85.00	94.50	92.83				2901.79
6/18/2003	2992.30	2994.62	T0C	85.00	94.50	92.88				2901.74
9/22/2003	2992.30	2994.62	T0C	85.00	94.50	93.13				2901.49
12/22/2003	2992.30	2994.62	T00	85.00	94.50	93.33				2901.29
3/17/2004	2992.30	2994.62	T00	85.00	94.50	93.28				2901.34
6/26/2004	2992.30	2994.62	T0C	85.00	94.50	93.43				2901.19
12/19/2004	2992.30	2994.62	T0C	85.00	94.50	94.85				2899.77
1/19/2005	2992.30	2994.62	T0C	85.00	94.50	94.40				2900.22
1/25/2005	2992.30	2994.62	T0C	85.00	94.50	94.25				2900.37
1/26/2005	2992.30	2994.62	T0C	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	тос	85.00	94.50	93.85				2900.77
5/11/2005	2992.30	2994.62	T0C	85.00	94.50	93.45				2901.17
6/26/2005	2992.30	2994.62	T0C	85.00	94.50	93.30				2901.32
9/8/2005	2992.30	2994.62	T0C	85.00	94.50	93.10				2901.52
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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

		3		nahan	הפליחו מו שבופפוו	nadan	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec. Grav.	GW Elev.
10/17/2005	2992.30	2994.62	T0C	85.00	94.50	93.02				2901 80
12/2/2005	2992.30	2994.62	TOC	85.00	94.50	92.95				2001.000
1/10/2006	2992.30	2994.62	700	85.00	94.50	92.95				2001.01
3/3/2006	2992.30	2994.62	700	85.00	94.50	92.90				2901.72
4/12/2006	2992.30	2994.62	700	85.00	94.50	92.95				2901.67
5/30/2006	2992.30	2994.62	700	85.00	94.50	92.90				2401.72
6/3/2006	2992.30	2994.62	T0C	85.00	94.50	92.90				2004 72
9/8/2006	2992.30	2994.62	TOC	85.00	94.50	93.10				2901.72
11/7/2006	2992.30	2994.62	70C	85.00	94.50	93.20				2001.02
2/23/2007	2992.30	2994.62	TOC	85.00	94.50	93.30				2901 32
5/21/2007	2992.30	2994.62	700	85.00	94.50	93.35				2901 27
8/21/2007	2992.30	2994.62	T0C	85.00	94.50	93.00				2001 82
11/3/2007	2992.30	2994.62	2992.3	85.00	94.50	92.45				2902 17
2/27/2008	2992.30	2994.62	T0C	85.00	94.50	91.62				2003.00
6/13/2008	2992.30	2994.62	T0C	85.00	94.50	91.37				2903.25
7/4/2008	2992.30	2994.62	TOC	85.00	94.50	91.46				2903 16
7/24/2008	2992.30	2994.62	T0C	85.00	94.50	91.50				2903.12
8/25/2008	2992.30	2994.62	T0C	85.00	94.50	91.55				2903.07
12/6/2008	2992.30	2994.62	тос	85.00	94.50	91.85				2902.77
3/11/2009	2992.30	2994.62	TOC	85.00	94.50	91.82				2902 BO
6/29/2009	2992.30	2994.62	тос	85.00	94.50	91.87				2902 75
9/17/2009	2992.30	2994.62	тос	85.00	94.50	91.12				2903.50
12/20/2009	2992.30	2994.62	T0C	85.00	94.50	92.35				2902 27
2/20/2010	2992.30	2994.62	T0C	85.00	94.50	92.52				2902 10
6/28/2010	2992.30	2994.62	700	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	700	85.00	94.50	93.39				2801.23
6/18/2011	2992.30	2994.62	TOC	85.00	94.50	93.41				2901.21
12/31/2011	2992.30	2994.62	T0C	85.00	94.50	93.73				2900.89
3/31/2012	2992.30	2994.62	70C	85.00	94.50	93.96				2000 66

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Sample	Grd. Surf.	50	Ref.	Deptho	f Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Top Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	_
2/4/1999	2987.02	2989.43	T0C	82.00	101.50	92.17	83.89	8.28	0.830	
2/22/1999	2987.02	2989.43	T0C	82.00	101.50	92.15	84.02	8.13	0.830	- 11
3/11/1999	2987.02	2989.43	T0C	82.00	101.50	92.14	83.98	8 9	0.830	
3/24/1999	2987.02	2989.43	T0C	82.00	101.50	92.13	84.26	7.87	0.830	
3/31/1999	2987.02	2989.43	T0C	82.00	101,50	91.86	83.83	803	0.000	
4/2/1999	2987.02	2989.43	700	82.00	101.50	92.11	84.02	00 80	0.830	
4/7/1999	2987.02	2989.43	TOC	82.00	101.50	92.18	83.81	8.37	0.830	2904.20

Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

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Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
7/15/1999	2987.02	2989.43	T0C	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	T0C	82.00	101.50	92.44	85.54	9.90	0.830	2902.72
2/14/2001	2987.02	2989.43	T0C	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	700	82.00	101.50	89.30	89.25	0.05	0.830	2900.17
3/27/2002	2987.02	2989.43	T0C	82.00	101.50	87.29	87.19	0.10	0.830	2902 22
6/26/2002	2987.02	2989.43	70C	82.00	101.50	89.29	86.99	2.30	0.830	2902 05
12/28/2002	2987.02	2989.43	T0C	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	T0C	82.00	101.50	89.06	89.05	0.01	0.830	2900 38
9/27/2005	2987.02	2989,43	TOC	82.00	101.50	88.95	88.85	0.10	0.830	2900.56
10/2/2005	2987.02	2989.43	TOC	82.00	101.50	88.85	88.75	0.10	0.830	2900.66
10/14/2005	2987.02	2989.43	тос	82.00	101.50	89.00	88.85	0.15	0.830	2900.55
10/17/2005	2987.02	2989.43	тос	82.00	101.50	89.00	88.95	0.05	0.830	2900.47
10/24/2005	2987.02	2989.43	T0C	82.00	101.50	88.97	88.80	0.17	0.830	2900.60
12/2/2005	2987.02	2989.43	TOC	82.00	101.50	88.80	88.70	0.10	0.830	2900.71
6/7/2008	2987.02	2989,43	TOC	82.00	101.50	87.61	87.61		0.830	2901.82
7/4/2008	2987.02	2989.43	T0C	82.00	101.50	87.57	87.57		0.830	2901.86
7/24/2008	2987.02	2989.43	T0C	82.00	101.50	87.77	87.77		0.830	2901.66
8/26/2008	2987.02	2989.43	10C	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	тос	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	T0C	82.00	101.50	88.05	88.03	0.02	0.830	2901.40
2/22/2010	2987.02	2989.43	тос	82.00	101.50	88.17	88.16	0.01	0.830	2901.27
6/28/2010	2987.02	2989.43	T0C	82.00	101.50	88.43	88.43		0.830	2901.00
10/23/2010	2987.02	2989.43	700	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	T0C	82.00	101.50	89.28	89.10	0.18	0.830	2900.30
12/31/2011	2987.02	2989.43	T0C	82.00	101.50	89.59	89.40	0.19	0.830	2900.00
3/31/2012	2987.02	2989.43	T0C	82.00	101.50	89.87	89.57	0:30	0.830	2899.81

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	Toc	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/4/1999	2987.91	2990.81	T0C	85.00	100.00	92.55	84.52	8.03	0.830	2904.93
2/22/1999	2987.91	2990.81	T0C	85.00	100.00	92.53	84.53	8.00	0.830	2904.92
3/11/1999	2987.91	2990.81	700	85.00	100.00	92.49	84.64	7.85	0.830	2904.84
3/24/1999	2987.91	2990.81	700	85.00	100.00	92.45	84.58	78.7	0.830	2904.89
3/31/1999	2987.91	2990.81	T0C	85.00	100.00	92.42	84.71	7.71	0.830	2904.79
4/2/1999	2987.91	2990.81	TOC	85.00	100.00	92.45	84.74	7.71	0.830	2904.76
7/15/1999	2987.91	2990.81	T0C	85.00	100.00	95.20	87.34	7.86	0.830	2902.13
8/7/1999	2987.91	2990.81	TOC	85.00	100.00	92.44	84.89	7,55	0.830	2904 64
8/14/1999	2987.91	2990.81	TOC	85.00	100.00	92.50	85.02	7.48	0.830	2904.52
8/22/1999	2987.91	2990.81	T0C	85.00	100.00	95.25	88.60	6.65	0.830	2901 08
9/1/1999	2987.91	2990.81	700	85.00	100.00	92.50	85.05	7.45	0.830	2904 49
9/11/1999	2987.91	2990.81	700	85.00	100.00	95.31	87.86	7.45	0.830	2901 68
9/16/1999	2987.91	2990.81	T0C	85.00	100.00	92.35	84.92	7.43	0.830	2904.63
9/25/1999	2987.91	2990.81	700	85.00	100.00	92.45	85.20	7.25	0.830	2904.38
10/2/1999	2987.91	2990.81	T0C	85.00	100.00	92.35	85.95	6.40	0.830	2903.77
10/9/1999	2987.91	2990.81	70C	85.00	100.00	94.93	87.63	7.30	0.830	2901.94
10/15/1999	2987.91	2990.81	тос	85.00	100.00	95.10	87.75	7.35	0.830	2901.81
10/21/1999	2987.91	2990.81	T0C	85.00	100.00	92.35	85.05	7.30	0.830	2904.52
10/26/1999	2987.91	2990.81	T0C	85.00	100.00	92.35	85.10	7.25	0.830	2904.48
8/2/2000	2987.91	2990.81	TOC	85.00	100.00	92.50	84.83	7.67	0.830	2904.68
11/24/2000	2987.91	2990.81	70C	85.00	100.00	92.31	87.10	5.21	0.830	2902.82
2/14/2001	2987.91	2990.81	700	85.00	100.00	88.82	88.80	0.02	0.830	2902.01
3/16/2001	2987.91	2990.81	700	85.00	100.00	96.90	91.10	5.80	0.830	2898.72
4/19/2001	2987.91	2990.81	202	85.00	100.00	96.40	91.00	5.40	0.830	2898.89
5/23/2001	2987.91	2990.81	700	85.00	100.00	93.70	88.10	5.60	0.830	2901.76
9/29/2001	2987.91	2990.81	202	85.00	100.00	94.20	88.45	5.75	0.830	2901.38
12/20/2001	2987.91	2990.81	20	85.00	100.00	97.20	91.35	5.85	0.830	2898.47
3/27/2002	2987.91	2990.81	T00	85.00	100.00	93.75	89.10	4.65	0.830	2900.92
6/26/2002	2987.91	2990.81	T0C	85.00	100.00	88.55	88.50	0.05	0.830	2902.30
12/28/2002	2987.91	2990.81	TOC	85.00	100.00	89.32	89.30	0.02	0.830	2901.51
9/22/2003	2987.91	2990.81	T0C	85.00	100.00	90.30	90.25	0.05	0.830	2900.55
12/22/2003	2987.91	2990.81	TOC	85.00	100.00	89.20	89.15	0.05	0.830	2901.65
6/26/2004	2987.91	2990.81	T0C	85.00	100.00	90.50	90.48	0.02	0.830	2900.33
6/9/2005	2987.91	2990.81	T0C	85.00	100.00	89.20	89.20		0.830	2901.61
9/8/2005	2987.91	2990.81	T0C	85.00	100.00	90.20	89.95	0.25	0.830	2900.82
9/27/2005	2987.91	2990.81	T0C	85.00	100.00	00.06	89.80	0.20	0.830	2900.98
10/2/2005	2987.91	2990.81	T0C	85.00	100.00	89.95	89.80	0.15	0.830	2900.98
10/14/2005	2987.91	2990.81	TOC	85.00	100.00	86.98	89.82	0.16	0.830	2900.96
10/17/2005	2987.91	2990.81	TOC	85.00	100.00	89.93	89.80	0.13	0.830	2900.99
10/24/2005	2987.91	2990.81	T0C	85.00	100.00	89.95	89.82	0.13	0.830	2900.97
12/2/2005	2987.91	2990.81	T0C	85.00	100.00	89.90	89.75	0.15	0.830	2901.03

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

	Application of			T			T						T				7				7	7
Corrected	GW Elev.	2900.75	2901.07	2900.71	2901.91	2902.46	2902.36	2902 40	2902.41	2902.47	2902.45	2902,19	2901.81	2901.71	2901.52	2901.30	2900.97	2900 90	2900.69	2900.63	2900.32	20.000
LNAPL	Spec.Grav.	0.830						0.830	0.830	0.830	0.830	0.830	0.830		0.830		0.830				0.830	0.830
LNAPL	Thickness	0.05															0.01				0.01	0.03
Depth	to LNAPL	90.05						88.41	88.40	88.34	88.36	88.62	89.00		89.29		89.84				90.49	90.74
nebtu	to GW	90.10	89.74	90.10	88.90	88.35	88.45	88.41	88.40	88.34	88.36	88.62	89.00	89.10	89.29	89.51	89.85	89.91	90.12	90.18	90.50	90 74
Deput of Screen	Bottom	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100 00
Debilio	Top	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
	Point	TOC	TOC	TOC	TOC	TOC	TOC	T0C	T0C	TOC	TOC	T0C	T0C	T0C	T0C	T0C	700	T0C	700	T0C	700	TOC
3	Elevation	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81	2990.81
	Elevation	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91	2987.91
	Date	1/10/2006	3/3/2006	9/8/2006	2/26/2008	6/16/2008	7/4/2008	7/24/2008	8/26/2008	12/8/2008	3/14/2009	6/29/2009	9/16/2009	12/20/2009	2/21/2010	6/28/2010	10/23/2010	1/19/2011	3/18/2011	6/18/2011	12/31/2011	3/31/2012

Sample	Grd. Surf.	700	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Battom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/4/1999	2988.22	2991.16	700	77.00	97.00	85.83				2905.33
2/22/1999	2988.22	2991.16	TOC	, 00.77	97.00	85.90				2905 26
3/11/1999	2988.22	2991.16	T0C	77.00	97.00	85.94				2905.22
4/7/1999	2988.22	2991.16	T0C	77.00	97 00	86.11				2905 05
5/3/1999	2988.22	2991.16	700	77.00	97.00	86.00	85.94	0.08	0.830	2905 21
5/10/1999	2988.22	2991.16	T0C	77.00	97.00	86.18	86.06	0.12	0.830	2905.08
5/18/1999	2988.22	2991.16	T0C	77.00	97.00	86.31	86.16	0.15	0.830	2904.97
5/24/1999	2988.22	2991.16	T00	77.00	97.00	86.30	86.14	0.16	0.830	2904.99
6/1/1999	2988.22	2991.16	T0C	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	T0C	77.00	97.00	86.08	85.87	0.21	0.830	2905.25
7/2/1999	2988.22	2991.16	тос	77.00	00'.76	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	07.00	200	26 46	000	0000	10100

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
7/26/1999	2988.22	2991.16	TOC	77.00	97.00	86.56	86.16	0.40	0.830	2904.93
8/7/1999	2988.22	2991.16	T0C	77.00	97.00	86.77	86.30	0.47	0.830	2904.78
8/14/1999	2988.22	2991.16	тос	77.00	97.00	86.89	86.31	0.58	0.830	2904.75
8/22/1999	2988.22	2991.16	T0C	77.00	97.00	86.91	86.26	0.65	0.830	2904.79
9/1/1999	2988.22	2991.16	T0C	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	T0C	77.00	97.00	87.06	86.26	0.80	0:830	2904.76
9/25/1999	2988.22	2991.16	T0C	77.00	97.00	87.11	86.20	0.91	0.830	2904.81
10/2/1999	2988.22	2991.16	700	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	700	77.00	97.00	87.16	86.11	1.05	0.830	2904.87
10/21/1999	2988.22	2991.16	T0C	77.00	97.00	87.41	86.21	1.20	0.830	2904.75
10/26/1999	2988.22	2991.16	T0C	77.00	97.00	87.43	86.19	1.24	0.830	2904.76
8/2/2000	2988.22	2991.16	T0C	77.00	97.00	89.21	86.32	2.89	0.830	2904.35
11/24/2000	2988.22	2991.16	TOC	77.00	97.00	90.46	88.26	2.20	0.830	2902.53
2/14/2001	2988.22	2991.16	T0C	77.00	97.00	89.46	88.71	0.75	0.830	2902.32
3/16/2001	2988.22	2991.16	700	77.00	97.00	92.70	91.65	1.05	0.830	2899.33
4/19/2001	2988.22	2991.16	700	77.00	97.00	93.30	91.50	1.80	0.830	2899.35
5/23/2001	2988.22	2991.16	700	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	T0C	77.00	97.00	94.80	90.80	4.00	0.830	2899.68
3/27/2002	2988.22	2991.16	TOC	77.00	97.00	92.06	88.26	3.80	0.830	2902.25
6/26/2002	2988.22	2991.16	TOC	77.00	97.00	88.31	88.26	0.05	0.830	2902.89
12/28/2002	2988.22	2991.16	T0C	77.00	97.00	90.38	90.36	0.02	0.830	2900.80
9/22/2003	2988.22	2991.16	T0C	00'22	97.00	90.46	90.44	0.02	0.830	2900.72
12/22/2003	2988.22	2991.16	700	00'22	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	T0C	77.00	97.00	91.85	91.80	0.05	0.830	2899.35
1/19/2005	2988.22	2991.16	T0C	77.00	97.00	91.56	91.55	0.01	0.830	2899.61
1/25/2005	2988.22	2991.16	T0C	77.00	97.00	91.36	91.35	0.01	0.830	2899.81
1/26/2005	2988.22	2991.16	тос	77.00	97.00	91.36	91.35	0.01	0.830	2899.81
2/7/2005	2988.22	2991.16	T0C	77.00	97.00	91.27	91.26	0.01	0.830	2899.90
2/16/2005	2988.22	2991.16	T0C	77.00	97.00	91.30	91.25	0.05	0.830	2899.90
3/16/2005	2988.22	2991.16	T0C	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	T00	77.00	97.00	90.70	90.70		0.830	2900.46
6/26/2005	2988.22	2991.16	TOC	77.00	97.00	99.06	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	70C	77.00	97.00	90.15	90.15		0:830	2901.01
10/2/2005	2988.22	2991 16	C	77.00					ı	
			3	00.77	97.00	90.05				2901.11

Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
10/17/2005	2988.22	2991.16	T0C	77.00	97.00	90.10				2901.06
10/24/2005	2988.22	2991.16	T0C	77.00	97.00	90.15				2901.01
12/2/2005	2988.22	2991.16	T0C	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	700	77.00	97.00	90.00				2901.16
4/12/2006	2988.22	2991.16	T0C	77.00	97.00	90.30				2900.86
5/30/2006	2988.22	2991.16	T0C	77.00	97.00	90.22				2900.94
11/8/2006	2988.22	2991.16	70C	77.00	97.00	99.06				2900.50
5/22/2007	2988.22	2991.16	T0C	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	T0C	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	T0C	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	ТОС	77.00	97.00	89.40				2901.76
2/22/2010	2988.22	2991.16	тос	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	T0C	77.00	97.00	90.15				2901.01
3/18/2011	2988.22	2991.16	70C	77.00	97.00	90.30				2900.86
6/18/2011	2988.22	2991.16	TOC	77.00	97.00	90.50				2900.66
12/31/2011	2988.22	2991.16	TOC	77.00	97.00	90.81	90.80	0.01	0.830	2900.36
3/31/2012	2988.22	2991.16	TOC	77.00	97.00	91.04	91.00	0.04	0.830	2900.15

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Sample	Grd. Surf.	100	Ref.	Depth c	Depth of Screen	nebiu	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/4/1999	2988.47	2991.38	T0C	80.00	95.00	86.03				2905.35
2/22/1999	2988.47	2991.38	T0C	80.00	95.00	86.07				2905.31
3/11/1999	2988.47	2991.38	T0C	80.00	95.00	86.21				2905.17
4/7/1999	2988.47	2991.38	700	80.00	95.00	86.25				2905.13
5/3/1999	2988.47	2991.38	T0C	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	T0C	80.00	95.00	86.35				2905.03
6661/9/	2988.47	2991.38	TOC	80.00	95.00	86.43				2904.95
8/14/1999	2988.47	2991.38	T0C	80.00	95.00	86.54				2904.84
9/16/1999	2988.47	2991.38	T0C	80.00	95.00	86.54				2904.84
10/19/1999	2988.47	2991.38	T0C	80.00	95.00	86.46				2904.92

Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	700	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/7/2000	2988.47	2991.38	T0C	80.00	95.00	86.69	. Alter			2904.69
8/2/2000	2988.47	2991.38	700	80.00	95.00	96.90				2904.48
11/24/2000	2988.47	2991.38	T0C	80.00	95.00	87.04				2904.34
2/21/2001	2988.47	2991.38	T0C	80.00	95.00	87.49				2903.89
3/16/2001	2988.47	2991.38	T0C	80.00	95.00	90.35				2901.03
4/19/2001	2988.47	2991.38	T0C	80.00	95.00	90.30				2901.08
5/23/2001	2988.47	2991.38	T0C	80.00	95.00	87.49				2903.89
9/29/2001	2988.47	2991.38	T0C	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	T0C	80.00	95.00	88.24				2903.14
6/26/2002	2988.47	2991.38	700	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	700	80.00	95.00	89.04				2902.34
3/22/2003	2988.47	2991.38	T0C	80.00	95.00	89.34				2902.04
6/18/2003	2988.47	2991.38	T0C	80.00	95.00	89.29				2902.09
9/22/2003	2988.47	2991.38	700	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	700	80.00	95.00	89.74				2901.64
6/26/2004	2988.47	2991.38	700	80.00	95.00	89.94				2901.44
12/19/2004	2988.47	2991.38	700	80.00	95.00	91.85				2899.53
1/19/2005	2988.47	2991.38	700	80.00	95.00	91.60				2899.78
1/25/2005	2988.47	2991.38	T0C	80.00	95.00	91.45				2899.93
1/26/2005	2988.47	2991.38	T0C	80.00	95.00	91.50				2899.88
2/7/2005	2988.47	2991.38	тос	80.00	95.00	91.35				2900.03
2/16/2005	2988.47	2991.38	T0C	80.00	95.00	91.40				2899.98
3/16/2005	2988.47	2991.38	T0C	80.00	95.00	91.10				2900.28
5/11/2005	2988.47	2991.38	T0C	80.00	95.00	90.85				2900.53
6/26/2005	2988.47	2991.38	700	80.00	95.00	90.65				2900.73
9/8/2005	2988.47	2991.38	700	80.00	95.00	90.30				2901.08
9/19/2005	2988.47	2991.38	T0C	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	70C	80.00	95.00	90.00				2901.38
1/10/2006	2988.47	2891.38	T0C	80.00	95.00	90.20				2901.18
3/3/2006	2988.47	2991.38	T0C	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	700	80.00	95.00	90.15				2901.23
6/3/2006	2988.47	2991.38	T0C	80.00	95.00	90.15				2901.23
9/8/2006	2988.47	2991.38	T0C	80.00	95.00	90.31				2901.07
11/7/2006	2988.47	2991.38	T0C	80.00	95.00	90.40				2900.98
2/23/2007	2988.47	2991.38	T0C	80.00	95.00	90.40				2900.98
5/21/2007	2988.47	2991.38	700	80.00	95.00	90.45				2900.93

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample Grd. Surf.	rf. TOC	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Elevation	on Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2988.47	7 2991.38	TOC	80.00	95.00	90.02				2901.36
2988.47	7 2991.38	2988.47	80.00	95.00	89.30				2902.08
2988.47	7 2991.38	T0C	80.00	95.00	88.80				2902.58
2988.47	7 2991.38	T0C	80.00	95.00	88.62				2902.76
2988.47	7 2991.38	T0C	80.00	95.00	88.70				2902 68
2988.47	7 2991.38	T0C	80.00	95.00	88.70				2902.68
2988.47	7 2991.38	T0C	80.00	95.00	88.70				2902 68
2988.47	7 2991.38	700	80.00	95.00	88.78				2902 60
2988.47	7 2991.38	T0C	80.00	95.00	88.78				2902.60
2988.47	7 2991.38	700	80.00	95.00	88.97				2902.41
9/17/2009 2988.47	7 2991.38	TOC	80.00	95.00	89.25				2902 13
12/20/2009 2988.47	7 2991.38	T0C	80.00	95.00	89.47				2901.91
2988.47	7 2991.38	TOC	80.00	95.00	89.60				2901.78
6/28/2010 2988.47	7 2991.38	T0C	80.00	95.00	89.87				2901.51
10/23/2010 2988.47	7 2991.38	700	80.00	95.00	90.12				2901.26
2988.47	7 2991.38	T0C	80.00	95.00	90.35				2901 03
2988.47	7 2991.38	T0C	80.00	95.00	90.54				2900 84
12/31/2011 2988,47	7 2991.38	T0C	80.00	95.00	90.86				2900.52
2988.47	7 2991.38	TOC	80.00	95.00	91.08				2900.30

Sample	Grd. Surf.	100	. Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Correcte
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elen
2/4/1999	2987.40	2990.17	T0C	80.00	95.00	87.01	84.72	2.29	0.830	2905.06
2/22/1999	2987,40	2990.17	700	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	T0C	80.00	95.00	88.48	85.16	3.32	0.830	2904.45
8/7/1999	2987.40	2990.17	T0C	80.00	95.00	69.06	85.76	4.93	0.830	2903.57
8/14/1999	2987.40	2990.17	T0C	80.00	95.00	86.06	84.98	00.9	0.830	2904.17
8/22/1999	2987.40	2990.17	T0C	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	90.9	0.830	2904.27
9/11/1999	2987.40	2990.17	тос	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	88.06	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	T0C	80.00	95.00	91.03	84.88	6.15	0.830	2904.24
8/2/2000	2987.40	2990.17	TOC	80.00	95.00	92.03	85.23	6.80	0.830	2903.78
11/24/2000	2987.40	2990.17	TOC	00.08	05.00	66 00	00.00	1		

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	T0C	Ref.	Depth c	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/14/2001	2987.40	2990.17	TOC	80.00	95.00	89.83	89.73	0.10	0.830	2900.42
3/16/2001	2987.40	2990.17	700	80.00	95.00	92.60	92.50	0.10	0.830	2897 65
4/19/2001	2987.40	2990.17	TOC	80.00	95.00	92.55	92.45	0.10	0.830	2897.70
5/23/2001	2987.40	2990.17	T0C	80.00	95.00	89.83	89.78	0.05	0.830	2900.38
9/29/2001	2987.40	2990.17	тос	80.00	95.00	89.73				2900.44
12/20/2001	2987.40	2990.17	TOC	80.00	95.00	92.15	92.10	0.05	0.830	2898.06
3/27/2002	2987.40	2990.17	T0C	80.00	95.00	89.53	89.51	0.02	0.830	2900.66
6/26/2002	2987.40	2990.17	700	80.00	95.00	89.78	89.73	0.05	0.830	2900 43
12/28/2002	2987.40	2990.17	TOC	80.00	95.00	89.65	89.63	0.02	0.830	2900.54
9/22/2003	2987.40	2990.17	TOC	80.00	95.00	91.43	88.33	3.10	0.830	2901.31
12/22/2003	2987.40	2990.17	700	80.00	95.00	89.28	89.23	0.05	0.830	2900 93
3/17/2004	2987.40	2990.17	тос	80.00	95.00	91.63	88.73	2.90	0.830	2900.95
6/26/2004	2987.40	2990.17	тос	80.00	95.00	90.38	90.35	0.03	0.830	2899.81
12/19/2004	2987.40	2990.17	TOC	80.00	95.00	92.20	91.28	0.92	0.830	2898.73
1/25/2005	2987.40	2990.17	TOC	80.00	95.00	91.05	90.95	0.10	0.830	2899.20
1/26/2005	2987.40	2990.17	TOC	80.00	95.00	91.07	90.97	0.10	0.830	2899.18
2/7/2005	2987.40	2990.17	700	80.00	95.00	91.00	90.85	0.15	0.830	2899.29
2/16/2005	2987.40	2990.17	70C	80.00	95.00	90.95	91.10		0.830	2899 22
3/16/2005	2987.40	2990.17	700	80.00	95.00	90.60	90.51	0.09	0.830	2899 64
5/11/2005	2987.40	2990.17	T0C	80.00	95.00	90.24	90.22	0.02	0.830	2899.95
6/9/2005	2987.40	2990.17	TOC	80.00	95.00	90.25	90.25		0.830	2899.92
6/26/2005	2987.40	2990.17	тос	80.00	95.00	90.21	90.20	0.01	0.830	2899.97
9/27/2005	2987.40	2990.17	T0C	80.00	95.00	89.85	89.70	0.15	0.830	2900.44
10/2/2005	2987.40	2990.17	TOC	80.00	95.00	89.80	89.65	0.15	0.830	2900.49
10/14/2005	2987.40	2990.17	T0C	80.00	95.00	89.60				2900,57
10/17/2005	2987.40	2990.17	700	80.00	95.00	89.73	89.59	0.14	0.830	2900.56
10/24/2005	2987.40	2990.17	TOC	80.00	95.00	89.77	89.60	0.17	0.830	2900.54
12/2/2005	2987.40	2990.17	TOC	80.00	95.00	89.60	89.50	0.10	0.830	2900.65
3/3/2006	2987.40	2990.17	70C	80.00	95.00	89.70	89.68	0.02	0.830	2900.49
4/12/2006	2987.40	2990.17	T0C	80.00	95.00	89.78				2900.39
5/30/2006	2987.40	2990.17	TOC	80.00	95.00	89.60				2900.57
6/7/2006	2987.40	2990.17	тос	80.00	95.00	89.62				2900.55
9/8/2006	2987.40	2990.17	TOC	80.00	95.00	89.85				2900.32
6/17/2008	2987.40	2990.17	T0C	80.00	95.00	88.30				2901.87
7/4/2008	2987.40	2990.17	TOC	80.00	95.00	88.25	88.25		0.830	2901.92
7/24/2008	2987.40	2990.17	T0C	80.00	95.00	88.18	88.18		0.830	2901.99
8/26/2008	2987.40	2990.17	TOC	80.00	95.00	88.07	88.07		0.830	2902.10
12/8/2008	2987.40	2990.17	T00	80.00	95.00	88.07	88.07		0.830	2902.10
3/14/2009	2987.40	2990.17	T0C	80.00	95.00	88.18	88.18		0.830	2901.99
6/29/2009	2987.40	2990.17	10C	80.00	95.00	88.32	88.32		0.830	2901.85
9/16/2009	2987.40	2990.17	TOC	80.00	95.00	88.67	88.67		0.830	2901.50

Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

MW-06

Sample	Grd. Surf.	T0C	Ref.	Depth o	f Screen	Depth	Depth	LNAPL		Corrected
Date	Elevation	Elevation	Point	Тор	Top Bottom to G	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/20/2009	2987.40	2990.17	700	80.00	95.00	88.78	-			2901.39
724/2010	2987.40	2990.17	T0C	80.00	95.00	89.01				2901 16
28/2010	2987.40	2990.17	700	80.00	95.00	89.20	89.17	0.03	0.830	2900 99
1/23/2010	2987.40	2990.17	T0C	80.00	95.00	89.61	89.54	0.07	0.830	2900.62
19/2011	2987.40	2990.17	T0C	80.00	95.00	89.50	89.48	0.02	0.830	20000
3/18/2011	2987.40	2990.17	T0C	80.00	95.00	89.69	89.66	0 03	0.830	2900 50
18/2011	2987.40	2990.17	TOC	80.00	95.00	89.85	89.81	0.04	0.830	2900.35
2/31/2011	2987.40	2990.17	T0C	80.00	95.00	90.17	90.07	0.10	0.830	2900 08
31/2012	2987.40	2990.17	TOC	80.00	95.00	90.42	90.26	0.16	0.830	2899 88

B MAIL A	2		

TOC 80.00 95.00 84.13 Infertness Spec.Gray. TOC 80.00 95.00 84.13 Infertness Spec.Gray. TOC 80.00 95.00 84.26 Infertness Spec.Gray. TOC 80.00 95.00 84.35 Infertness Infertness TOC 80.00 95.00 84.36 Infertness Infertness Infertness TOC 80.00 95.00 84.36 Infertness Infertness Infertness Infertness TOC 80.00 95.00 84.36 Infertness Infertness Infertness Infertness TOC 80.00 95.00 84.37 84.24 Infertness Infertness <td< th=""><th></th><th>TOC</th><th>Ref.</th><th>Depth o</th><th>Depth of Screen</th><th>Depth</th><th>Depth</th><th>LNAPL</th><th>LNAPL</th><th>Corrected</th><th></th></td<>		TOC	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected	
7 TOC 80.000 95.00 84.13 7 TOC 80.00 95.00 84.13 7 TOC 80.00 95.00 84.26 7 TOC 80.00 95.00 84.35 84.18 0.18 0.830 7 TOC 80.00 95.00 84.36 84.18 0.18 0.830 1.830 7 TOC 80.00 95.00 84.38 84.24 0.54 0.830 1.830	190	ation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.	
7 TOC 80,000 95,000 84,13 7 TOC 80,000 95,000 84,26 7 TOC 80,000 95,000 84,35 7 TOC 80,000 95,000 84,38 84,44 0.18 0.830 7 TOC 80,000 95,000 84,38 84,24 0.34 0.830 7 TOC 80,000 95,000 84,89 84,29 0.65 0.830 7 TOC 80,000 95,00 84,39 0.65 0.830 0.830 7 TOC 80,000 95,00 84,37 84,25 0.52 0.830 7 TOC 80,000 95,00 84,37 84,29 0.70 0.830 7 TOC 80,000 95,00 84,34 0.88 0.88 0.88 7 TOC 80,00 95,00 84,34 1.15 0.830 0.830 7 TOC 80,00	298	9.47	TOC	80.00	95.00	84.03				2905.44	
TOC 80.00 95.00 84.26 TOC 80.00 95.00 84.35 84.18 0.18 0.830 TOC 80.00 95.00 84.36 84.18 0.18 0.830 TOC 80.00 95.00 84.38 84.24 0.34 0.830 TOC 80.00 95.00 84.88 84.31 0.67 0.830 TOC 80.00 95.00 84.89 84.29 0.60 0.830 TOC 80.00 95.00 84.39 0.70 0.830 0.830 TOC 80.00 95.00 84.34 1.08 0.830 0.830 TOC 80.00 95.00 85.49 84.24 1.08 0.830 TOC 80.00 95.00 85.49 84.34 1.15 0.830 TOC 80.00 95.00 85.49 84.34 1.15 0.830 TOC 80.00 95.00 86.44 84.34 1.15 0.830 <td>298</td> <td>9.47</td> <td>700</td> <td>80.00</td> <td>95.00</td> <td>84.13</td> <td></td> <td></td> <td></td> <td>2905.34</td> <td></td>	298	9.47	700	80.00	95.00	84.13				2905.34	
TOC 80.00 95.00 84.35 84.18 0.18 0.830 TOC 80.00 95.00 84.36 84.18 0.18 0.830 TOC 80.00 95.00 84.36 84.24 0.34 0.830 TOC 80.00 95.00 84.89 84.24 0.65 0.830 TOC 80.00 95.00 84.77 84.29 0.60 0.830 TOC 80.00 95.00 84.31 8.429 0.70 0.830 TOC 80.00 95.00 84.31 8.429 0.70 0.830 TOC 80.00 95.00 84.31 83.43 0.88 0.830 TOC 80.00 95.00 85.32 84.24 1.15 0.830 TOC 80.00 95.00 85.43 84.34 1.15 0.830 TOC 80.00 95.00 86.44 84.34 1.38 0.830 TOC 80.00 95.00 86.44 <td>298</td> <td>9.47</td> <td>T0C</td> <td>80.00</td> <td>95.00</td> <td>84.26</td> <td></td> <td></td> <td></td> <td>2905.21</td> <td></td>	298	9.47	T0C	80.00	95.00	84.26				2905.21	
TOC 80.00 95.00 84.38 84.18 0.18 0.830 TOC 80.00 95.00 64.58 84.24 0.34 0.830 TOC 80.00 95.00 64.88 84.24 0.57 0.830 TOC 80.00 95.00 64.89 84.29 0.60 0.830 TOC 80.00 95.00 84.39 84.29 0.05 0.830 TOC 80.00 95.00 84.31 83.45 0.70 0.830 TOC 80.00 95.00 84.34 1.16 0.830 0.830 TOC 80.00 95.00 85.32 84.24 1.08 0.830 TOC 80.00 95.00 85.37 84.34 1.15 0.830 TOC 80.00 95.00 85.87 84.38 1.18 0.830 TOC 80.00 95.00 85.49 84.34 4.16 0.830 TOC 80.00 95.00 86.44 <td>298</td> <td>9.47</td> <td>700</td> <td>80.00</td> <td>95.00</td> <td>84.35</td> <td></td> <td></td> <td></td> <td>2905 12</td> <td></td>	298	9.47	700	80.00	95.00	84.35				2905 12	
TOC 80.00 95.00 84.58 84.24 0.34 0.830 TOC 80.00 95.00 64.88 84.31 0.67 0.830 TOC 80.00 95.00 64.89 84.29 0.60 0.830 TOC 80.00 95.00 64.77 84.29 0.05 0.830 TOC 80.00 95.00 84.31 83.43 0.88 0.830 TOC 80.00 95.00 84.31 83.43 0.88 0.830 TOC 80.00 95.00 85.32 84.24 1.08 0.830 TOC 80.00 95.00 85.32 84.24 1.15 0.830 TOC 80.00 95.00 85.37 84.34 1.15 0.830 TOC 80.00 95.00 85.87 84.38 1.18 0.830 TOC 80.00 95.00 85.43 84.36 1.85 0.830 TOC 80.00 95.00 86.44 <td>298</td> <td>9.47</td> <td>TOC</td> <td>80.00</td> <td>95.00</td> <td>84.36</td> <td>84.18</td> <td>0.18</td> <td>0.830</td> <td>2905.26</td> <td></td>	298	9.47	TOC	80.00	95.00	84.36	84.18	0.18	0.830	2905.26	
TOC 80.00 95.00 84.88 84.31 0.57 0.830 TOC 80.00 95.00 84.89 84.29 0.60 0.830 TOC 80.00 95.00 84.99 84.29 0.70 0.830 TOC 80.00 95.00 84.31 83.43 0.88 0.830 TOC 80.00 95.00 84.27 83.35 0.92 0.830 TOC 80.00 95.00 86.32 84.24 1.08 0.830 TOC 80.00 95.00 85.32 84.34 1.15 0.830 TOC 80.00 95.00 85.43 1.15 0.830 0.830 TOC 80.00 95.00 86.44 84.28 1.59 0.830 TOC 80.00 95.00 86.34 84.19 3.30 0.830 TOC 80.00 95.00 86.34 84.19 3.30 0.830 TOC 80.00 95.00 88.24 <td>296</td> <td>39.47</td> <td>200</td> <td>80.00</td> <td>95.00</td> <td>84.58</td> <td>84.24</td> <td>0.34</td> <td>0.830</td> <td>2905.17</td> <td></td>	296	39.47	200	80.00	95.00	84.58	84.24	0.34	0.830	2905.17	
TOC 80.00 96.00 84.89 84.29 0.60 0.830 TOC 80.00 95.00 84.99 84.29 0.70 0.830 TOC 80.00 95.00 84.99 84.29 0.70 0.830 TOC 80.00 95.00 84.31 83.43 0.88 0.830 TOC 80.00 95.00 86.32 84.24 1.08 0.830 TOC 80.00 95.00 86.32 84.34 1.15 0.830 TOC 80.00 95.00 86.49 84.34 1.15 0.830 TOC 80.00 95.00 86.49 84.34 1.15 0.830 TOC 80.00 95.00 86.44 84.28 1.56 0.830 TOC 80.00 95.00 86.44 84.29 1.86 0.830 TOC 80.00 95.00 86.44 84.34 1.38 0.830 TOC 80.00 95.00 86.44 <td>296</td> <td>39.47</td> <td>T0C</td> <td>80.00</td> <td>95.00</td> <td>84.88</td> <td>84.31</td> <td>0.57</td> <td>0.830</td> <td>2905.06</td> <td></td>	296	39.47	T0C	80.00	95.00	84.88	84.31	0.57	0.830	2905.06	
TOC 80.00 95.00 84.77 84.25 0.52 0.830 TOC 80.00 95.00 84.99 84.29 0.70 0.830 TOC 80.00 95.00 84.31 83.43 0.89 0.830 TOC 80.00 95.00 86.32 84.24 1.08 0.830 TOC 80.00 95.00 86.32 84.24 1.15 0.830 TOC 80.00 95.00 86.34 84.34 1.15 0.830 TOC 80.00 95.00 86.43 1.15 0.830 TOC 80.00 95.00 86.44 84.28 1.59 0.830 TOC 80.00 95.00 86.44 84.29 1.66 0.830 TOC 80.00 95.00 86.44 84.29 1.86 0.830 TOC 80.00 95.00 86.44 84.39 2.18 0.830 TOC 80.00 95.00 88.44 8.581 <td>298</td> <td>9.47</td> <td>TOC</td> <td>80.00</td> <td>95.00</td> <td>84.89</td> <td>84.29</td> <td>09:0</td> <td>0.830</td> <td>2905.08</td> <td></td>	298	9.47	TOC	80.00	95.00	84.89	84.29	09:0	0.830	2905.08	
TOC 80.00 95.00 84.99 84.29 0.70 0.830 TOC 80.00 95.00 84.31 83.43 0.88 0.880 TOC 80.00 95.00 84.27 83.35 0.92 0.830 TOC 80.00 95.00 86.32 84.24 1.08 0.830 TOC 80.00 95.00 85.72 84.34 1.15 0.830 TOC 80.00 95.00 86.43 1.15 0.830 1.80 TOC 80.00 95.00 86.14 84.28 1.59 0.830 TOC 80.00 95.00 86.44 84.29 1.66 0.830 TOC 80.00 95.00 86.44 84.29 1.86 0.830 TOC 80.00 95.00 86.44 84.31 2.63 0.830 TOC 80.00 95.00 87.44 84.14 3.63 0.830 TOC 80.00 95.00 88.24	298	9.47	TOC	80.00	95.00	84.77	84.25	0.52	0.830	2905.13	
TOC 80,00 95,00 84,31 83,43 0.88 0.88 TOC 80,00 95,00 84,27 83,35 0,92 0,830 TOC 80,00 95,00 86,32 84,24 1,08 0,830 TOC 80,00 95,00 85,43 1,15 0,830 TOC 80,00 95,00 85,72 84,34 1,15 0,830 TOC 80,00 95,00 86,14 84,28 1,59 0,830 TOC 80,00 95,00 86,54 84,29 1,86 0,830 TOC 80,00 95,00 86,94 84,19 2,18 0,830 TOC 80,00 95,00 86,44 84,19 3,30 0,830 TOC 80,00 95,00 86,44 84,19 3,30 0,830 TOC 80,00 95,00 88,49 4,10 0,830 TOC 80,00 95,00 88,49 85,81 2,85	298	9.47	TOC	80.00	95.00	84.99	84.29	0.70	0.830	2905.06	
TOC 80.00 95.00 84.27 83.35 0.92 0.830 TOC 80.00 95.00 86.32 84.24 1.09 0.830 TOC 80.00 95.00 86.49 84.34 1.15 0.830 TOC 80.00 95.00 86.72 84.34 1.38 0.830 TOC 80.00 95.00 86.14 84.29 1.56 0.830 TOC 80.00 95.00 86.14 84.29 1.65 0.830 TOC 80.00 95.00 86.94 84.19 2.18 0.830 TOC 80.00 95.00 86.94 84.19 2.63 0.830 TOC 80.00 95.00 87.49 44.10 0.830 0.830 TOC 80.00 95.00 88.24 85.81 2.56 0.830 TOC 80.00 95.00 88.49 4.25 0.830 TOC 80.00 95.00 88.49 83.84 <td>298</td> <td>9.47</td> <td>T0C</td> <td>80.00</td> <td>95.00</td> <td>84.31</td> <td>83.43</td> <td>0.88</td> <td>0.830</td> <td>2905.89</td> <td>1000</td>	298	9.47	T0C	80.00	95.00	84.31	83.43	0.88	0.830	2905.89	1000
TOC 80.00 95.00 86.32 84.24 1.08 0.830 TOC 80.00 95.00 86.49 84.34 1.15 0.830 TOC 80.00 95.00 86.72 84.34 1.38 0.830 TOC 80.00 95.00 86.14 84.28 1.59 0.830 TOC 80.00 95.00 86.14 84.29 1.86 0.830 TOC 80.00 95.00 86.94 84.36 2.18 0.830 TOC 80.00 95.00 86.94 84.19 2.63 0.830 TOC 80.00 95.00 87.49 84.19 3.30 0.830 TOC 80.00 95.00 88.24 84.94 4.10 0.830 TOC 80.00 95.00 88.49 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.80 0.830 TOC 80.00 95.00 88.49 <td>298</td> <td>9.47</td> <td>TOC</td> <td>80.00</td> <td>95.00</td> <td>84.27</td> <td>83.35</td> <td>0.92</td> <td>0.830</td> <td>2905.96</td> <td></td>	298	9.47	TOC	80.00	95.00	84.27	83.35	0.92	0.830	2905.96	
TOC 80.00 95.00 86.49 84.34 1.15 0.830 TOC 80.00 95.00 86.72 84.34 1.15 0.830 TOC 80.00 95.00 86.14 84.28 1.59 0.830 TOC 80.00 95.00 86.14 84.29 1.85 0.830 TOC 80.00 95.00 86.94 84.36 2.18 0.830 TOC 80.00 95.00 86.94 84.19 2.63 0.830 TOC 80.00 95.00 87.49 84.14 3.30 0.830 TOC 80.00 95.00 88.14 84.04 4.10 0.830 TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.49 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.86 0.830 TOC 80.00 95.00 88.49 <td>298</td> <td>9.47</td> <td>тос</td> <td>80.00</td> <td>95.00</td> <td>85.32</td> <td>84.24</td> <td>1.08</td> <td>0.830</td> <td>2905.05</td> <td></td>	298	9.47	тос	80.00	95.00	85.32	84.24	1.08	0.830	2905.05	
TOC 80.00 95.00 65.72 94.34 1.38 0.830 TOC 80.00 95.00 66.87 84.28 1.59 0.830 TOC 80.00 95.00 86.14 84.29 1.55 0.830 TOC 80.00 95.00 86.54 84.36 2.18 0.830 TOC 80.00 95.00 86.94 84.19 2.63 0.830 TOC 80.00 95.00 87.49 84.19 3.30 0.830 TOC 80.00 95.00 88.14 84.11 3.63 0.830 TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.60 0.830 TOC 80.00 95.00 88.64 83.84 4.90 0.830 TOC 80.00 95.00 88.64 <td>298</td> <td>39.47</td> <td>T0C</td> <td>80.00</td> <td>95.00</td> <td>85.49</td> <td>84.34</td> <td>1.15</td> <td>0.830</td> <td>2904.93</td> <td></td>	298	39.47	T0C	80.00	95.00	85.49	84.34	1.15	0.830	2904.93	
TOC 80.00 95.00 86.87 94.28 1.59 0.830 TOC 80.00 95.00 86.14 84.29 1.86 0.830 TOC 80.00 95.00 86.54 84.36 2.18 0.830 TOC 80.00 95.00 87.49 84.19 3.30 0.830 TOC 80.00 95.00 87.74 84.11 3.63 0.830 TOC 80.00 95.00 88.14 84.14 3.63 0.830 TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.60 0.830 TOC 80.00 95.00 88.64 83.84 4.90 0.830 TOC 80.00 95.00 88.64 83.84 4.90 0.830 TOC 80.00 95.00 88.64 <td>298</td> <td>19.47</td> <td>T0C</td> <td>80.00</td> <td>95.00</td> <td>85.72</td> <td>84.34</td> <td>1.38</td> <td>0.830</td> <td>2904.90</td> <td></td>	298	19.47	T0C	80.00	95.00	85.72	84.34	1.38	0.830	2904.90	
TOC 80.00 95.00 86.14 84.29 1.86 0.830 TOC 80.00 95.00 86.54 84.36 2.18 0.830 TOC 80.00 95.00 86.94 84.31 2.63 0.830 TOC 80.00 95.00 87.49 84.19 3.30 0.830 TOC 80.00 95.00 87.74 84.11 3.63 0.830 TOC 80.00 95.00 88.14 84.04 4.10 0.830 TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.69 <td>298</td> <td>9.47</td> <td>T0C</td> <td>80.00</td> <td>95.00</td> <td>85.87</td> <td>84.28</td> <td>1.59</td> <td>0.830</td> <td>2904.92</td> <td></td>	298	9.47	T0C	80.00	95.00	85.87	84.28	1.59	0.830	2904.92	
TOC 80.00 95.00 86.54 84.36 2.18 0.830 TOC 80.00 95.00 86.94 84.31 2.63 0.830 TOC 80.00 95.00 87.49 84.19 3.30 0.830 TOC 80.00 95.00 87.74 84.11 3.63 0.830 TOC 80.00 95.00 88.14 84.04 4.10 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.64 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.69 83.79 4.90 0.830	298	9.47	T0C	80.00	95.00	86.14	84.29	1.85	0.830	2904.87	
TOC 80.00 95.00 86.94 84.31 2.63 0.830 TOC 80.00 95.00 87.49 84.19 3.30 0.830 TOC 80.00 95.00 87.74 84.11 3.63 0.830 TOC 80.00 95.00 88.14 84.04 4.10 0.830 TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.69 83.79 4.90 0.830	298	39.47	TOC	80.00	95.00	86.54	84.36	2.18	0.830	2904.74	
TOC 80.00 95.00 87.49 84.19 3.30 0.830 TOC 80.00 95.00 87.74 84.11 3.63 0.830 TOC 80.00 95.00 88.14 84.04 4.10 0.830 TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830	298	39.47	700	80.00	95.00	86.94	84.31	2.63	0.830	2904.71	
TOC 80.00 95.00 87.74 84.11 3.63 0.830 TOC 80.00 95.00 88.14 84.04 4,10 0.830 TOC 80.00 95.00 88.24 83.99 4,25 0.830 TOC 80.00 95.00 88.34 85.81 2,53 0.830 TOC 80.00 95.00 88.49 83.84 4,65 0.830 TOC 80.00 95.00 88.64 83.84 4,80 0.830 TOC 80.00 95.00 88.64 83.84 4,80 0.830	298	19.47	700	80.00	95.00	87.49	84.19	3.30	0.830	2904.72	
TOC 80.00 95.00 88.14 84.04 4.10 0.830 TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.64 83.84 4.90 0.830	298	39.47	T0C	80.00	95.00	87.74	84.11	3.63	0.830	2904.74	
TOC 80.00 95.00 88.24 83.99 4.25 0.830 TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.69 83.79 4.90 0.830	298	19.47	T0C	80.00	95.00	88.14	84.04	4.10	0.830	2904.73	
TOC 80.00 95.00 88.34 85.81 2.53 0.830 TOC 80.00 95.00 88.49 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.69 83.79 4.90 0.830	298	9.47	T0C	80.00	95.00	88.24	83.99	4.25	0.830	2904.76	
TOC 80.00 95.00 88.49 83.84 4.65 0.830 TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.69 83.79 4.90 0.830	296	39.47	TOC	80.00	95.00	88.34	85.81	2.53	0.830	2903.23	
TOC 80.00 95.00 88.64 83.84 4.80 0.830 TOC 80.00 95.00 88.69 83.79 4.90 0.830	39	39.47	TOC	80.00	95.00	88.49	83.84	4.65	0.830	2904.84	
TOC 80.00 95.00 88.69 83.79 4.90 0.830	286	39.47	TOC	80.00	95.00	88.64	83.84	4.80	0.830	2904.81	
	298	9.47	T0C	80.00	95.00	88.69	83.79	4.90	0.830	2904.85	

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	700	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/4/1999	2987.97	2990.73	T0C	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	T0C	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	T0C	80.00	95.00	86.47	86.03	0.44	0.830	2904.63
4/2/1999	2987.97	2990.73	T0C	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	T0C	80.00	95.00	86.83	85.94	0.89	0.830	2904.64
4/19/1999	2987.97	2990.73	T0C	80.00	95.00	87.01	85.95	1.06	0.830	2904.60
4/26/1999	2987.97	2990.73	T0C	80.00	95.00	87.30	85.97	1.33	0.830	2904.53
5/3/1999	2987.97	2990.73	T0C	80.00	95.00	87.47	85.90	1.57	0.830	2904.56
5/10/1999	2987.97	2990.73	T0C	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	T0C	80.00	95.00	88.51	85.80	2.71	0.830	2904.47
6/14/1999	2987.97	2990.73	T0C	80.00	95.00	86.14	82.94	3.20	0.830	2907.25
6/22/1999	2987.97	2990.73	TOC	80.00	95.00	85.74	82.09	3.65	0.830	2908.02
7/2/1999	2987.97	2990.73	700	80.00	95.00	89.62	82.78	3.84	0.830	2904.30
7/6/1999	2987.97	2990.73	TOC	80.00	95.00	89.76	85.76	4.00	0.830	2904.29
7/13/1999	2987.97	2990.73	тос	90.00	95.00	89.92	85.84	4.08	0.830	2904.20
7/20/1999	2987.97	2990.73	ТОС	80.00	95.00	89.94	85.74	4.20	0.830	2904.28
7/26/1999	2987.97	2990.73	T0C	80.00	95.00	80.08	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	T0C	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	T0C	80.00	95.00	90.74	85.83	4.91	0.830	2904.07
8/25/1999	2987.97	2990.73	T0C	80.00	95.00	90.74	85.74	5.00	0.830	2904.14
10/2/1999	2987.97	2990.73	T0C	80.00	95.00	90.79	85.78	5.01	0.830	2904.10
10/9/1999	2987.97	2990.73	T0C	80.00	95.00	90.74	85.75	4.99	0.830	2904.13
10/15/1999	2987.97	2990.73	70C	80.00	95.00	90.89	85.74	5.15	0.830	2904.11
10/21/1999	2987.97	2990.73	T0C	80.00	95.00	91.04	86.77	4.27	0.830	2903.23
10/26/1999	2987.97	2990.73	T0C	80.00	95.00	91.09	85.77	5.32	0.830	2904.06
8/2/2000	2987.97	2990.73	70C	80.00	95.00	90.92	86.25	4.67	0.830	2903.69
11/24/2000	2987.97	2990.73	T0C	80.00	95.00	91.44	86.74	4.70	0.830	2903.19
2/14/2001	2987.97	2990.73	202	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	T0C	80.00	95.00	93.60	89.55	4.05	0.830	2900.49
5/23/2001	2987.97	2990.73	700	80.00	95.00	92.09	86.64	5.45	0.830	2903 16

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

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	Sample	Grd. Surf.	TOC	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
2887.97 2880.73 17CC 80,000 95,00 93.76 60,00 0620 2887.97 2880.73 17CC 80,000 95,00 93.76 96,95 56,00 0830 2887.97 2887.97 2887.97 2880.73 17CC 80,000 95,00 92.74 87.94 5.80 0.830 2887.97 2887.97 2890.73 17CC 80,000 95,00 92.74 87.94 5.85 0.830 2887.97 2897.97 2897.77 2897.77 190.77 80,00 95,00 92.74 98.44 3.75 0.830 2887.97 2897.77 2890.73 17CC 80,00 95,00 90.94			Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
1 2887.97 2880.73 10C 80,000 96,00 96.78 96.73 5.80 0.80 2.2887.97 2.2887.73 10C 80,000 96.00 92.78 87.34 5.50 0.80 2.2887.97 2.2887.73 10C 80,000 96.00 92.78 87.44 4.35 0.80 2.2887.97 2.2887.97 2.2887.97 2.2887.97 10C 80,000 96.00 92.78 88.44 4.35 0.80 2.2887.97 2.2887.97 2.2887.97 2.9887.97 10C 80,000 96.	9/29/2001	2987.97	2990.73	TOC	80.00	95.00	93.09	87.09	6.00	0.830	2902.62
2887.97 2886.73 17C 80.00 95.00 92.84 87.34 5.56 0.830 2887.97 2887.97 17C 80.00 95.00 92.79 87.44 5.56 0.830 2887.97 2897.73 17C 80.00 95.00 92.59 88.44 4.35 0.830 2887.97 2897.73 17C 80.00 95.00 92.59 88.44 4.35 0.830 2887.97 2897.73 17C 80.00 95.00 92.59 88.44 4.35 0.830 2887.97 2897.73 17C 80.00 95.00 95.00 90.44 3.66 0.830 2887.97 2897.73 17C 80.00 95.00 91.40 91.40 3.66 0.830 2887.97 2897.73 17C 80.00 95.00 91.40 91.35 0.01 0.830 2887.97 2897.73 17C 80.00 95.00 91.40 91.35 0.01 0.01	12/20/2001	2987.97	2990.73	TOC	80.00	95.00	95.75	89.95	5.80	0.830	2899.79
2987.97 2980.73 TOC 80.00 95.00 92.79 97.44 5.95 0.830 2987.97 229	3/27/2002	2987.97	2990.73	TOC	80.00	95.00	92.84	87.34	5.50	0.830	2902.46
2887.97 2880.73 TOC 80.00 95.00 92.79 8844 4.35 0.830 2.2847.97 2.2847.97 2.2847.97 2.2847.97 2.2867.97 10C 80.00 95.00 92.79 88.44 4.35 0.830 2.2847.97 2.2867.97 10C 80.00 95.00 92.79 88.44 4.35 0.830 2.2847.97 2.2867.97 2.2867.97 10C 80.00 95.00 91.44 89.04 2.40 0.830 2.2867.97 2.2867.97 2.2867.97 2.981.44 3.56 0.830 91.60 0.830 0.830 0.830 0.830 0.830 0.830 0.94 0	6/26/2002	2987.97	2990.73	TOC	80.00	95.00	92.79	87.44	5.35	0.830	2902.38
2 2887.97 2880.73 TOC 80.00 95.00 92.59 88.44 4.35 0.830 2 2867.97 22967.97 22967.97 250.00 95.00 96.50 96.59 184.4 43.75 0.830 2 2867.97 2 2867.97 2 2867.97 2 240 0.800 95.00 96.50 96.50 96.64 0.02 0.830 2 2867.97 2 2867.97 2 240 0.800 95.00 96.50 96.64 0.02 0.830 2 2867.97 2 2867.97 2 2867.97 2 240 0.800 96.00 91.92 0.01 0.830 2 2867.97 2 2867.97 2 2867.97 2 2867.97 91.20 0.01 0.830 91.60 91.80 0.01 0.830 0.01 0.830 0.01 0.01 0.830 0.94 0.01 0.830 0.01 0.01 0.830 0.01 0.01 0.830 0.01 0.01 0.830 0.01 0.01 0.01 0.01 0.01 0.01 0.	9/25/2002	2987.97	2990.73	T0C	80.00	95.00	93.84	87.99	5.85	0.830	2901.75
2987.97 2980.73 TOC 80.00 95.00 92.59 68.84 3.75 0.830 2987.97 2980.73 TOC 80.00 95.00 90.99 98.00 1.90 0.830 2887.97 2980.73 TOC 80.00 95.00 92.79 98.00 1.90 0.830 2887.97 2980.73 TOC 80.00 95.00 91.92 91.80 0.01 0.830 2887.97 2980.73 TOC 80.00 95.00 91.35 0.01 0.830 2887.97 2980.73 TOC 80.00 95.00 91.21 91.01 0.830 2887.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2887.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2887.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.030 2887.97	12/28/2002	2987.97	2990.73	тос	80.00	95.00	92.79	88.44	4.35	0.830	2901.55
2887.97 2980.73 TOC 60.00 95.00 90.89 69.09 1.90 0.830 2887.97 2980.73 TOC 60.00 95.00 91.44 88.04 2.40 0.830 2887.97 2280.73 TOC 60.00 95.00 91.64 2.40 0.830 2887.97 2280.73 TOC 60.00 95.00 91.60 91.24 98.04 0.01 0.830 2887.97 2280.73 TOC 60.00 95.00 91.60 91.30 0.01 0.830 2887.97 2280.73 TOC 60.00 95.00 91.21 91.30 0.01 0.830 2887.97 2380.73 TOC 60.00 95.00 91.21 91.20 0.01 0.830 2887.97 2380.73 TOC 60.00 95.00 91.21 91.20 0.01 0.830 2887.97 2380.73 TOC 60.00 95.00 90.94 0.01 0.01 0.03	3/22/2003	2987.97	2990.73	T0C	80.00	95.00	92.59	88.84	3.75	0.830	2901.25
2887.97 2890.73 TOC 80.00 95.00 91.44 99.04 2.40 0.830 2887.97 2890.73 TOC 80.00 95.00 91.24 99.44 0.02 0.830 2897.97 2890.73 TOC 80.00 95.00 91.92 90.44 0.02 0.830 2987.97 2890.73 TOC 80.00 95.00 91.82 90.44 0.02 0.830 2987.97 2890.73 TOC 80.00 95.00 91.82 90.44 0.01 0.830 2897.97 2890.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2897.97 2890.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2897.97 2890.73 TOC 80.00 95.00 90.95 0.01 0.830 2897.97 2890.73 TOC 80.00 95.00 90.95 0.01 0.01 0.830 2897	6/18/2003	2987.97	2990.73	T0C	80.00	95.00	90.99	89.09	1.90	0.830	2901.32
2887.87 2890.73 TOC 80.00 95.00 90.50 90.44 3.66 0.830 2987.87 2980.73 TOC 80.00 95.00 91.92 91.84 0.02 0.830 2987.87 2980.73 TOC 80.00 95.00 91.80 91.83 0.01 0.830 2987.87 2980.73 TOC 80.00 95.00 91.21 91.38 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.50 90.50 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.50 90.50 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.50 90.50 0.01 0.01	9/22/2003	2987.97	2990.73	TOC	80.00	95.00	91.44	89.04	2.40	0.830	2901.28
2887.97 28807.3 TOC 80.00 95.00 91.66 90.64 0.02 0.830 29887.97 29807.37 TOC 80.00 95.00 91.92 91.80 0.01 0.830 2987.97 29807.37 TOC 80.00 95.00 91.40 91.39 0.01 0.830 2987.97 29807.37 TOC 80.00 95.00 91.40 91.39 0.01 0.830 2987.97 29807.37 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2887.97 29807.37 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2887.97 29807.37 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2887.97 29807.37 TOC 80.00 95.00 90.65 0.01 0.830 2887.97 2890.73 TOC 80.00 95.00 90.65 0.01 0.01 0.830	12/22/2003	2987.97	2990.73	T0C	80.00	95.00	92.79	89.14	3.65	0.830	2900.97
2987.97 2980.73 TOC 80.00 95.00 91.60 91.69 91.69 01.12 0.830 2987.97 2987.87 2980.73 TOC 80.00 95.00 91.60 91.59 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 91.21 91.39 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.66 90.66 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.65 90.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.02	6/26/2004	2987.97	2990.73	70C	80.00	95.00	90.66	90.64	0.02	0.830	2900,09
2987.97 2980.73 TOC 80.00 95.00 91.65 91.56 0.01 0.830 2987.97 2987.37 TOC 80.00 95.00 91.46 91.35 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.66 90.84 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.03 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.830 2987.97 2980.73	12/19/2004	2987.97	2990.73	700	80.00	95.00	91.92	91.80	0.12	0.830	2898.91
2987.97 29967.37 TOC 80.00 95.00 91.36 91.35 0.041 0.880 2987.97 29967.37 TOC 80.00 95.00 91.40 91.39 0.041 0.880 2987.97 2990.73 TOC 80.00 95.00 91.21 91.30 0.041 0.880 2987.97 2990.73 TOC 80.00 95.00 90.65 90.94 0.041 0.880 2987.97 2990.73 TOC 80.00 95.00 90.66 90.65 0.041 0.880 2987.97 2990.73 TOC 80.00 95.00 90.66 90.65 0.041 0.880 2987.97 2990.73 TOC 80.00 95.00 90.66 90.66 0.01 0.03 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.041 0.880 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.041 0.880	1/19/2005	2987.97	2990.73	T0C	80.00	95.00	91.60	91.59	0.01	0.830	2899.14
2987.97 2990.73 TOC 80.00 95.00 91.40 91.39 0.01 0.830 2987.97 2997.37 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.97 2997.37 TOC 80.00 95.00 90.95 90.94 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 90.65 90.61 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 90.65 90.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 90.65 90.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 90.05 90.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.02	1/25/2005	2987.97	2990.73	T0C	80.00	95.00	91.36	91.35	0.01	0.830	2899 38
2987.37 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.37 2980.73 TOC 80.00 95.00 90.95 90.94 0.01 0.830 2987.37 2980.73 TOC 80.00 95.00 90.95 0.01 0.030 2987.37 2980.73 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2987.37 2980.73 TOC 80.00 95.00 90.66 90.66 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.16 0.01 0.830 2987.97 2980.73 TOC 8	1/26/2005	2987.97	2990.73	70C	80.00	95.00	91.40	91.39	0.01	0.830	2899 34
2987.97 2980.73 TOC 80.00 95.00 91.21 91.20 0.01 0.830 2987.97 2987.97 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2987.97 2987.97 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.97 2980.73 TOC 80.00 90.05 90.05 0.02 0.01 0.830	2/7/2005	2987.97	2990.73	T0C	80.00	95.00	91.21	91.20	0.01	0.830	2899.53
2987.37 2990.73 TOC 80.00 95.00 90.956 90.94 0.01 0.030 2987.37 2990.73 TOC 80.00 95.00 90.65 0.01 0.030 2987.37 2990.73 TOC 80.00 95.00 90.65 0.01 0.830 2987.37 2990.73 TOC 80.00 95.00 90.65 0.01 0.830 2987.37 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.37 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.37 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.37 2990.73 TOC 80.00 95.00 90.05 90.05 0.02 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	2/16/2005	2987.97	2990.73	T0C	80.00	95.00	91.21	91.20	0.01	0.830	2899.53
2987.37 2990.73 TOC 80.00 95.00 90.66 90.65 0.01 0.030 2987.37 2990.73 TOC 80.00 95.00 90.65 0.01 0.030 2987.37 2990.73 TOC 80.00 95.00 90.65 0.01 0.0830 2987.37 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.0830 2987.37 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.0830 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.0830 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.0830 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.0830 2987.97 2990.73 TOC 80.00 95.00 90.05 90.05 0.01 0.0830 2987.97	3/16/2005	2987.97	2990.73	TOC	80.00	95.00	90.95	90.94	0.01	0.830	2899.79
2987.37 2980.73 TOC 80.00 95.00 90.50 90.50 90.65 90.65 90.01 90.80 2987.37 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.37 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.0830 2987.37 2980.73 TOC 80.00 95.00 90.05 0.01 0.0830 2987.37 2980.73 TOC 80.00 95.00 90.05 0.01 0.0830 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.0830 2987.97 2980.73 TOC 80.00 95.00 90.05 0.01 0.0830 2987.97 2980.73 TOC 80.00 95.00 88.85 0.08 0.08 2987.97 2980.73 TOC 80.00 95.00 88.85 0.03 0.03 2987.97 2980.73 TOC <	5/11/2005	2987.97	2990.73	T0C	80.00	95.00	99.06	90.65	0.01	0.830	2900.08
2987.37 2980.73 TOC 80.00 95.00 90.66 90.65 0.01 0.830 2987.37 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.37 2980.73 TOC 80.00 95.00 90.05 90.05 0.01 0.830 2987.37 2980.73 TOC 80.00 95.00 90.05 0.01 0.0830 2987.37 2980.73 TOC 80.00 95.00 90.05 0.01 0.0830 0.0830 2987.37 2980.73 TOC 80.00 95.00 90.05 0.01 0.01 0.0830 2987.37 2980.73 TOC 80.00 95.00 80.05 88.85 0.05 0.0830 2987.37 2980.73 TOC 80.00 95.00 88.85 0.05 0.03 0.05 0.03 0.05 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.04 0.03 0.03<	6/9/2005	2987.97	2990.73	TOC	80.00	95.00	90.50	90.50		0.830	2900.23
2987.97 2980.73 TOC 80.00 95.00 90.05 <	6/26/2005	2987.97	2990.73	T0C	80.00	95.00	90.66	90.65	0.01	0.830	2900.08
2987.97 2980.73 TOC 80.00 95.00 90.05 <	9/8/2005	2987.97	2990.73	TOC	80.00	95.00	90.21	90.20	0.01	0.830	2900.53
2987.97 2980.73 TOC 80.00 95.00 90.05 2987.97 2980.73 TOC 80.00 95.00 90.10 90.01 2987.97 2980.73 TOC 80.00 95.00 90.05 90.00 2987.97 2980.73 TOC 80.00 95.00 90.00 90.00 2987.97 2980.73 TOC 80.00 95.00 90.00 90.00 2987.97 2980.73 TOC 80.00 95.00 88.85 88.85 2987.97 2980.73 TOC 80.00 95.00 88.80 88.85 2987.97 2980.73 TOC 80.00 95.00 88.85 0.05 0.830 2987.97 2980.73 TOC 80.00 95.00 88.85 0.05 0.830 2987.97 2980.73 TOC 80.00 95.00 88.85 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 88.85 0.01 <t< td=""><td>9/27/2005</td><td>2987.97</td><td>2990.73</td><td>700</td><td>80.00</td><td>95.00</td><td>90.05</td><td>90.05</td><td></td><td>0.830</td><td>2900.68</td></t<>	9/27/2005	2987.97	2990.73	700	80.00	95.00	90.05	90.05		0.830	2900.68
2987.97 2980.73 TOC 80.00 95.00 90.10 2987.97 2980.73 TOC 80.00 95.00 90.05 2987.97 2980.73 TOC 80.00 95.00 90.00 2987.97 2980.73 TOC 80.00 95.00 90.00 2987.97 2980.73 TOC 80.00 95.00 88.80 88.85 2987.97 2990.73 TOC 80.00 95.00 88.80 88.85 0.05 2987.97 2990.73 TOC 80.00 95.00 88.80 88.85 0.05 2987.97 2990.73 TOC 80.00 95.00 88.80 88.85 0.05 2987.97 2990.73 TOC 80.00 95.00 88.85 0.05 0.830 2987.97 2990.73 TOC 80.00 95.00 88.85 0.01 0.03 2987.97 2990.73 TOC 80.00 95.00 88.85 0.01 0.830	10/2/2005	2987.97	2990.73	T0C	80.00	95.00	90.05				2900.68
2987.97 29807.3 TOC 80.00 95.00 90.05 90.05 2987.37 2987.37 TOC 80.00 95.00 90.10 90.10 2987.37 2987.37 TOC 80.00 95.00 90.10 90.10 2987.37 2980.73 TOC 80.00 95.00 90.19 90.19 2987.37 2980.73 TOC 80.00 95.00 88.85 88.85 0.830 2987.37 2980.73 TOC 80.00 95.00 88.80 88.75 0.05 0.830 2987.97 2980.73 TOC 80.00 95.00 88.80 88.75 0.05 0.830 2987.97 2980.73 TOC 80.00 95.00 88.50 88.56 0.03 0.03 2987.97 2990.73 TOC 80.00 95.00 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 89.00 89.18 88.65 0.01 0.830	0/14/2005	2987.97	2990.73	TOC	80.00	95.00	90.10				2900.63
2987.97 2980.73 TOC 80.00 95.00 90.10 90.10 2987.97 2980.73 TOC 80.00 95.00 80.00 90.10 2987.97 2980.73 TOC 80.00 95.00 90.8 90.8 2987.97 2980.73 TOC 80.00 95.00 88.85 88.85 0.830 2987.97 2990.73 TOC 80.00 95.00 88.80 88.75 0.05 0.830 2987.97 2990.73 TOC 80.00 95.00 88.80 88.78 0.05 0.830 2987.97 2990.73 TOC 80.00 95.00 88.50 88.56 0.03 0.830 2987.97 2990.73 TOC 80.00 95.00 88.65 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 89.00 89.18 <td< td=""><td>0/17/2005</td><td>2987.97</td><td>2990.73</td><td>TOC</td><td>80.00</td><td>95.00</td><td>90.06</td><td></td><td></td><td></td><td>2900.68</td></td<>	0/17/2005	2987.97	2990.73	TOC	80.00	95.00	90.06				2900.68
2987.37 2980.73 TOC 80.00 95.00 89.00 90.28 2987.37 2990.73 TOC 80.00 95.00 90.28 88.85 88.85 88.85 2987.37 TOC 80.00 95.00 88.80 88.85 0.05 0.830 2987.97 2990.73 TOC 80.00 95.00 88.80 88.75 0.05 0.830 2967.97 2990.73 TOC 80.00 95.00 88.80 88.78 0.05 0.830 2967.97 2990.73 TOC 80.00 95.00 88.50 88.56 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 88.81 0.08 0.03 0.830 2987.97 2990.73	0/24/2005	2987.97	2990.73	TOC	80.00	95.00	90.10				2900.63
2987.97 2980.73 TOC 80.00 95.00 90.28 2987.97 2980.73 TOC 80.00 95.00 90.19 0.03 2987.97 2980.73 TOC 80.00 95.00 88.85 88.85 0.05 2987.97 2980.73 TOC 80.00 95.00 88.80 88.75 0.05 0.830 2987.97 2980.73 TOC 80.00 95.00 88.89 88.78 0.05 0.830 2987.97 2980.73 TOC 80.00 95.00 88.89 88.56 0.03 0.830 2987.97 2980.73 TOC 80.00 95.00 88.89 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 88.81 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00	12/2/2005	2987.97	2990.73	700	80.00	95.00	89.00				2901.73
2987.37 2990.73 TOC 80.00 95.00 90.19 90.19 2987.37 2990.73 TOC 80.00 95.00 88.85 88.85 0.05 0.830 2987.37 2990.73 TOC 80.00 95.00 88.80 88.75 0.05 0.830 2987.97 2990.73 TOC 80.00 95.00 88.85 0.03 0.830 2987.97 2990.73 TOC 80.00 95.00 88.56 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 88.85 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 88.81 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 89.81 88.81 0.08 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 0.08 0.08 0.830 2987.97 2990.73 TOC 80.00 8	1/10/2006	2987.97	2990.73	TOC	80.00	95.00	90.28				2900.45
2987.97 2980.73 TOC 80.00 95.00 88.85 88.85 0.0830 2987.97 2990.73 TOC 80.00 95.00 98.80 98.75 0.05 0.630 2987.97 2990.73 TOC 80.00 95.00 88.80 88.78 0.05 0.830 2987.97 2990.73 TOC 80.00 95.00 88.86 88.56 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 88.86 88.65 0.01 0.830 2987.97 2990.73 TOC 80.00 95.00 88.81 88.1 0.03 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 88.1 0.03 0.830 2987.97 2990.73 TOC 80.00 89.00 89.32 89.32 0.08 0.830 2987.97 2990.73 TOC 80.00 89.00 89.67 89.67 0.08 0.08 0.830	3/3/2006	2987.97	2990.73	T0C	80.00	95.00	90.19				2900.54
2987.37 2980.73 TOC 80.00 95.00 88.80 88.75 0.05 0.830 2987.37 2987.37 TOC 80.00 95.00 88.80 88.78 0.02 0.830 2987.37 TOC 80.00 95.00 88.59 88.56 0.01 0.830 2987.37 TOC 80.00 95.00 88.65 88.65 0.01 0.830 2987.37 TOC 80.00 95.00 88.65 88.65 0.01 0.830 2987.37 TOC 80.00 95.00 88.81 88.81 0.830 2987.37 TOC 80.00 95.00 89.18 88.81 0.830 2987.37 TOC 80.00 95.00 89.18 89.32 0.08 0.830 2987.37 TOC 80.00 95.00 89.61 89.67 0.830 0.830 2987.37 TOC 80.00 95.00 89.61 89.67 0.830 0.830	9/17/2008	2987.97	2990.73	TOC	80.00	95.00	88.85	88.85		0.830	2901.88
2987.37 2990.73 TOC 80.00 95.00 88.80 88.78 0.02 0.830 2987.37 2990.73 TOC 80.00 95.00 88.56 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 88.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 88.81 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 88.81 88.81 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 88.81 0.830 2987.97 2990.73 TOC 80.00 95.00 89.18 89.32 0.08 0.830 2987.97 2990.73 TOC 80.00 95.00 89.61 89.67 0.08 0.08 2987.97 2990.73 TOC 80.00 95.00 89.61 89.67 0.08 0.08	7/4/2008	2987.97	2990.73	тос	80.00	95.00	88.80	88.75	0.05	0.830	2901.97
2987.37 2980.73 TOC 80.00 95.00 88.56 0.03 0.0830 2987.37 2980.73 TOC 80.00 95.00 88.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 88.85 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 88.81 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 89.18 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 89.18 89.32 0.08 0.830 2987.97 2990.73 TOC 80.00 95.00 89.61 89.67 0.08 0.830 2987.97 2990.73 TOC 80.00 95.00 89.61 89.67 0.08 0.830	7/24/2008	2987.97	2990.73	TOC	80.00	95.00	88.80	88.78	0.02	0.830	2901.95
2987.97 2990.73 TOC 80.00 95.00 88.56 88.55 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 88.65 88.65 0.01 0.830 2987.97 2980.73 TOC 80.00 95.00 88.81 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 89.18 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 89.32 89.32 0.08 0.830 2987.97 2980.73 TOC 80.00 95.00 89.61 89.67 0.08 0.830 2987.97 2990.73 TOC 80.00 95.00 89.61 89.67 0.08 0.830	3/26/2008	2987.97	2990.73	200	80.00	95.00	88.59	88.56	0.03	0.830	2902.16
2987.97 2980.73 TOC 80.00 95.00 88.65 88.65 0.830 2987.97 2980.73 TOC 80.00 95.00 88.81 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 89.18 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 89.32 89.32 0.08 2987.97 2980.73 TOC 80.00 95.00 89.61 89.63 0.08 0.830 2987.97 2990.73 TOC 80.00 95.00 89.67 89.67 0.08 0.830	12/8/2008	2987.97	2990.73	70C	80.00	95.00	88.56	88.55	0.01	0.830	2902.18
2987.97 2980.73 TOC 80.00 95.00 88.81 88.81 0.830 2987.97 2980.73 TOC 80.00 95.00 89.18 0.83 0.830 2987.97 2980.73 TOC 80.00 95.00 89.32 89.32 0.08 2987.97 2980.73 TOC 80.00 95.00 89.61 89.63 0.08 0.830 2987.97 2990.73 TOC 80.00 95.00 89.67 89.67 0.830	3/14/2009	2987.97	2990.73	TOC	80.00	95.00	88.65	88.65		0.830	2902.08
2987.97 2980.73 TOC 80.00 96.00 89.18 0.830 2987.97 2980.73 TOC 80.00 96.00 89.32 89.32 0.830 2987.97 2980.73 TOC 80.00 96.00 89.61 89.63 0.08 0.830 2987.97 2980.73 TOC 80.00 96.00 89.67 89.67 0.830	9/29/2009	2987.97	2990.73	T0C	80.00	95.00	88.81	88.81		0.830	2901.92
2987.97 2980.73 TOC 80.00 96.00 89.32 89.32 0.830 2987.97 2980.73 TOC 80.00 96.00 89.61 89.53 0.08 0.830 2987.97 2980.73 TOC 80.00 96.00 89.67 89.67 0.830	9/17/2009	2987.97	2990.73	700	80.00	95.00	89.18				2901.55
2987.97 2990.73 TOC 80.00 95.00 89.61 89.53 0.08 0.08 2987.97 2980.73 TOC 80.00 95.00 89.67 89.67 0.830	2/20/2009	2987.97	2990.73	700	80.00	95.00	89.32	89.32		0.830	2901.41
2987.97 2990.73 TOC 80.00 95.00 89.67 89.67 0.830	2/22/2010	2987.97	2990.73	T0C	80.00	95.00	89.61	89.53	0.08	0.830	2901.19
2006	3/28/2010	2987.97	2990.73	TOC	80.00	95.00	89.67	89.67		0.830	2901.06

GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation Table 1

Jal, NM

MW-08

Sample	Grd. Surf.		Ref.		of Screen	Depth	Depth	LNAPL		Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	40)	GW Elev.
0/23/2010	2987.97		700		95.00	90.16	90.06	0.16	31	2900 70
1/19/2011	2987.97		T0C		95.00	90.10	89.98	0 14		200078
3/18/2011	2987.97		TOC		95.00	90.35	90.25	0.10		2000.13
3/18/2011	2987.97		T0C		95.00	90.47	90.35	0.12		2000
2/31/2011	2987.97		TOC		95.00	90.85	90.65	0.00		2000.00
1/31/2012	2987.97		700		95.00	91.15	90.84	0.31	0.830	2800.03

Elevation Elevation 2987.39 2990.31 2987.39	Sample	Grd. Surf.	10 0	Ref.	Depth	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
2987.39 2980.31 TOC 81.00 96.00 98.60 98.60 98.44 4.14 0.830 2987.39 2990.31 TOC 81.00 96.00 91.46 84.46 4.14 0.830 2987.39 2990.31 TOC 81.00 96.00 91.40 84.72 6.68 0.830 2987.39 2990.31 TOC 81.00 96.00 91.40 84.72 6.68 0.830 2987.39 2990.31 TOC 81.00 96.00 91.43 84.87 6.68 0.830 2987.39 2990.31 TOC 81.00 96.00 91.33 68.48 6.71 0.830 2987.39 2990.31 TOC 81.00 96.00 92.73 86.56 7.70 0.830 2987.39 2990.31 TOC 81.00 96.00 93.58 86.38 7.20 0.830 2987.39 2990.31 TOC 81.00 96.00 93.68 7.70 0.830	Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2987.39 2980.31 TOC 81,00 96,00 914.8 84,76 41,41 0.830 2987.39 2990.31 TOC 81,00 96,00 91,43 84,78 66,61 0.830 2987.39 2990.31 TOC 81,00 96,00 91,43 84,78 6,68 0.830 2987.39 2990.31 TOC 81,00 96,00 91,43 84,74 6,68 0.830 2987.39 2990.31 TOC 81,00 96,00 91,13 85,11 6,02 0.830 2987.39 2990.31 TOC 81,00 96,00 91,68 84,34 6,89 0.830 2987.39 2990.31 TOC 81,00 96,00 92,53 86,68 7.17 0.830 2987.39 2990.31 TOC 81,00 96,00 91,05 96,69 91,05 90,80 90,80 91,06 90,00 90,80 91,06 90,00 90,80 91,06 90,00 90,80	2/4/1999	2987.39	2990.31	70C	81.00	96.00	86.06	85.48	0.58	0.830	2904.73
2987.39 2990.31 TOC 81.00 96.00 91.48 84.77 67.71 0.830 2987.39 2990.31 TOC 81.00 96.00 91.40 84.72 6.68 0.830 2987.39 2990.31 TOC 81.00 96.00 91.40 84.72 6.68 0.830 2987.39 2990.31 TOC 81.00 96.00 91.43 86.41 6.68 0.830 2987.39 2990.31 TOC 81.00 96.00 91.43 86.43 5.02 0.830 2987.39 2990.31 TOC 81.00 96.00 91.63 86.56 7.17 0.830 2987.39 2990.31 TOC 81.00 96.00 93.58 86.58 7.17 0.830 2987.39 2990.31 TOC 81.00 96.00 91.66 90.80 90.80 90.80 90.80 90.80 90.80 90.80 90.80 90.80 90.80 90.80 90.80 90.80	2/22/1999	2987.39	2990.31	TOC	81.00	96.00	88.60	84.46	4.14	0.830	2905 15
2887.38 2980.31 TOC 81.00 96.00 91.43 64.78 6.66 0.830 2887.39 2980.31 TOC 81.00 96.00 91.40 84.72 6.68 0.830 2887.39 2980.31 TOC 81.00 96.00 91.52 84.87 6.71 0.830 2887.39 2980.31 TOC 81.00 96.00 91.53 85.43 5.00 0.830 2887.39 2980.31 TOC 81.00 96.00 92.63 86.48 6.89 0.830 2987.39 2980.31 TOC 81.00 96.00 93.68 86.88 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 93.68 86.88 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 93.78 86.88 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 93.78 86.88 7.20 0.830	3/11/1999	2987.39	2990.31	70C	81.00	96.00	91.48	84.77	6.71	0.830	2904 40
2987.39 2990.31 TOC 81.00 96.00 91.40 64.72 66.88 0.830 2987.39 2990.31 TOC 81.00 96.00 91.58 64.84 6.68 0.830 2987.39 2990.31 TOC 81.00 96.00 91.58 64.87 6.71 0.830 2987.39 2990.31 TOC 81.00 96.00 91.58 86.48 6.08 0.830 2987.39 2990.31 TOC 81.00 96.00 92.63 86.48 6.08 0.830 2987.39 2990.31 TOC 81.00 96.00 93.68 86.38 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 93.78 86.63 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 93.78 86.63 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 87.98 86.83 7.10 0.830	3/24/1999	2987.39	2990.31	T0C	81.00	96.00	91.43	84.78	6.65	0.830	2904 40
2987.39 2980.31 TOC 81.00 96.00 91.58 84.87 6.68 0.830 2987.39 2980.31 TOC 81.00 96.00 91.33 85.41 6.02 0.830 2987.39 2980.31 TOC 81.00 96.00 91.33 85.43 5.20 0.830 2987.39 2980.31 TOC 81.00 96.00 92.73 85.46 7.17 0.830 2987.39 2980.31 TOC 81.00 96.00 93.68 66.38 7.17 0.830 2987.39 2980.31 TOC 81.00 96.00 93.68 66.38 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 93.73 86.83 7.20 0.830 2987.39 2980.31 TOC 81.00 96.00 91.05 0.05 0.03 0.05 2987.39 2980.31 TOC 81.00 96.00 91.05 0.05 0.03 0.05 <	3/31/1999	2987.39	2990.31	T0C	81.00	96.00	91.40	84.72	6.68	0.830	2904 45
2987.39 2980.31 TOC 81.00 96.00 91.58 84.87 67.1 0.830 2987.39 2980.31 TOC 81.00 96.00 91.13 85.11 6.02 0.830 2987.39 2980.31 TOC 81.00 96.00 90.63 85.43 5.20 0.830 2987.39 2980.31 TOC 81.00 96.00 92.63 86.66 6.50 0.830 2987.39 2980.31 TOC 81.00 96.00 93.58 86.08 6.55 0.830 2987.39 2990.31 TOC 81.00 96.00 93.68 86.38 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 93.73 86.83 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 87.98 87.98 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 87.98 87.98 0.05 0.830	4/2/1999	2987.39	2990.31	T0C	81.00	96.00	91.52	84.84	6.68	0.830	25004 33
2987.39 2980.31 TOC 81.00 96.00 91.13 85.11 6.02 0.830 2987.39 2980.31 TOC 81.00 96.00 90.63 85.43 5.20 0.830 2987.39 2980.31 TOC 81.00 96.00 92.73 86.56 7.17 0.830 2987.39 2990.31 TOC 81.00 96.00 93.68 86.38 7.20 0.830 2987.39 2990.31 TOC 81.00 96.00 93.73 86.63 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 93.73 86.63 7.10 0.830 2987.39 2990.31 TOC 81.00 96.00 87.93 87.90 0.03 0.830 2987.39 2990.31 TOC 81.00 96.00 87.93 87.90 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.38 88.83 0.05 0.830	4/7/1999	2987.39	2990.31	700	81.00	96.00	91.58	84.87	6.71	0.830	2904.30
9 2987.39 2980.31 TOC 81.00 96.00 90.63 85.43 5.20 0.830 2987.39 2980.31 TOC 81.00 96.00 92.63 86.56 7.17 0.830 2987.39 2980.31 TOC 81.00 96.00 92.63 86.56 7.17 0.830 2987.39 2980.31 TOC 81.00 96.00 93.68 86.58 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 93.73 86.63 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 91.05 90.85 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 87.98 87.98 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 87.98 0.05 0.830 0.830 2987.39 2990.31 TOC 81.00 96.00 87.98 0.05 0.05 0.830	7/15/1999	2987.39	2990.31	700	81.00	96.00	91.13	85.11	6.02	0.830	2904 18
2987.39 2980.31 TOC 81,00 96,00 92.73 86.56 7.17 0.830 2987.39 2980.31 TOC 81,00 96,00 92.63 86.08 6.55 0.830 2987.39 2980.31 TOC 81,00 96,00 93.68 86.68 6.55 0.830 2987.39 2980.31 TOC 81,00 96,00 93.08 86.03 7.10 0.830 2987.39 2980.31 TOC 81,00 96,00 91.05 90.83 7.10 0.830 2987.39 2980.31 TOC 81,00 96,00 87.98 87.98 0.05 0.830 2987.39 2990.31 TOC 81,00 96,00 87.98 87.99 0.05 0.830 2987.39 2990.31 TOC 81,00 96,00 87.93 87.90 0.05 0.830 2987.39 2990.31 TOC 81,00 96,00 87.93 87.90 0.05 0.830	0/26/1999	2987.39	2990.31	TOC	81.00	96.00	90.63	85.43	5.20	0.830	2904 00
2987.39 2980.31 TOC 81.00 96.00 92.63 86.08 6.55 0.830 2987.39 2980.31 TOC 81.00 96.00 93.68 86.38 7.20 0.830 2987.39 2980.31 TOC 81.00 96.00 93.08 86.03 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 91.05 90.83 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 91.05 90.85 0.05 0.030 2987.39 2990.31 TOC 81.00 96.00 87.98 87.98 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 87.93 87.90 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 88.98 88.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 87.93 89.08 0.05 0.830	8/2/2000	2987.39	2990.31	T0C	81.00	96.00	92.73	85.56	7.17	0.830	2903.53
1 2987.39 2980.31 TOC 81.00 96.00 95.88 86.38 7.20 0.830 1 2387.39 2990.31 TOC 81.00 96.00 93.08 86.33 7.10 0.830 1 2387.39 2990.31 TOC 81.00 96.00 91.06 90.85 7.10 0.830 2 2987.39 2990.31 TOC 81.00 96.00 91.06 90.85 7.10 0.830 2 2897.39 2990.31 TOC 81.00 96.00 87.98 87.90 0.05 0.830 2 2897.39 2890.31 TOC 81.00 96.00 87.93 87.90 0.05 0.830 2 2887.39 2890.31 TOC 81.00 96.00 88.38 0.05 0.830 0.830 2 2887.39 2890.31 TOC 81.00 96.00 89.38 88.88 0.05 0.080 2 2887.39 2890.31 <td>1/24/2000</td> <td>2987.39</td> <td>2990.31</td> <td>T0C</td> <td>81.00</td> <td>96.00</td> <td>92.63</td> <td>86.08</td> <td>6.55</td> <td>0.830</td> <td>2903 12</td>	1/24/2000	2987.39	2990.31	T0C	81.00	96.00	92.63	86.08	6.55	0.830	2903 12
2987.39 2980.31 TOC 81.00 96.00 93.08 86.03 7.05 0.830 2987.39 2980.31 TOC 81.00 96.00 91.05 90.83 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 91.05 90.85 0.20 0.830 2987.39 2980.31 TOC 81.00 96.00 87.98 87.93 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 87.93 87.93 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 88.88 88.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.38 88.88 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.38 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 0.05 0.05 0.830 2987	2/14/2001	2987.39	2990.31	T0C	81.00	96.00	93.58	86.38	7.20	0.830	2902 71
2987.39 2980.31 TOC 81.00 96.00 93.73 86.63 7.10 0.830 2987.39 2980.31 TOC 81.00 96.00 91.06 90.85 0.20 0.830 2987.39 2980.31 TOC 81.00 96.00 87.98 87.93 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 87.93 87.90 0.03 0.830 2987.39 2990.31 TOC 81.00 96.00 88.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.38 89.88 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.48 88.98 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.89 90.45 0.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.05 0.05 0.830	5/23/2001	2987.39	2990.31	тос	81.00	96.00	93.08	86.03	7.05	0.830	2903.08
2987.39 2980.31 TOC 81.00 96.00 91.05 90.85 0.20 0.20 0.830 2987.39 2987.39 2980.31 TOC 81.00 96.00 87.98 87.93 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 87.93 87.90 0.03 0.830 2987.39 2990.31 TOC 81.00 96.00 88.88 88.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.23 89.08 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 99.38 88.98 4.20 0.830 2987.39 2990.31 TOC 81.00 96.00 90.83 90.55 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.15 0.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.05 <t< td=""><td>1/29/2001</td><td>2987.39</td><td>2990.31</td><td>700</td><td>81.00</td><td>96.00</td><td>93.73</td><td>86.63</td><td>7.10</td><td>0.830</td><td>2902.47</td></t<>	1/29/2001	2987.39	2990.31	700	81.00	96.00	93.73	86.63	7.10	0.830	2902.47
2987.39 2980.31 TOC 81.00 96.00 87.98 87.93 0.05 0.05 2987.39 2980.31 TOC 81.00 96.00 88.73 87.96 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 87.93 87.90 0.03 0.830 2987.39 2990.31 TOC 81.00 96.00 88.88 88.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.38 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.43 89.38 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.75 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.05 0.05 0.05 0.830	2/20/2001	2987.39	2990.31	700	81.00	96.00	91.05	90.85	0.20	0.830	2899.43
2987.39 2980.31 TOC 81.00 96.00 88.73 87.68 1.05 0.030 2987.39 2980.31 TOC 81.00 96.00 87.93 87.90 0.03 0.830 2987.39 2990.31 TOC 81.00 96.00 88.88 88.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 93.18 88.98 4.20 0.830 2987.39 2990.31 TOC 81.00 96.00 90.80 90.55 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.55 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.05 0.05 0.830 29	3/27/2002	2987.39	2990.31	TOC	81.00	96.00	87.98	87.93	0.05	0.830	2902.37
2987.39 2980.31 TOC 81.00 96.00 87.93 87.90 0.03 0.830 2987.39 2990.31 TOC 81.00 96.00 88.88 88.33 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 93.18 88.98 4.20 0.830 2987.39 2990.31 TOC 81.00 96.00 93.18 88.98 4.20 0.830 2987.39 2990.31 TOC 81.00 96.00 90.80 90.75 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.05	3/26/2002	2987.39	2990.31	TOC	81.00	96.00	88.73	87.68	1.05	0.830	2902.45
2987.39 2980.31 TOC 81.00 96.00 88.88 88.83 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 98.03 0.05 0.15 0.830 2987.39 2990.31 TOC 81.00 96.00 93.18 88.98 4.20 0.830 2987.39 2990.31 TOC 81.00 96.00 90.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.15 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.05 0.830 2987.	2/28/2002	2987.39	2990.31	TOC	81.00	96.00	87.93	87.90	0.03	0.830	2902.41
2987.39 2980.31 TOC 81.00 96.00 89.23 89.08 0.15 0.830 2987.39 2990.31 TOC 81.00 96.00 93.18 88.98 4.20 0.830 2987.39 2990.31 TOC 81.00 96.00 90.83 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.18 90.75 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.10 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.90 0.10 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.10 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.10 0.830	/22/2003	2987.39	2990.31	T0C	81.00	96.00	88.88	88.83	0.05	0.830	2901.47
2987.39 2980.31 TOC 81.00 96.00 93.18 88.98 4,20 0.830 2987.39 2980.31 TOC 81.00 96.00 89.43 89.38 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 90.80 90.75 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.10 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.90 89.89 0.10 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05	2/22/2003	2987.39	2990.31	70C	81.00	96.00	89.23	89.08	0.15	0.830	2901.20
2987.39 2980.31 TOC 81.00 96.00 89.43 89.38 0.05 0.65 0.830 2987.39 2980.31 TOC 81.00 96.00 90.80 90.75 0.05 0.630 2987.39 2980.31 TOC 81.00 96.00 90.10 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.00 89.96 89.96 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 89.90 89.86 0.10 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.35	117/2004	2987.39	2990.31	700	81.00	96.00	93.18	88.98	4.20	0.830	2900.62
2987.39 2980.31 TOC 81.00 96.00 90.80 90.75 0.05 0.630 2987.39 2980.31 TOC 81.00 96.00 90.18 90.15 0.03 0.830 2987.39 2980.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 89.90 89.86 0.10 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.08 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.08 2987.39 2990.31 TOC 81.00 96.00 90.30 90.25 0.05 0.05 0.	1/26/2004	2987.39	2990.31	700	81.00	96.00	89.43	89.38	0.05	0.830	2900.92
2987.39 2980.31 TOC 81.00 96.00 90.18 90.15 0.03 0.830 2987.39 2980.31 TOC 81.00 96.00 90.00 90.05 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 89.90 89.80 0.10 0.830 2987.39 2980.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 96.05 90.05 0.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 90.35 0.05 0.05 0.05 0.080	//26/2005	2987.39	2990.31	700	81.00	96.00	90.80	90.75	0.05	0.830	2899.55
2987.39 2980.31 TOC 81.00 96.00 90.10 90.05 0.05 0.0830 2987.39 2980.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 89.90 89.80 0.10 0.830 2987.39 2980.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 96.05 90.05 0.05 0.830 2987.39 2990.31 TOC 81.00 96.00 96.05 90.05 0.05 0.05 0.830	9/8/2005	2987.39	2990.31	700	81.00	96.00	90.18	90.15	0.03	0.830	2900.16
2987.39 2980.31 TOC 81.00 96.00 90.00 89.95 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 89.90 89.80 0.10 0.830 2987.39 2980.31 TOC 81.00 96.00 90.05 90.00 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 89.95 89.85 0.10 0.830 2987.39 2990.31 TOC 81.00 96.00 96.30 90.25 0.05 0.08	/27/2005	2987.39	2890.31	700	81.00	96.00	90.10	90.05	90.0	0.830	2900.25
2987.39 2980.31 TOC 81.00 96.00 90.00 89.80 89.80 0.10 0.830 2987.39 2980.31 TOC 81.00 96.00 89.90 89.80 0.10 0.03 0.830 2987.39 2980.31 TOC 81.00 96.00 89.96 89.85 0.10 0.830 2987.39 2990.31 TOC 81.00 96.00 96.30 90.25 0.05 0.830	0/2/2005	2987.39	2990.31	T0C	81.00	96.00	90.00	89.95	0.05	0.830	2900.35
2987.39 2980.31 TOC 81.00 96.00 89.90 89.80 0.10 0.05 2987.39 2980.31 TOC 81.00 96.00 90.05 90.05 0.05 0.830 2967.39 2980.31 TOC 81.00 96.00 89.95 89.85 0.10 0.830 2967.39 2980.31 TOC 81.00 96.00 90.30 90.25 0.05 0.830	3/14/2005	2987.39	2990.31	T0C	81.00	96.00	90.00				2900.31
2987.39 2980.31 TOC 81.00 96.00 90.05 90.05 0.05 0.05 0.830 2987.39 2980.31 TOC 81.00 96.00 89.95 89.85 0.10 0.630 2987.39 2980.31 TOC 81.00 96.00 90.30 90.25 0.05 0.830	0/17/2005	2987.39	2990.31	T0C	81.00	96.00	89.90	08'68	0.10	0.830	2900.49
2987.39 2980.31 TOC 81.00 96.00 89.95 89.85 0.10 0.0830 2987.39 2980.31 TOC 81.00 96.00 90.30 90.25 0.05 0.830	3/24/2005	2987.39	2990.31	T0C	81.00	96.00	90.06	00.06	0.05	0.830	2900.30
2987.39 2990.31 TOC 81.00 96.00 90.30 90.25 0.05 0.830	2/2/2005	2987.39	2990.31	T0C	81.00	96.00	89.95	89.85	0.10	0.830	2900.44
	/10/2006	2987.39	2990.31	700	81.00	96.00	90.30	90.25	0.05	0.830	2900.05

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Sample	Grd. Surf.	700	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
3/3/2006	2987.39	2990.31	70C	81.00	96.00	90.25	90.15	0.10	0.830	2900.14
4/12/2006	2987.39	2990.31	T0C	81.00	96.00	90.45	90.38	0.07	0.830	2899.92
5/30/2006	2987.39	2990.31	T0C	81.00	96.00	90.11	90.07	0.04	0.830	2900.23
9/6/2006	2987.39	2990.31	T0C	81.00	96.00	90.11	20.09	0.04	0.830	2900.23
9/8/2006	2987.39	2990.31	T0C	81.00	96.00	90.15	90.10	0.05	0.830	2900,20
11/8/2006	2987.39	2990.31	700	81.00	96.00	90.41	90.40	0.01	0.830	2899.91
2/23/2007	2987.39	2990.31	T0C	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	T0C	81.00	96.00	88.70	88.70		0.830	2901.61
7/4/2008	2987.39	2990.31	TOC	81.00	96.00	88.65	88.65		0.830	2901.66
7/24/2008	2987.39	2990.31	тос	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	T0C	81.00	96.00	88.50	88.50		0.830	2901.81
3/14/2009	2987.39	2990.31	T0C	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	T0C	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	T0C	81.00	96.00	89.21				2901.10
6/28/2010	2987.39	2990.31	700	81.00	96.00	89.50	89.50		0.830	2900.81
10/23/2010	2987.39	2990.31	T0C	81.00	96.00	89.80				2900.51
3/18/2011	2987.39	2990.31	T0C	81.00	96.00	90.06				2900.25
6/18/2011	2987,39	2990.31	T0C	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	T0C	81.00	96.00	90.64	90.63	10.0	0.830	2899.68

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Sample	Grd. Surf.	700	Ref.	Depth of Screen	f Screen	nebtu	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/4/1999	2987.96	2990.84	T0C	81.00	96.00	85.73		No. of Lot, Lot, Lot, Lot, Lot, Lot, Lot, Lot,	ļ	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	T0C	81.00	96.00	85.81				2905.03
6/8/1999	2987.96	2990.84	тос	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	T0C	81.00	96.00	86.22				2904.62

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

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Sample	Grd. Surf.	TOC	Ref.	Depth o	Depth of Screen	Depth to GW	Depth	LNAPL	Snec Grav	Corrected
10/19/1999	2987.96	2990.84	700	81.00	96.00	86.17				2904 R7
2/7/2000	2987.96	2990.84	100	81.00	00 96	86.37				2004.01
8/2/2000	2987.96	2990.84	700	81.00	96.00	86.57				204.02
11/24/2000	2987.96	2990.84	T0C	81.00	00'96	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	T0C	81.00	96.00	89.95				2900.89
4/19/2001	2987.96	2990.84	T0C	81.00	96.00	89.55				2901.29
5/23/2001	2987.96	2990.84	T0C	81.00	96.00	87.57	87.07	0.50	0.830	2903.69
9/29/2001	2987.96	2990.84	70C	81.00	96.00	91.37	86.87	4.50	0.830	2903.21
12/20/2001	2987.96	2990.84	T0C	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	70C	81.00	96.00	91.62	87.47	4.15	0.830	2902.66
12/28/2002	2987.96	2990.84	70C	81.00	96.00	90.62	88.27	2.35	0.830	2902.17
3/22/2003	2987.96	2990.84	T0C	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	T0C	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	тос	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	тос	81.00	96.00	91.36	91.35	0.01	0.830	2899.49
1/25/2005	2987.96	2990.84	T0C	81.00	96.00	91.16	91.15	0.01	0.830	2899.69
1/26/2005	2987.96	2990.84	T0C	81.00	96.00	91.22	91.21	0.01	0.830	2899.63
2/7/2005	2987.96	2990.84	T0C	81.00	96.00	91.01	91.00	0.01	0.830	2899.84
2/16/2005	2987.96	2990.84	T0C	81.00	96.00	91.09	91.08	0.01	0.830	2899.76
3/16/2005	2987.96	2990.84	100	81.00	96.00	90.75	90.74	0.01	0.830	2900.10
5/11/2005	2987.96	2990.84	100	81.00	96.00	99'06	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	T0C	81.00	96.00	90.01	90.00	0.01	0.830	2900.84
9/27/2005	2987.96	2990.84	тос	81.00	96.00	89.85	89.85		0.830	2900.99
10/2/2005	2987.96	2990.84	TOC	81.00	96.00	89.80				2901.04
10/14/2005	2987.96	2990.84	TOC	81.00	96.00	89.89				2900.95
10/17/2005	2987.96	2990.84	тос	81.00	96.00	89.84				2901.00
10/24/2005	2987.96	2990.84	700	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	T0C	81.00	96.00	89.95				2900.89
3/3/2006	2987.96	2990.84	70C	81.00	96.00	89.85				2900.99
4/12/2006	2987.96	2990.84	70C	81.00	96.00	90.00				2900.84
5/30/2006	2987.96	2990.84	700	81.00	96.00	89.95				2900.89
6/4/2006	2987.96	2990.84	700	81.00	96.00	89.80				2901.04

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
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	T0C	81.00	96.00	90.15				2900.69
5/22/2007	2987.96	2990.84	T0C	81.00	96.00	90.24				2900.60
8/21/2007	2987.96	2990.84	T0C	81.00	96.00	89.82				2901.02
11/6/2007	2987.96	2990.84	2987.96	81.00	00.96	89.27				2901.57
3/4/2008	2987.96	2990.84	T0C	81.00	96.00	88.62				2902.22
6/15/2008	2987.96	2990.84	T0C	81.00	00'96	88.42				2902.42
7/4/2008	2987.96	2990.84	T0C	81.00	96.00	88.45				2902.39
7/24/2008	2987.96	2990.84	T0C	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	T0C	81.00	96.00	88.37				2902.47
3/14/2009	2987.96	2990.84	T0C	81.00	96.00	88.50				2902.34
6/29/2009	2987.96	2990.84	T0C	81.00	96.00	88.67				2902.17
9/17/2009	2987.96	2990.84	700	81.00	96.00	88.98	88.98		0.830	2901.86
12/20/2009	2987.96	2990.84	T0C	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	T0C	81.00	96.00	89.75				2901.09
3/18/2011	2987,96	2990.84	тос	81.00	96.00	90.02				2900.82
6/18/2011	2987.96	2990.84	T0C	81.00	96.00	90.23				2900.61
12/31/2011	2987.96	2990.84	T0C	81.00	96.00	90.57				2900.27
3/31/2012	2987.96	2990.84	700	81.00	96.00	90.76	90.75	0.01	0.830	2900.09

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Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/4/1999	2989.37	2992.30	70C	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	T0C	83.00	98.00	87.60				2904.70
4/7/1999	2989.37	2992.30	T0C	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	T0C	83.00	98.00	87.78				2904.54
7/6/1999	2989.37	2992.30	70C	83.00	98.00	87.84				2904.46
8/14/1999	2989.37	2992.30	TOC	83.00	98.00	87.98				2904.32
9/16/1999	2989.37	2992.30	TOC	83.00	98.00	87.61				2904.69
10/19/1999	2989.37	2992.30	TOC	83.00	98.00	87.66				2904.64
2/7/2000	2989.37	2992.30	70C	83.00	98.00	87.52				2904.78
8/2/2000	2989.37	2992.30	T0C	83.00	98.00	87.65				2904.65
11/24/2000	2989.37	2992.30	T0C	83.00	98.00	87.87				2904.43

Jal, NM

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Corrected	GW Elev.	2903.98	2900.90	2900.95	2903.78	2903.73	2900.50	2903.13	2902.93	2902.48	2902.23	2901.83	2901.83	2902.73	2901.48	2901.48	2901.33	2899.05	2899.30	2899.55	2899.50	2899.60	2899.55	2899.85	2900.15	2900.30	2900.65	2900.75	2900.99	2901.12	2900.95	2900.95	2900.85	2900.95	2901.00	2900.85	2900.75	2900.73	2900.70	2901.03	2901.60	2902.24
LNAPL	Spec.Grav.																																									
LNAPL	Thickness																																									
Depth	to LNAPL																																									
Depth	to GW	88.32	91.40	91.35	88.52	88.57	91.80	89.17	89.37	89.82	90.07	90.47	90.47	89.57	90.82	90.82	20.97	93.25	93.00	92.75	92.80	92.70	92.75	92.45	92.15	92.00	91.65	91.55	91.31	91.18	91.35	91.35	91.45	91.35	91.30	91.45	91.55	91.57	91.60	91.27	90.70	90.06
Screen	Bottom	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	00'86	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00
Depth of Screen	Top	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00
Ref.	Point	700	700	T0C	T0C	T0C	TOC	700	T0C	TOC	T0C	T0C	TOC	TOC	TOC	T0C	T0C	TOC	TOC	700	700	TOC	T0C	TOC	тос	700	T0C	T0C	T0C	T0C	T0C	700	700	T0C	TOC	TOC	TOC	TOC	70C	T0C	2987.37	тос
T0C	Elevation	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30
Grd. Surf.	Elevation	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37
Sample	Date	2/14/2001	3/16/2001	4/19/2001	5/23/2001	9/29/2001	12/20/2001	3/27/2002	6/26/2002	9/25/2002	12/28/2002	3/22/2003	6/18/2003	9/22/2003	12/22/2003	3/17/2004	6/26/2004	12/19/2004	1/19/2005	1/25/2005	1/26/2005	2/7/2005	2/16/2005	3/16/2005	5/11/2005	6/26/2005	9/8/2005	9/19/2005	10/17/2005	12/2/2005	1/10/2006	3/3/2006	4/12/2006	5/30/2006	6/3/2006	9/8/2006	11/7/2006	2/23/2007	5/21/2007	8/21/2007	11/3/2007	2/27/2008

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Corrected	GW Elev.	2902.50	2902.43	2902.49	2902.48	2902.35	2902.35	2902.25	2901.95	2901.78	2901.65	2901.38	2901.12	2900.79	2900.70	2900.37	2900.14
LNAPL	Spec.Grav.																
LNAPL	Thickness																
Depth	to LNAPL																
Depth	to GW	89.80	89.87	89.81	89.82	89.95	89.95	90.06	90.35	90.52	90.65	90.92	91.18	91.51	91.60	91.93	92.16
Screen	Bottom	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00
Depth of Screen	Top	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00
Ref.	Point	T0C	T0C	TOC	TOC	ТОС	TOC	Toc	TOC	T0C	70C	100	T0C	TOC	тос	T0C	T0C
100	Elevation	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2892.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30	2992.30
Grd. Surf.	Elevation	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37	2989.37
Sample	Date	6/13/2008	7/4/2008	7/24/2008	8/25/2008	12/6/2008	3/12/2009	6/29/2009	9/17/2009	12/20/2009	2/20/2010	6/28/2010	10/23/2010	3/18/2011	6/18/2011	12/31/2011	3/31/2012

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Sample	Grd. Surf.	700	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/4/1999	2987.79	2990.99	T0C	81.00	96.00	86.52			4	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	T0C	81.00	96.00	86.38				2904.61
4/7/1999	2987.79	2990.99	T0C	81.00	96.00	86.46				2904.53
5/3/1999	2987.79	2990.99	T0C	81.00	96.00	86.36				2904.63
6/8/1999	2987.79	2990.99	T0C	81.00	96.00	86.55				2904.44
6/22/1999	2987.79	2990.99	700	81.00	96.00	86.55				2904.44
7/6/1999	2987.79	2990.99	T0C	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	T0C	81.00	96.00	86.71				2904.28
10/19/1999	2987.79	2990.99	T0C	81.00	96.00	86.72				2904.27
2/7/2000	2987.79	2990.99	T0C	81.00	96.00	86.80				2904.19
8/2/2000	2987.79	2990.99	T0C	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	T0C	81.00	96.00	91.65	86.95	4.70	0.830	2903.24
9/29/2001	2987.79	2990.99	T0C	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	T0C	81.00	96.00	92.95	87.70	5.25	0.830	2902.40

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

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Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPI	Thickness	Sner Grev	CW Elex
6/26/2002	2987.79	2990.99	100	81.00	96.00	92.40	87 70	4 70	0.830	2000 40
9/25/2002	2987.79	2990.99	Toc	81 00	96.00	92 90	5 2 2	2 6	0.000	2002.49
12/28/2002	2987.79	2990.99	T00	81.00	96.00	92.65	88 40	4.25	0.830	2002.07
3/22/2003	2987.79	2990.99	700	81.00	96.00	92.90	88.90	4 00	0.830	2901.01
6/18/2003	2987.79	2990.99	70C	81.00	96.00	92.90	88.90	4.00	0.830	2901.41
9/22/2003	2987.79	2990.99	T0C	81.00	96.00	91.50	89.05	2.45	0.830	2901.52
12/22/2003	2987.79	2990.99	T0C	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	T0C	81.00	96.00	93.15	92.65	0.50	0.830	2898.25
1/25/2005	2987.79	2990.99	T0C	81.00	96.00	92.95	92.40	0.55	0.830	2898.50
1/26/2005	2987.79	2990.99	T0C	81.00	96.00	92.90	92.45	0.45	0:830	2898,46
2/7/2005	2987.79	2990.99	T0C	81.00	96.00	92.80	92.30	0.50	0.830	2898,60
2/16/2005	2987.79	2990.99	700	81.00	96.00	92.90	92.45	0.45	0.830	2898.46
3/16/2005	2987.79	2990.99	700	81.00	96.00	92.65	92.08	0.57	0.830	2898.81
5/11/2005	2987.79	2990.99	T0C	81.00	00:96	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	T0C	81.00	96.00	91.05	90.94	0.11	0.830	2900.03
10/24/2005	2987.79	2990.99	700	81.00	96.00	91.15	91.00	0.15	0.830	2899.96
12/2/2005	2987.79	2990.99	T0C	81.00	96.00	90.90	90.80	0.10	0.830	2900.17
6/17/2008	2987.79	2990.99	T0C	81.00	96.00	89.75	89.75		0.830	2901.24
7/4/2008	2987.79	2990.99	700	81.00	96.00	89.70	89.70		0.830	2901.29
7/24/2008	2987.79	2990.99	T0C	81.00	96.00	89.64	89.64		0.830	2901.35
8/26/2008	2987.79	2990.99	T0C	81.00	96.00	89.45	89.45		0.830	2901.54
12/8/2008	2987.79	2990.99	T0C	81.00	96.00	89.60	89.47	0.13	0.830	2901.50
3/14/2009	2987.79	2990.99	700	81.00	96.00	89.57	89.45	0.12	0.830	2901.52
6/29/2009	2987.79	2990.99	T0C	81.00	96.00	89.70	89.55	0.15	0.830	2901.41
9/17/2009	2987.79	2990.99	T0C	81.00	00.96	90.05	89.86	0.19	0.830	2901.10
12/20/2009	2987.79	2990.99	T0C	81.00	96.00	90.30	89.97	0.33	0.830	2900.96
2/24/2010	2987.79	2990.99	T0C	81.00	96.00	90.40	20.06	0.33	0.830	2900.86
6/28/2010	2987.79	2990.99	T0C	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	T0C	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	T0C	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	T0C	81.00	96.00	91.65	91.58	0.07	0.830	2899.40
3/31/2012	2987.79	2990.99	70C	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

2989.79 2989.79	2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97 2992.97	201 201 201 201 201 201 201 201 201 201	85 65 65 65 65 65 65 65 65 65 65 65 65 65	100.65 10	88.28 88.42 88.42 88.67 88.67 92.25 92.26 92.26 90.02 90.02 90.02 90.03 90.17		псилева эрес.огах.	2904.69 2904.55
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	20	895 65 65 65 65 65 65 65 65 65 65 65 65 65	100.65 10	88.28 88.42 88.67 88.67 89.25 92.26 92.26 92.20 90.02 90.02 90.02 90.03 90.17			2904.69
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	20	8 85 85 85 85 85 85 85 85 85 85 85 85 85	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	88.42 88.67 88.67 89.25 92.26 92.20 92.80 99.82 90.02 90.02 90.02 90.02 90.02 90.03			2904.55
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	201 201 201 201 201 201 201 201 201 201	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	88.67 88.92 92.26 92.20 89.17 89.52 90.02 90.02 90.02 90.02 90.02 90.03 90.03 90.04 90.17			
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	207	85.66 8.56 8.56 8.56 8.56 8.56 8.56 8.56	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	88.67 88.92 92.25 92.20 89.17 89.62 90.02 90.02 90.03 90.03 90.57 90.72 90.72 90.72 90.72			2904.35
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	207	85.66 85 85 85 85 85 85 85 85 85 85 85 85 85	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	88.92 92.26 92.20 89.17 89.62 90.02 90.02 90.72 90.72 90.72 90.72 90.72			2904.30
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97		85.68 85 85 85 85 85 85 85 85 85 85 85 85 85	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	92.26 92.20 89.17 89.52 92.80 90.02 90.02 90.72 90.72 90.72 90.72 90.72			2904.05
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97		88 85.65 8 85.	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	92.20 89.17 89.52 92.80 90.02 90.02 90.32 90.72 90.72 90.72 90.72 90.72			2900.72
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	85.65 85 85 85 85 85 85 85 85 85 85 85 85 85	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	89.17 89.62 92.80 89.62 90.02 90.02 90.72 90.72 90.92 91.12			2900.77
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	88.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65	100.65 100.65 100.65 100.65 100.65 100.65 100.65 100.65	89.52 92.80 89.82 90.02 90.02 90.32 90.72 90.72 91.12			2903.80
2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97 92.97	20	85.65 85.65 85.65 85.65 85.65 85.65 85.65 85.65	100.65 100.65 100.65 100.65 100.65 100.65 100.65	92.80 89.82 90.02 90.02 90.32 90.77 90.72 91.12			2903.45
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97	201 201 201 201 201 201 201 201 201 201	85.65 86.65 85.65 85.65 85.65 86.65	100.65 100.65 100.65 100.65 100.65 100.65	89.82 90.02 90.02 90.32 90.57 90.72 90.92 91.12			2900.17
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97 92.97	20 00 00 00 00 00 00 00 00 00 00 00 00 0	85.65 85.65 85.65 85.65 85.65 85.65 85.65	100.65 100.65 100.65 100.65 100.65	90.02 90.02 90.32 90.57 90.72 90.92 91.12			2903.15
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97	20 20 20 20 20 20 20 20 20 20 20 20 20 2	85.65 85.65 85.65 85.65 85.65	100.65 100.65 100.65 100.65 100.65	90.02 90.32 90.57 90.92 91.12			2902.95
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97 92.97 92.97 92.97	55 55 55 55 55 55	85.65 85.65 85.65 85.65	100.65 100.65 100.65 100.65	90.32 90.57 90.92 91.12			2902.95
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97 92.97 92.97	20 T T T T T T T T T T T T T T T T T T T	85.65 85.65 85.65	100.65 100.65 100.65	90.57 90.72 90.92 91.12			2902.65
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97 92.97	20 T T T T T T T T T T T T T T T T T T T	85.65 85.65 85.65	100.65 100.65 100.65	90.72 90.92 91.12 91.17			2902.40
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97 92.97	207 705 207 207	85.65	100.65	90.92 91.12 91.17			2902.25
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97	20 T 20 T	85.65	100.65	91.12			2902.05
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97 92.97 92.97	207			91.17			2901.85
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97	TOC	85.65	100.65				2901.80
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	92.97)	85.65	100.65	91.32			2901.65
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79		700	85.65	100.65	93.70			2899.27
2989.79 2989.79 2989.79 2989.79 2989.79 2989.79 2989.79	2992.97	TOC	85.65	100.65	93.40			2899.57
2989.79 2989.79 2989.79 2989.79 2989.79	2992.97	T0C	85.65	100.65	93.20			2899.77
2989.79 2989.79 2989.79 2989.79 2989.79	2992.97	T0C	85.65	100.65	93.25			2899.72
2989.79 2989.79 2989.79 2989.79	2992.97	тос	85.65	100.65	93.15			2899.82
2989.79 2989.79 2989.79 2989.79	2992.97	TOC	85.65	100.65	93.10			2899.87
2989.79	2992.97	TOC	85.65	100.65	92.80			2900.17
2989.79	2992.97	TOC	85.65	100.65	92.60			2900,37
2989.79	2992.97	тос	85.65	100.65	92.35			2900.62
0000	2992.97	TOC	85.65	100.65	92.10			2900.87
9/19/2005 2989.79 298	2992.97	тос	85.65	100.65	92.10			2900.87
10/17/2005 2989.79 299	2992.97	тос	85.65	100.65	92.08			2900.89
12/2/2005 2989.79 299	2992.97	TOC	85.65	100.65	92.15			2900.82
1/10/2006 2989.79 299	2992.97	тос	85.65	100.65	92.15			2900.82
3/3/2006 2989.79 299	2992.97	TOC	85.65	100.65	92.15			2900.82
4/12/2006 2989.79 299	2992.97	TOC	85.65	100.65	92.10			2900.87
5/30/2006 2989.79 299	2992.97	TOC	85.65	100.65	92.08			2900.89
6/3/2006 2989.79 299	2992.97	TOC	85.65	100.65	92.10			2900.87
9/8/2006 2989.79 299	2992.97	700	85.65	100.65	92.18			2900.79
11/7/2006 2989.79 299	2992.97	TOC	85.65	100.65	92.25			2900.72
2/23/2007 2989.79 299	2992.97	T0C	85.65	100.65	92.20			2900.77

Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	50	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
5/21/2007	2989.79	2992.97	T0C	85.65	100.65	92.35				2900.62
8/21/2007	2989.79	2992.97	T0C	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	T0C	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	T0C	85.65	100.65	90.72				2902.25
7/24/2008	2989.79	2992.97	T0C	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	T0C	85.65	100.65	90.85				2902.12
3/12/2009	2989.79	2992.97	700	85.65	100.65	90.88				2902.09
6/29/2009	2989.79	2992.97	700	85.65	100.65	90.97				2902.00
9/17/2009	2989.79	2992.97	T0C	85.65	100.65	91.25				2901.72
12/20/2009	2989.79	2992.97	T0C	85.65	100.65	91.47				2901.50
2/20/2010	2989.79	2992.97	T0C	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	T0C	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	T0C	85.65	100.65	92.75				2900.22
3/31/2012	2989.79	2992.97	200	85.65	100.65	92.92				2900.05

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Sample	Grd. Surf.	100	Ref.	Depth a	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Polnt	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
10/19/1999	2986.02	2989.12	тос	86.20	101.20	85.04	!			2904.08
2/7/2000	2986.02	2989.12	TOC	86 20	101.20	85 25				2903.87
8/2/2000	2986.02	2989.12	TOC	86.20	101.20	86.95	85.25	1.70	0.830	2903.58
11/24/2000	2986.02	2989.12	TOC	86.20	101.20	88.60	85.00	3.60	0.830	2903.51
2/14/2001	2986.02	2989.12	TOC	86.20	101.20	89.95	85.25	4.70	0.830	2903.07
3/29/2001	2986.02	2989.12	70C	86.20	101.20	88.76	88.75	0.01	0.830	2900.37
5/23/2001	2986.02	2989.12	700	86.20	101.20	86.30	85.95	0.35	0:830	2903.11
9/29/2001	2986.02	2989.12	T0C	86.20	101.20	87.45	86.05	1.40	0.830	2902.83
12/20/2001	2986.02	2989.12	T0C	86.20	101.20	89.08	89.05	0.03	0.830	2900.08
3/27/2002	2986.02	2989.12	700	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	ТОС	86.20	101.20	92.00	87.00	5.00	0.830	2901.27
6/18/2003	2986.02	2989.12	T0C	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	тос	86.20	101.20	91.75	87.80	3.95	0.830	2900.65
1/19/2005	2986.02	2989.12	70C	86.20	101.20	92.00	90.85	1.15	0.830	2898.07

Jal, NM

Sample	Grd. Surf.	T00	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
10/2/2005	2986.02	2989.12	TOC	86.20	101.20	89.65				2899.47
10/14/2005	2986.02	2989.12	тос	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	700	86.20	101.20	89.60				2899.52
3/3/2006	2986.02	2989.12	T0C	86.20	101.20	89.55				2899.57
11/8/2006	2986.02	2989.12	T0C	86.20	101.20	89.20				2899.92
6/17/2008	2986.02	2989.12	700	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	90.0	0.830	2900.86
8/26/2008	2986.02	2989.12	TOC	86.20	101.20	86.78	87.87	0.11	0.830	2901.23
12/8/2008	2986.02	2989.12	T0C	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	T0C	86.20	101.20	88.10	87.87	0.23	0.830	2901.21
9/17/2009	2986.02	2989.12	T0C	86.20	101.20	88.92	88.15	0.77	0.830	2900.84
12/20/2009	2986.02	2989.12	T0C	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	T0C	86.20	101.20	89.15	88.65	0.50	0.830	2900.39
10/23/2010	2986.02	2989.12	T0C	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	T0C	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	700	86.20	101.20	91.98	90.00	1.98	0.830	2898.78

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Sample	Grd, Surf.	700	Ref.	Depth of Screen	f Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Thickness Spec.Grav.	GW Elev.
10/19/1999	2986.45	2989.64	700	86 58	100.98	85.32				2904.32
2/7/2000	2986.45	2989.64	700	85.98	100.98	85.01				2904.63
8/2/2000	2986.45	2989.64	T0C	86 38	100.98	85 30				2904.34
11/24/2000	2986.45	2989.64	T0C	86 38	100.98	85 36				2904.28
2/14/2001	2986.45	2989.64	тос	85 38	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	T0C	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	86.98	100.98	86.21				2903.43
12/20/2001	2986.45	2989.64	700	85.98	100.98	89.50				2900.14
3/27/2002	2986.45	2989.64	TOC	86.38	100.98	86.66				2902.98

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outilible	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
6/26/2002	2986.45	2989.64	70C	86.98	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	T0C	86.38	100.98	87.51				2902.13
3/22/2003	2986.45	2989.64	T0C	86.38	100.98	87.91				2901.73
6/18/2003	2986.45	2989.64	T0C	85.98	100.98	87.81				2901.83
9/22/2003	2986.45	2989.64	700	85.98	100.98	87.91				2901.73
12/22/2003	2986.45	2989.64	T0C	85.98	100.98	88.16				2901.48
3/17/2004	2986.45	2989.64	T0C	85.98	100.98	98.06				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	T0C	85.98	100.98	90.80				2898.84
1/25/2005	2986.45	2989.64	700	85.98	100.98	90.50				2899.14
1/26/2005	2986.45	2989.64	TOC	85.98	100.98	90.55				2899.09
2/7/2005	2986.45	2989.64	700	85.98	100.98	90.45				2899.19
2/16/2005	2986.45	2989.64	T0C	85.98	100.98	90.50				2899.14
3/16/2005	2986.45	2989.64	T0C	85.98	100.98	90.20				2899.44
5/11/2005	2986.45	2989.64	70C	85.98	100.98	89.95				2899.69
6/26/2005	2986.45	2989.64	700	86.98	100.98	89.80				2899.84
9/8/2005	2986.45	2989.64	T0C	85.98	100.98	89.50				2900.14
10/17/2005	2986.45	2989.64	T0C	85.98	100.98	89.15				2900.49
12/2/2005	2986.45	2989.64	T0C	85.98	100.98	89.00				2900.64
1/10/2006	2986.45	2989.64	700	85.98	100.98	89.05				2900.59
3/3/2006	2986.45	2989.64	T0C	85.98	100.98	89.10				2900.54
4/12/2006	2986.45	2989.64	T0C	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	80.68				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	T0C	86.38	100.98	89.28				2900.36
2/23/2007	2986.45	2989.64	70C	85.98	100.98	89.30				2900.34
5/21/2007	2986.45	2989.64	T00	85.98	100.98	89.35				2900.29
8/21/2007	2986.45	2989.64	TOC	85.98	100.98	88.95				2900.69
11/4/2007	2986.45	2989.64	2986.45	85.98	100.98	88.35				2901.29
2/27/2008	2986.45	2989.64	70C	85.98	100.98	87.70				2901.94
6/14/2008	2986.45	2989.64	TOC	85.98	100.98	87.71				2901.93
7/4/2008	2986.45	2989.64	TOC	85.98	100.98	89.78				2901.96
7/24/2008	2986.45	2989.64	T0C	85.98	100.98	87.64				2902.00
8/25/2008	2986.45	2989.64	T0C	85.98	100.98	87.52				2902.12
12/6/2008	2986.45	2989.64	70C	85.98	100.98	87.70				2901.94
3/12/2009	2986.45	2989.64	700	85.98	100.98	87.80				2901.84
6/29/2009	2986.45	2989.64	T0C	85.98	100.98	87.74				2901.90
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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec, Grav.	GW Elev.
12/20/2009	2986.45	2989.64	70C	85.98	100.98	88.20				2901.44
2/20/2010	2986.45	2989.64	TOC	85.98	100.98	88.25				2901.39
/28/2010	2986.45	2989.64	TOC	85.98	100.98	88.61				2901.03
0/23/2010	2986.45	2989.64	70C	85.98	100.98	88.77				2900.87
/18/2011	2986.45	2989.64	TOC	85.98	100.98	89.92				2899.72
6/18/2011	2986.45	2989.64	70C	86.38	100.98	89.23				2900.41
2/31/2011	2986.45	2989.64	T0C	86.98	100.98	89.58				2900.06
3/31/2012	2986.45	2989.64	T0C	86.98	100.98	89.77				2899.87

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Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
3/27/2002	2985.80	2988.71	TOC	78.50	98.50	87.29		The second second second		2901.42
6/26/2002	2985.80	2988.71	T0C	78.50	98.50	87.34				2901.37
9/25/2002	2985.80	2988.71	T0C	78.50	98.50	87.59				2901.12
12/28/2002	2985.80	2988.71	T0C	78.50	98.50	. 62.78				2900.92
3/22/2003	2985.80	2988.71	T0C	78.50	98.50	88.29				2900.42
6/18/2003	2985.80	2988.71	тос	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	тос	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	700	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	T0C	78.50	98.50	90.95				2897.76
1/26/2005	2985.80	2988.71	тос	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	T0C	78.50	98.50	06:06				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	T0C	78.50	98.50	90.00				2898.71
1/10/2006	2985.80	2988.71	T0C	78.50	98.50	90.00				2898.71
3/3/2006	2985.80	2988.71	T0C	78.50	98.50	89.85				2898.86
4/12/2006	2985.80	2988.71	TOC	78.50	98.50	86.98				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	700	78.50	98.50	89.87				2898.84
9/7/2006	2985.80	2988.71	700	78.50	98.50	89.80				2898.91

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Table 1 GROUNDWATER MEASUREMENTS TABLE Jal Station Diesel Remediation

Jal, NM

Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
11/4/2006	2985.80	2988.71	TOC	78.50	98.50	89.90		4		2898.81
2/26/2007	2985.80	2988.71	T0C	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	70C	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	T0C	78.50	98.50	88.64				2900.07
7/4/2008	2985.80	2988.71	T0C	78.50	98.50	88.67				2900.04
7/24/2008	2985.80	2988.71	T0C	78.50	98.50	88.61				2900.10
8/26/2008	2985.80	2988.71	T0C	78.50	98.50	88.51				2900.20
12/8/2008	2985.80	2988.71	T0C	78.50	98.50	88.45				2900.26
3/12/2009	2985.80	2988.71	TOC	78.50	98.50	88.40				2900.31
6/29/2009	2985.80	2988.71	TOC	78.50	98.50	88.38				2900.33
9/17/2009	2985.80	2988.71	TOC	78.50	98.50	88.65				2900.06
12/20/2009	2985.80	2988.71	TOC	78.50	98.50	88.72				2899.99
2/20/2010	2985.80	2988.71	TOC	78.50	98.50	88.63				2900.08
6/28/2010	2985.80	2988.71	T0C	78.50	98.50	89.00				2899.71
10/23/2010	2985.80	2988.71	T0C	78.50	98.50	89.26				2899.45
3/18/2011	2985.80	2988.71	T0C	78.50	98.50	89.45				2899.26
6/18/2011	2985.80	2988.71	тос	78.50	98.50	89.65				2899.06
12/31/2011	2985.80	2988.71	TOC	78.50	98.50	89.88				2898.83
3/31/2012	2985.80	2988.71	T0C	78.50	98.50	80.08				2898.63

Sample	Grd. Surf.	T0C	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
3/27/2002	2985.09	2987.77	TOC	80.00	100.00	86.82		and a second		2900.95
6/26/2002	2985.09	2987.77	T0C	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	T0C	80.00	100.00	87.32				2900.45
3/22/2003	2985.09	2987.77	T0C	80.00	100.00	88.72				2899.05
6/18/2003	2985.09	2987.77	T0C	80.00	100.00	87.67				2900.10
9/22/2003	2985.09	2987.77	T0C	80.00	100.00	87.67				2900.10
12/22/2003	2985.09	2987.77	T0C	80.00	100.00	87.82				2899.95
3/17/2004	2985.09	2987.77	тос	80.00	100.00	89.02				2898.75
6/26/2004	2985.09	2987.77	T0C	80.00	100.00	88.27				2899.50
12/19/2004	2985,09	2987.77	T0C	80.00	100.00	91.70				2896.07
1/19/2005	2985.09	2987.77	T0C	80.00	100.00	91.70				2896.07
1/25/2005	2985.09	2987.77	T0C	80.00	100.00	90.40				2897.37
1/26/2005	2985.09	2987.77	T0C	80.00	100.00	90.42				2897.35
2/7/2005	2985 09	77 7800	JOL	00 08	100.00	00.00				TA TOOK

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Sample	Gra. Surr.	200	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
2/16/2005	2985.09	2987.77	T0C	80.00	100.00	90.50				2897.27
3/16/2005	2985.09	2987.77	TOC	80.00	100.00	90.35				2897.42
5/11/2005	2985.09	2987.77	T0C	80.00	100.00	89.95				2897.82
6/26/2005	2985.09	2987.77	T0C	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	T0C	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	T0C	80.00	100.00	89.40				2898.37
3/3/2006	2985.09	2987.77	T0C	80.00	100.00	89.25				2898.52
4/12/2006	2985.09	2987.77	T0C	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	T0C	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	тос	80.00	100.00	89.25				2898.52
5/23/2007	2985,09	2987.77	TOC	80.00	100.00	89.35				2898.42
8/21/2007	2985.09	2987.77	TOC	80.00	100.00	89.20				2898.57
11/3/2007	2985.09	2987.77	2985.09	80.00	100.00	89.12				2898.65
2/25/2008	2985.09	2987.77	TOC	80.00	100.00	88.50				2899.27
6/14/2008	2985.09	2987.77	TOC	80.00	100.00	88.25				2899.52
7/4/2008	2985.09	2987.77	T0C	80.00	100.00	88.20				2899.57
7/24/2008	2985.09	2987.77	700	80.00	100.00	88.16				2899,61
8/26/2008	2985.09	2987.77	700	80.00	100.00	88.05				2899.72
12/7/2008	2985.09	2987.77	T0C	80.00	100.00	87.90				2899.87
3/12/2009	2985.09	2987.77	700	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	T0C	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	700	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	700	80.00	100.00	88.95				2898.82
6/18/2011	2985.09	2987.77	700	80.00	100.00	88.98				2898.79
12/31/2011	2985.09	2987.77	TOC	80.00	100.00	89.17				2898.60
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LNAPL	Spec.Gra	0.830	
LNAPL LNAPL	to LNAPL Thickness Spec.Grav.	6.90	
Depth	to LNAPL	86.48	
Depth	to GW	93.38	
Depth of Screen	Bottom	95.00	
Depth of	Тор	75.00	
Ref.	Point	700	
700	evation	2989.68	
Grd. Surf.	Elevation El	3/27/2002 2987.16 2989.68 TOC	Monday, September 10, 2012
Sample	Date	3/27/2002	nday, Septem

Corrected GW Elev. 2902.03 Page 27 of 34

Jal, NM

Sample	Grd. Surf.	200	Ref.	Depth of	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
6/26/2002	2987.16	2989.68	T0C	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	тос	75.00	95.00	92.58	87.93	4.65	0.830	2900.96
12/22/2003	2987.16	2989.68	T0C	75.00	95.00	86.38	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	T0C	75.00	95.00	89.60	89.60		0.830	2900.08
9/8/2005	2987.16	2989.68	T0C	75.00	95.00	89.33	89.32	0.01	0.830	2900.36
9/27/2005	2987.16	2989.68	T0C	75.00	95.00	89.10	89.10		0.830	2900.58
10/2/2005	2987.16	2989.68	T0C	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	T0C	75.00	95.00	90.68	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	T0C	75.00	95.00	88.95				2900.73
6/16/2008	2987.16	2989.68	T0C	75.00	95.00	87.60	87.57	0.03	0.830	2902.10
7/4/2008	2987.16	2989.68	T0C	75.00	95.00	87.68	87.65	0.03	0.830	2902.02
7/24/2008	2987.16	2989.68	T0C	75.00	95.00	87.64	87.60	0.04	0.830	2902.07
8/26/2008	2987.16	2989.68	T0C	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	90.0	0.830	2902.12
6/29/2009	2987.16	2989.68	TOC	75.00	95.00	87.77	87.71	90.0	0.830	2901.96
9/16/2009	2987.16	2989.68	TOC	75.00	95.00	88.15	98.06	0.09	0.830	2901.60
12/20/2009	2987 16	2989.68	700	75.00	95.00	88.28	88.20	90.0	0.830	2901.47
2/21/2010	2987.16	2989.68	T0C	75.00	95.00	88.40	88.36	0.04	0.830	2901.31
6/28/2010	2987.16	2989.68	T0C	75.00	95.00	88.65	98.60	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	00'96	88.98	88.94	0.04	0.830	2900.73
3/18/2011	2987.16	2989.68	TOC	75.00	00'56	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	2809 89

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Sample	Grd. Surf.	700	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
3/27/2002	2988.86	2991.92	T0C	80.00	100.00	94.24	88.14	6.10	0.830	2902.74
6/26/2002	2988.86	2991.92	T0C	80.00	100.00	94.19	88.29	5.90	0:830	2902.63
9/25/2002	2988.86	2991.92	T0C	80.00	100.00	95.39	88.79	6.60	0:830	2902.01
12/28/2002	2988.86	2991.92	T0C	80.00	100.00	91.46	91.44	0.02	0.830	2900.48
9/22/2003	2988.86	2991.92	T0C	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

Jal, NM

Sample	Grd. Surf.	3	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
8/26/2004	2988.86	2991.92	T0C	80.00	100.00	88.52	88.51	0.01	0.830	2903.41
6/9/2005	2988.86	2991.92	T0C	80.00	100.00	92.00	92.00		0.830	2898.92
9/27/2005	2988.86	2991.92	T0C	80.00	100.00	91.15	91.10	0.05	0.830	2900.81
10/2/2005	2988.86	2991.92	T0C	80.00	100.00	91.20	91.05	0.15	0.830	2900.84
10/14/2005	2988.86	2991.92	T0C	80.00	100.00	91.30	91.10	0.20	0.830	2900.79
10/17/2005	2988.86	2991.92	T0C	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	700	80.00	100.00	91.10	86.08	0.12	0.830	2900.92
6/16/2008	2988.86	2991.92	T0C	80.00	100.00	89.65	89.60	0.05	0.830	2902.31
7/4/2008	2988.86	2991.92	70C	80.00	100.00	89.73	89.70	0.03	0.830	2902.21
7/24/2008	2988.86	2991.92	T0C	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	99.68	89.60	90.0	0.830	2902.31
12/8/2008	2988.86	2991.92	T0C	80.00	100.00	89.67	89.65	0.02	0.830	2902.27
3/14/2009	2988.86	2991.92	T0C	80.00	100.00	90.70	90.67	0.03	0.830	2901.24
6/29/2009	2988.86	2991.92	T0C	80.00	100.00	89.91	89.88	0.03	0.830	2902.03
9/16/2009	2988.86	2991.92	тос	80.00	100.00	90.24	90.23	0.01	0.830	2901.69
12/20/2009	2988.86	2991.92	тос	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	T0C	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	200	80.00	100.00	93.19	91.70	1.49	0.830	2899.97

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Sample	Grd. Surf.	200	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to ENAPL	Thickness	Spec.Grav.	GW Elev.
3/27/2002	2987.22	2989.64	TOC	75.00	95.00	94.08	87.03	7.05	0.830	2901.41
6/26/2002	2987.22	2989.64	T0C	75.00	95.00	93.73	86.93	6.80	0.830	2901.55
9/25/2002	2987.22	2989.64	700	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	T0C	75.00	95.00	93.03	88.43	4.60	0.830	2900.43
12/22/2003	2987.22	2989.64	TOC	75.00	95.00	89.60	89.58	0.02	0.830	2900.06
6/26/2004	2987.22	2989.64	T0C	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	T0C	75.00	95.00	89.57	89.55	0.02	0.830	2900.09
10/14/2005	2987.22	2989.64	TOC	75.00	95.00	89.55				2900.09
10/17/2005	2987.22	2989.64	T0C	75.00	95.00	89.55	89,50	0.05	0.830	2900.13

Jal, NM

Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
10/24/2005	2987.22	2989.64	TOC	75.00	95.00	89.60	89.55	0.05	0.830	2900.08
12/2/2005	2987.22	2989.64	тос	75.00	95.00	89.50	89.40	0.10	0.830	2900.22
1/10/2006	2987.22	2989.64	T0C	75.00	95.00	89.85	89.75	0.10	0.830	2899.87
3/3/2006	2987.22	2989.64	TOC	75.00	95.00	89.80	89.62	0.18	0.830	2899.99
4/12/2006	2987.22	2989.64	TOC	75.00	95.00	89.85	89.75	0.10	0.830	2899.87
8/21/2007	2987.22	2989.64	TOC	75.00	95.00	89.67	89.65	0.02	0.830	2899.99
11/5/2007	2987.22	2989.64	2987.22	75.00	95.00	89.36	89.35	0.01	0.830	2900.29
6/17/2008	2987.22	2989.64	TOC	75.00	95.00	88.20	88.20		0.830	2901.44
7/4/2008	2987.22	2989.64	T0C	75.00	95.00	88.15	88.15		0.830	2901.49
7/24/2008	2987.22	2989.64	T0C	75.00	95.00	88.08	88.08		0.830	2901.56
8/26/2008	2987.22	2989.64	TOC	75.00	95.00	87.98	87.98		0.830	2901.66
12/8/2008	2987.22	2989.64	TOC	75.00	95.00	87.96	87.96		0.830	2901.68
3/14/2009	2987.22	2989.64	TOC	75.00	95.00	88.05	88.05		0.830	2901.59
6/29/2009	2987.22	2989.64	тос	75.00	95.00	88.20	88.20		0.830	2901.44
9/16/2009	2987.22	2989.64	TOC	75.00	95.00	88.56	88.52	0.04	0.830	2901.11
12/20/2009	2987.22	2989.64	T0C	75.00	95.00	88.67	88.65	0.02	0.830	2900.99
2/24/2010	2987.22	2989.64	T0C	75.00	95.00	88.87	88.86	0.01	0.830	2900.78
6/28/2010	2987.22	2989.64	T0C	75.00	95.00	89.05	89.05		0.830	2900.59
10/23/2010	2987.22	2989.64	TOC	75.00	95.00	89.57	89.57		0.830	2900.07
3/18/2011	2987.22	2989.64	TOC	75.00	95.00	89.52				2900.12
6/18/2011	2987.22	2989.64	TOC	75.00	95.00	89.72	89.71	0.01	0.830	2899.93
12/31/2011	2987.22	2989.64	T0C	75.00	95.00	90.27	89.95	0.32	0.830	2899.64
3/31/2012	2987.22	2989.64	TOC	75.00	95.00	90.70	90.11	0.59	0.830	2899.43

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Sample	Grd. Surf.	5	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
12/28/2002	2986.63	2989.19	TOC	78.00	98.00	88.54				2900.65
3/22/2003	2986.63	2989.19	TOC	78.00	98.00	88.74				2900.45
6/18/2003	2986.63	2989.19	T0C	78.00	98.00	88.64				2900.55
9/22/2003	2986.63	2989.19	T0C	78.00	98.00	88.89				2900.30
12/22/2003	2986.63	2989.19	700	78.00	98.00	88.99				2900.20
3/17/2004	2986.63	2989.19	T0C	78.00	98.00	89.24				2899.95
6/26/2004	2986.63	2989.19	T0C	78.00	98.00	89.44				2899.75
12/19/2004	2986.63	2989.19	TOC	78.00	98.00	91.65				2897.54
1/19/2005	2986.63	2989.19	TOC	78.00	98.00	91.60				2897.59
1/25/2005	2986.63	2989.19	T0C	78.00	98.00	91.35				2897.84
1/26/2005	2986.63	2989.19	T0C	78.00	98.00	91.35				2897.84
2/7/2005	2986.63	2989.19	T00	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	T0C	78.00	98.00	91.20				2897.99

Jal, NM

Sample	Grd. Surf.	100	Ref.	Deptho	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
5/11/2005	2986.63	2989.19	700	78.00	98.00	90.80				2898.39
6/26/2005	2986.63	2989.19	T0C	78.00	98.00	90.65				2898.54
9/8/2005	2986.63	2989.19	70C	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	T0C	78.00	98.00	90.20				2898.99
1/10/2006	2986.63	2989.19	T0C	78.00	98.00	90.20				2898.99
3/3/2006	2986.63	2989.19	70C	78.00	98.00	90.10				2899.09
4/12/2006	2986.63	2989.19	ТОС	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	T0C	78.00	98.00	90.10				2899.09
9/7/2006	2986.63	2989.19	700	78.00	98.00	90.00				2899.19
11/4/2006	2986.63	2989.19	T0C	78.00	98.00	90.06				2899.13
2/26/2007	2986.63	2989.19	T0C	78.00	98.00	90.10				2899.09
5/23/2007	2986.63	2989.19	T0C	78.00	98.00	90.25				2898.94
8/21/2007	2986.63	2989.19	70C	78.00	98.00	20.06				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	T0C	78.00	98.00	89.25				2899.94
6/14/2008	2986.63	2989.19	T0C	78.00	98.00	89.00				2900.19
7/4/2008	2986.63	2989.19	тос	78.00	98.00	88.92				2900.27
7/24/2008	2986.63	2989.19	тос	78.00	98.00	88.88				2900.31
8/26/2008	2986.63	2989.19	T0C	78.00	98.00	88.80				2900.39
12/7/2008	2986.63	2989.19	T0C	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	T0C	78.00	98.00	89.00				2900.19
12/20/2009	2986.63	2989.19	T0C	78.00	98.00	89.10				2900.09
2/21/2010	2986.63	2989.19	тос	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	T0C	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	T0C	78.00	98.00	90.19				2899.00
3/31/2012	2986.63	2989.19	T0C	78.00	98.00	90.37				2898.82

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Sample	Grd. Surf.	100	Ref.	Depth o	f Screen		Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Top Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
12/28/2002	2989.24	2991.56 TOC	T0C	80.00	100.00		89.83			2901.5
3/22/2003	2989.24	2991.56	T0C	80.00	100.00		89.93		0.830	2901.18
6/18/2003	2989.24	2991.56	T0C	80.00	100.00		89.88	2.70	0.830	2901.2

Jal, NM

MW-22

Sample	Grd. Surf.	100	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
9/22/2003	2989.24	2991.56	T0C	80.00	100.00	93.13	89.93	3.20	0.830	2901.09
12/22/2003	2989.24	2991.56	T0C	80.00	100.00	93.23	90.13	3.10	0.830	2900.90
3/17/2004	2989.24	2991.56	T0C	80.00	100.00	93.88	90.38	3.50	0.830	2900.58
6/26/2004	2989.24	2991.56	T0C	80.00	100.00	93.98	90.48	3.50	0.830	2900.49
6/9/2005	2989.24	2991.56	TOC	80.00	100.00	92.00	92.00		0.830	2899.56
9/8/2005	2989.24	2991.56	T00	80.00	100.00	90.83	90.82	0.01	0.830	2900.74
9/27/2005	2989.24	2991.56	T0C	80.00	100.00	90.70	90.70		0.830	2900.86
10/2/2005	2989.24	2991.56	70C	80.00	100.00	90.65				2900.91
10/14/2005	2989.24	2991.56	T0C	80.00	100.00	90.71				2900.85
10/17/2005	2989.24	2991.56	T0C	80.00	100.00	90.65				2900.91
10/24/2005	2989.24	2991.56	T0C	80.00	100.00	90.70				2900.86
12/2/2005	2989.24	2991.56	T0C	80.00	100.00	90.58				2900.98
1/10/2006	2989.24	2991.56	T0C	80.00	100.00	90.80				2900.76
3/3/2006	2989.24	2991.56	тос	80.00	100.00	90.65				2900.91
4/12/2006	2989.24	2991.56	T0C	80.00	100.00	90.61	90.60	0.01	0.830	2900.96
5/30/2006	2989.24	2991.56	T0C	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	700	80.00	100.00	89.16				2902.40
7/4/2008	2989.24	2991.56	700	80.00	100.00	89.24				2902.32
7/24/2008	2989.24	2991.56	702	80.00	100.00	89.18				2902.38
8/26/2008	2989.24	2991.56	T0C	80.00	100.00	89.17				2902.39
12/8/2008	2989.24	2991.56	T0C	80.00	100.00	89.20	89.20		0.830	2902.36
3/14/2009	2989.24	2991.56	T0C	80.00	100.00	89.18	89.18		0.830	2902.38
6/29/2009	2989.24	2991.56	T0C	80.00	100.00	89.39				2902.17
9/17/2009	2989.24	2991.56	100	80.00	100.00	89.71	89.71		0.830	2901.85
12/20/2009	2989.24	2991.56	T0C	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	T0C	80.00	100.00	90.61				2900.95
3/18/2011	2989.24	2991.56	T0C	80.00	100.00	90.82				2900.74
6/18/2011	2989.24	2991.56	70C	80.00	100.00	91.01				2900.55
12/31/2011	2989.24	2991.56	T0C	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

Page 32 of 34

Jal, NM

Corrected	GW Elev.	2894.34	2894.28	2894.20	2894.08	2894.05	2894.45	2894.85	2895.50	2895.88	2895.90	2895.95	2896.00	2896.05	2895.90	2895.78	2895.40	2895.17	2895.16	2894.80	2894.48	2894.47	2894.15	2894.08	2893.75	2893.65
LNAPL C	Spec.Grav. G																	.,	.,	`'						
LNAPL	Thickness																									
Depth	to LNAPL																									
Depth	to GW	97.56	97.62	97.70	97.82	97.85	97.45	97.05	96.40	96.02	96.00	95.95	95.90	95.85	96.00	96.12	96.50	96.73	96.74	97.10	97.42	97.43	97.75	97.82	98.15	98.25
Screen	Bottom	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
Depth of Screen	Top	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
Ref.	Point	TOC	700	T0C	T0C	T0C	70C	2986.9	70C	T0C	T0C	T0C	700	T0C	T0C	T0C	T0C	TOC	TOC	тос	T0C	T0C	T0C	T0C	T0C	T0C
100	Elevation	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90	2991.90
Grd. Surf.	Elevation	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90	2986.90
Sample	Date	6/7/2006	9/8/2006	11/8/2006	2/25/2007	5/22/2007	8/21/2007	11/6/2007	3/4/2008	6/17/2008	7/4/2008	7/24/2008	8/26/2008	12/8/2008	3/14/2009	6/29/2009	9/17/2009	12/20/2009	2/21/2010	6/28/2010	10/23/2010	1/19/2011	3/18/2011	6/18/2011	12/31/2011	3/31/2012

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	did dut.	3	Ref.	Deptu of Screen	I Screen	Depth	ndan	LNAPL	LNAPL	Corrected
Date	Elevation	Elevation	Point	Top	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
6/4/2006	2988.76	2993.76	700	77.00	117.00	97.90				2895.86
9/8/2006	2988.76	2993.76	70C	77.00	117.00	98.00				2895.76
11/8/2006	2988.76	2993.76	700	77.00	117.00	98.10				2895.66
2/25/2007	2988.76	2993.76	T0C	77.00	117.00	98.10				2895.66
5/22/2007	2988.76	2993.76	700	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	тос	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	700	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	T0C	77.00	117.00	96.27				2897.49
12/8/2008	2988.76	2993.76	700	77.00	117.00	96.32				2897.44

Jal, NM

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Sample	Grd. Surf.	T0C	Ref.	Depth o	Depth of Screen	Depth	Depth	LNAPL	LNAPL	Corrected
Date	Efevation	Elevation	Point	Тор	Bottom	to GW	to LNAPL	Thickness	Spec.Grav.	GW Elev.
3/14/2009	2988.76	2993.76	TOC	77.00	117.00	96.38				2897.38
6/29/2009	2988.76	2993.76	T0C	77.00	117.00	96.55				2897.21
9/17/2009	2988.76	2993.76	T0C	77.00	117.00	95.85				2897.91
12/20/2009	2988.76	2993.76	T0C	77.00	117.00	97.05				2896.71
2/21/2010	2988.76	2993.76	T0C	77.00	117.00	97.15				2896.61
6/28/2010	2988.76	2993.76	70C	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	19.76	1.49	0.830	2895.84
1/19/2011	2988.76	2993.76	TOC	77.00	117.00	98.95	97.63	1.32	0.830	2895.91
1/20/2011	2988.76	2993.76	TOC	77.00	117.00	98.35	97.78	0.57	0.830	2895.88
3/18/2011	2988.76	2993.76	TOC	77.00	117.00	99.12	97.70	1.42	0.830	2895.82
6/18/2011	2988.76	2993.76	TOC	77.00	117.00	99.43	76.76	1.46	0.830	2895.54
12/31/2011	2988.76	2993.76	T0C	77.00	117.00	99.95	98.30	1.65	0.830	2895.18
3/31/2012	2988.76	2993.76	700	77.00	117.00	100.45	98.46	1.99	0.830	2894 96

APPENDIX C LABORATORY ANALYTICAL REPORTS



October 17, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

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

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

Cardinal Laboratories is accreditated 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.

Celey D. Keens

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



Analytical Results For:

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

Fax I

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	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 23



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

BTEX 8021B	mg/	kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2019	ND	206	103	200	2.47	
DRO >C10-C28*	<10.0	10.0	10/04/2019	ND	209	105	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/04/2019	ND					
Surrogate: 1-Chlorooctane	91.1 9	% 41-142							
Surrogate: 1-Chlorooctadecane	92.7	% 37.6-14	7						

Surrogate: 1-Chlorooctadecane

Cardinal Laboratories *=Accredited Analyte

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Celecy D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 23



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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

PP-9096

Project Location:

PLAINS - LEA CO NM

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d 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	% 37.6-14	7						

Cardinal Laboratories *=Accredited Analyte

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Celecy D. Kreene



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

BTEX 8021B	mg/	kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	94.6	% 37.6-14	7						

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Celecy D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 23



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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	% 37.6-14	7						

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Celecy D. Kreene

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 23



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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d 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	% 37.6-14	7						

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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 @ 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 41-142							
Surrogate: 1-Chlorooctadecane	588 9	% 37.6-14	7						

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Celecy D. Keine



Analytical Results For:

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

rax

Received:

10/03/2019 10/17/2019

225 %

37.6-147

Sampling Date: Sampling Type: 10/02/2019 Soil

Project Name:

JAL STATION RELEASE PP-9096

Sampling Condition: Sample Received By: Cool & Intact
Tamara Oldaker

Project Number: Project Location:

Surrogate: 1-Chlorooctadecane

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	% 73.3-12	9							
TPH 8015M	mg,	/kg	Analyze	d 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	,							

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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 @ 6' (H903388-25)

TEX 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 %	6 73.3-12	9						
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04

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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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 10 of 23



Analytical Results For:

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

Received: Reported: Project Name: 10/03/2019

10/17/2019 JAL STATION RELEASE

Project Number: Project Location:

oject Number: PP-9096

PP-9096

PLAINS - LEA CO NM

Sampling Date: 10/02/2019

Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

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

TPH 8015M	mg/	kg	Analyze	d By: MS	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					
Surrogate: 1-Chlorooctane	172 %	6 41-142	!						
Surrogate: 1-Chlorooctadecane	187 9	6 37.6-14	7						

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Analytical Results For:

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

10/03/2019

Reported: 10/17/2019

Project Name: JAL STATION RELEASE Project Number: PP-9096

Project Location: PLAINS - LEA CO NM Sampling Date: 10/02/2019

Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Tamara Oldaker

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

Received:

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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					
Surrogate: 1-Chlorooctane	93.2	% 41-142	,						
Surrogate: 1-Chlorooctadecane	93.8	% 37.6-14	7						

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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 - 3 @ 2' (H903388-31)

BTEX 8021B	mg/	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d 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	% 37.6-14	7						

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Celecy D. Keene



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 - 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2019	ND	199	99.3	200	1.79	
DRO >C10-C28*	<10.0	10.0	10/07/2019	ND	199	99.6	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	10/07/2019	ND					
Surrogate: 1-Chlorooctane	92.6	% 41-142							
Surrogate: 1-Chlorooctadecane	94.1	% 37.6-14	7						

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

Celeg D. Kreine



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: 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 9	% 73.3-12	9						
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	
	mg/	kg	Analyze	d By: MS					S-06
	mg/ Result	kg Reporting Limit	Analyze Analyzed	d By: MS Method Blank	BS	% Recovery	True Value QC	RPD	S-06 Qualifier
TPH 8015M			-		BS 199	% Recovery	True Value QC	RPD 1.79	
TPH 8015M Analyte	Result	Reporting Limit	Analyzed	Method Blank		·	·		

Surrogate: 1-Chlorooctadecane

194 %

37.6-147

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Celecy D. Kreene

Celey D. Keene, Lab Director/Quality Manager

Page 15 of 23



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

TPH 8015M	mg/l	kg	Analyze	d 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 %	6 41-142	?						
Surrogate: 1-Chlorooctadecane	161 %	37.6-14	7						

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

TPH 8015M	mg/l	кg	Analyze	d 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 %	6 41-142	,						
Surrogate: 1-Chlorooctadecane	120 %	37.6-14	7						

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Celecy D. Kreene

Celey D. Keene, Lab Director/Quality Manager

Page 16 of 23



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

PP-9096

Sampling Type:

Soil

Project Name:

JAL STATION RELEASE

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number: Project Location:

PLAINS - LEA CO NM

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

TPH 8015M	mg/	kg	Analyze	d 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					
Surrogate: 1-Chlorooctane	95.6	% 41-142	,						
Surrogate: 1-Chlorooctadecane	190 %	% 37.6-14	7						

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Celecy D. Kreene

Celey D. Keene, Lab Director/Quality Manager

Page 17 of 23



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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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



(575) 393-2326 FAX (575) 393-2476

Company Name:		BILL TO		1		Δ	ANAI YSIS	SIS REQUEST	
Project Manager: Sywia	Menalds	P.O. #:		\dashv	1		-		
Address: 1200006	2	Company: Plans							
city: Muldland	State: 7X Zip: 79707	2				Ł			-
Phone #: 432-653-4203	Fax #:	Address:				12			
Project #: Pp - 9096	Project Owner: Pens	City:		X		10			
Project Name: & Ske	Hon Release	State: Zip:	5	_		d			
Project Location:	Country	Phone #: 575-20-551	_	ے 70		le			-
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TLEASE NOTE: Leavily and Damages, Cardina's liability and clie analyses. All claims including those for negligence and any other (service. In no event shall Cardinal be liable for incidental or conseatifiates or successors arising out of or related to the performance	int's exclusive remedy for any claim arising whi ause whatsoever shall be deemed waixed uni quental damages, including without limitation, I of services hereunder by Cardinal repardless	ether based in contract or tort, shall be limited to the amount paid by the client for the sess made in writing and received by Cadinal within 30 days after completion of the bess made in writing and received by Clean, to loss of profits incurred by client, its subsidiant of which are the client in the second profits incurred by client, its subsidiant of which are the client in the second profits incurred by client, its subsidiant of which are the client in the second profits incurred by client, its subsidiant of which are the client in the second profits incurred by client.	by the client for the completion of the applicent, its subsidiaries,	cable					L
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Thermometer ID #97 Correction Factor + 0.4 °C

Corrected Temp. °C



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

Company Name:		BILL TO				AN	ANALYSIS	- 1	REQUEST		
Project Manager: Sywia	L Menalds	P.O. #:				-		- 1	-		
Address: 1200000	16 191	Company: Plans	<i>V</i>								
city: Muldland	State: TX Zip: 79707	5	_						-		
Phone #: 432-653-4203	S Fax #:	Address:				4					e l'adine ne
Project #: Pp- 9096	Project Owner: PLINS	City:	-~	X		0/				ě	
Project Name: \\ \delta \ \delta \		State: Zip:	5			10					
Project Location:	County	. 1	20-5517 5	ک 27		d					Marian acres
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TLE-NO ID: Labolity and Jeanages, Cardinal's labolity analyses. All claims including those for negligence and ar service. In no event shall Cardinal be liable for incidental affiliates or successors arising out of or related to the performance.	T-CL-S-T NOTE: Labuling and utilities C-didnats liability and clients exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cadrinal within 30 days after completion of the applicable service. In no event shall Cadrinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or project the performance of services hearing the programment of services hearing the programment of services whether the performance of services hearing the programment of the performance of services hearing the performance of the performa	or tort, shall be limited to the amount pai received by Cardinal within 30 days after ss of use, or loss of profits incurred by c	d by the client for the r completion of the appli tient, its subsidiaries,	cable							
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Corrected Temp. °C



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

Company Name:	BILL TO	ANALYSIS REQUEST
Project Manager: Sywia Renalds	P.O. #:	- 1
3	Company: Plans	
City: Nudland State: 7X Zip: 79	707 Attn: FM	
Phone #: 432-653-4203 Fax #:	Address:	T
Project #: PP- 9090 Project Owner: PLINS	nS City:	IC
Project Name: Jal Station Release		
Project Location: (ea County)	Phone #: \$75-2	27
Sampler Name: 0	Fax #:	0
FOR LAB USE ONLY	MATRIX PRESERV. SAM	8
RS	ER	orid
H903388 General Lab I.D. Sample I.D. General Container Groundwa	WASTEWATE SOIL DIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	TP BTE Chlo Hold BTEX TPH
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WT-10		\ \ \ \ \
20 W-1 & 2rt		9:31 X called 10/57
WT-20		15.5
W7-20		9:5s
TO Damaries Cardinal's liabil	ther beed in contract point shall be limited to the consequence	10:62 + 1 + 1
ns including those for negligence and any other cau int shall Cardinal be liable for incidental or consequences of the consequences of the performance of sorts arising out of or related to the performance of	**************************************	30 days after completion of the applicable noture of the spoke of the applicable notured by client, its subsidiaries, we stalled reasons or otherwise.
	I M STATE	Verbal Result: ☐ Yes ☐ No ☐ Add'! Phone #: All Results are emailed. Please provide Email address:
Relinquished By: Received B	mina dellatore	Sylvia reynolois @ duenelys. Com
Time:		Pheroenunezedeanoligs. Com
Delivered By: (Circle One) Observed Temp. °C 3.8	le Condition CH	Turnaround Time: Standard Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other: Corrected Temp. °C 4.2	Yes Yes (initials)	
FORIVI-008 K 3.0	□ No □ No	



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

Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinguished By:	Relinquished By:	analyses. All claims including those for negligence and any service. In no event shall Cardinal be liable for incidental or affiliates or successors arising out of or related to the perform	PLEASE NOTE: Liability and Damages, Cardinal's liability	39 10-10	38 W7-4 @	37 WT-4 Q	36 W7-4 @	3	34 WT-3 @	33 WT-3 @	3	3	H903388	Lab I.D. Samı	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: al 5kg	Project #: Pp- 909C	Phone #: 432-653-4203	city: Widerol	Address: 1200006	Project Manager: Sywic	Company Name: Dean
Corrected Temp. °C 4.2 AYes No	t	Time:	14:30 MMA	Date: 3-19 Received By:	other cause whatsoever shall be deemed consequental damages, including without mance of services hereunder by Cardinal,	If y and client's exclusive remedy for any claim arising whether base	77	0P T+	13.9	424	27	120	617	114	2 5+ 611 0	# C	RAB OR (C)CONTAINERS DUNDWATER STEWATER	2		Country	tion Release	Project Owner: Pans	03 Fax #:	State: 7X Zip: 7970	16 721	2 Menalds	
No To	Sample Condition CHECKED BY: Tu	()	to that are	MI AIII	an writing and received by Cardinal within 30 days after completion of the interruptions, loss of use, or loss of profits incurred by client, its subsidiarie er such claim is based upon any of the above stated reasons or otherwise	arising whether based in confract or toot, shall be limited to the amount haid but	10/21/9 4:50	1612/19 N	16/2/91)	21 61/2/01	16/12/19/	102/14/1	16/2/19/	1012119 10:13	16/2/19 10:67	OIL SLU OTH ACI ICE OTH	JDGE HER: D/BASE: / COOL HER:	MAIRIX PRESERV. SAMPLING	Fax #:	Phone #: \$75-20-55	State: Zip:	City:	Address:	Attn: Pinber Chares	Company: Plans	P.O. #:	BILL TO
Thermometer ID #97 Correction Factor + 0.4 °C No No C	S	Phenoenuneza deandigs. Com	Sulvia reynolds Odandys. Com	Verbal Result: Yes No Add'! Phone #: All Results are emailed. Please provide Email address:	30 days after completion of the applicable roursed by client, its subsidiaries, we stated reasons or otherwise.	the client for the	:50	10:01	11:62	10:57	0.50	10:25	10:17	5/19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TPH BTeX Chlor Hold	8	2	15	7	L.	7				ANALYSIS REQUEST
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(575) 393-2326 FAX (575) 393-2476

her:	Delivered By: (Circle One) Observed Temp. °C		Religion By: 30		analyses. All claims including those for negligence and any other cause whatsoever shall be deemed weied unless made in writing and received by Cardinal within 30 days after competion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, saffiales or successors arising out of or related to the performance of searches hereunder by Cardinal, regardless of whether such claims to search upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damanes. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the			42 PP-108#	PPO	H903388	Lab I.D. Sample I.D.		FOR LAB USE ONLY	Sampler Name:	Project Location: (ec County)	Project Name: Jal Station Release	Project #: PP- 909C Project Owner:	Phone #: 432-653-4203 Fax #:	State: 7X	Address: 120000 6 124 91	Project Manager: Sywia Renalds
Cool Intact (Initials) A Yes A Yes No No No	BY: Tui		REELING BY WAR A MINISTER SERVICE BY REELING	Received By: N Veri	ause whatsoever shall be deemed waived unless made in writing and received by Cartifal within 30 days after completion of the threat of the control of the	y claim arising whether based in contract or fort, shall be limited to the amount paid by the			611 61218 61218	-	# CC GRC WAS SOIL OIL SLU OTH AGIL OTH	DGE ER: D/BASE: / COOL	RS	MATRIX PRESERV. SAMPLING	Fax #:	Phone #: 575-20-551	State: Zip:	Pains city:	Address:	Zip: 79707 Attn: Pimber Graves	Company: Plans	P.O. #:
Thermometer ID #97 Correction Factor + 0.4 °C Correction Factor + 0.4 °C	ly) S	Phebenuneza deandigs. Com	Sulvia reynelos Odandys. Com	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	pplicab	dient for the			15 X added 10/15/19	10 VVVV × added lolis/19		TPH	oriold.	8	0	25	7	Ex			/	



November 04, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

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

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

Cardinal Laboratories is accreditated 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.

Celey D. Keens

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



Analytical Results For:

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

Received:

10/31/2019

Sampling Date:

10/30/2019

Reported:

11/04/2019

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

TPH 8015M	mg/	kg	Analyze	d 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 %	6 37.6-14	7						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4



ANALYSIS REQUEST Project Manner: Suburia Reumold's Sante: 7A Zip: 74 Told Attr.: Ambber Graves Project Manner: 124 Section Release Project Content: 224 New Mexico Project Manner: 124 Section Release Project Content: 224 New Mexico Project Manner: 124 Section Release Project Content: 224 New Mexico Project Manner: 124 Section Release Project Content: 224 New Mexico Project Manner: 124 Section Release Project Content: 224 New Mexico Project Manner: 124 Section Release Religious Mexico Religious Religious Mexico Religious Mexico Religious Religious Religious Mexico Religious Religiou	(5/5) 393-2326 FAX (5/5) 393-24/6	393-24/6		
Sample I.D. Sample I.D. Sample I.D. Sample I.D. Received Br. Receiv	Company Name:			
Sample I.D. Sampl	D		P.O. #:	
Sample I.D. Sample I.D. Sample I.D. Sample I.D. Sample I.D. Sample I.D. Residence Phone 1 & 100 Residence Residence Phone 2 & 110 Residence Re	1260 46		1	
Address: Apple Project Owner: City: All Schitch N Repletes: Apple Project Owner: City: Balte: Zip: Annual Mean All Man 2 Pressery: Share Union # (575) 200 - 557 Presser Man 200 - 557 Pre	Midland	AOLUL :diz VL		
Sample I.D. Sampl	(432)		Address:	
Sample I.D. Sampl	PP-9096	Owner:	City:	
Phone #: (578) 200 - 55/7 Phone be 10,000 - 55/7 Pho	TEI Station			
Sample I.D. Sampl	Ja1 2	skilo.	Phone #: (575) 200	KS17
Sample I.D. Contract Contrac	Pherbe			
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Cuncel 1114119 Cuncel 1114119 Cuncel 1114119 Complicable Policable Polic		NTAINERS JNDWATER TEWATER	/BASE: COOL	TPH
Committee No Add" Phone #: It: Yes No Add" Phone #: re emailed. Please provide Email address: re ynoid selected to S. Com Alapaness Pacalonias. Time: Standard Bacteria (only) Sample Condition Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C No No Corrected Temp. °C	H0372	# CON GROU WAST SOIL OIL	ACID/ ICE / OTHE	TIME
pplicable Pess No Add'l Phone #: Pemailed. Please provide Email address: Pemailed. Please provide Emailed. Please provide Emai	2 RP-1810			Canael 1114
It: Yes No Add'! Phone #: The emailed. Please provide Email address: The young sedemal (195. Com Algoress) pecalo The levels are below 1000 pour pecse Ob not procede to next sample. Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ID #97 Cool No Corrected Temp. °C	3 20-10-11			2000
It: Yes No Add' Phone #: re emailed. Please provide Email address: re ynold selected (35. Com Algebra & Paalo If levels are below 1000 ppm please) All not procked to next sample. Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ID #97 Cool No Corrected Temp. °C	4 65-16-15	1	1.	3
It: Yes No Add' Phone #: re emailed. Please provide Email address: re ynold selected to S. Com Alapanese paalo It eucls are below 1000 ppm pease Ob not procked to next sample. Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ID #97 Cool No Corrected Temp. °C				
Time: Standard Rush Standard Standard Standard Standard Cool Intact Corrected Temp. °C Corrected Temp. °C Add"I Phone #: Add I Phon				
Date: Comparison Content Cont	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive analyses. All claims including those for negligence and any other cause whatsoe service. In no event shall Cardinal be liable for incidental or consequental damages.	remedy for any claim arising whether based in contract ever shall be deemed waived unless made in writing an ever shall be deemed waived unless made in writing an ever shall be deemed waived unless interruptions, business interruptions, and the contract of the contract	or tort, shall be limited to the amount paid I direceived by Cardinal within 30 days after oloss of use, or loss of profits incurred by clicities of use, or loss of profits incurred by clicities has a fundamental to the province of the pr	The client for the military to the control of the applicable (it is subsidiaries, it is subsidiaries, it is or otherwise.
Time: Cool Intact Corrected Temp. °C 3.0 Aves Ave	Date:	Received By:		s On Add'I Phone #: Please provide Email address: \$\text{\left} Com \text{\left} A \text{\left} A \text{\left} Com \text{\left} A \text{\left} Com \text{\left} A \text{\left} A \text{\left} Com \text{\left} A \le
(Circle One) Observed Temp. °C 2.6 Sample Condition CHECKED BY: Turnaround Time: Standard Bacteria (only) S Cool Intact (initials) - Bus - Other: Corrected Temp. °C 3.0 ☐ No ☐ No ☐ No ☐ CORRECTION #97 Correction Factor + 0.4 °C ☐ No ☐ N		Received By:		theis are below 1,000 ppm please)
- Bus - Other: Corrected Temp. °C 5.0 Pes Pes Pes Tourisition Factor + 0.4 °C Pos No		26	CHECKED BY: (Initials)	Standard Bacteria (only) S Rush Cool Intact
	- Bus - Other:		Ties.	□ Yes □ Yes □ No □ No



November 25, 2019

SYLWIA REYNOLDS

DEAN

12600 W. COUNTY ROAD 91

MIDLAND, TX 79707

RE: JAL STATION RELEASE

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

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

Cardinal Laboratories is accreditated 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.

Wite South

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



Analytical Results For:

DEAN SYLWIA 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 - 1 @ 4' (H903931-01)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

Surrogate: 1-Chlorooctadecane 80.6 % 37.6-147

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

Page 2 of 13



Analytical Results For:

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

Fax To:

Received:

11/19/2019

Sampling Date:

11/18/2019

Reported:

Sampling Type:

Soil

Project Name:

11/25/2019

Sampling Condition:

Cool & Intact

Project Number:

PP-9096

Sample Received By:

Tamara Oldaker

Project Location:

PLAINS - LEA CO NM

JAL STATION RELEASE

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

BTEX 8021B	mg/	kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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

Page 3 of 13



Analytical Results For:

DEAN SYLWIA 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	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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

Page 4 of 13



Analytical Results For:

DEAN SYLWIA 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	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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

Page 5 of 13



Analytical Results For:

DEAN SYLWIA 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	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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

Page 6 of 13



Analytical Results For:

DEAN SYLWIA 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	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

*=Accredited Analyte Cardinal Laboratories

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

Page 7 of 13



Analytical Results For:

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

Received: 11/19/2019

Reported: 11/25/2019

Project Name: JAL STATION RELEASE
Project Number: PP-9096

Project Location: PLAINS - LEA CO NM

Sampling Date: 11/18/2019

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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Analytical Results For:

DEAN
SYLWIA 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: Sample Received By:

Cool & Intact
Tamara Oldaker

Project Number:

PP-9096

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, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2019	ND	197	98.3	200	0.886	
DRO >C10-C28*	<10.0	10.0	11/20/2019	ND	193	96.6	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	11/20/2019	ND					

Surrogate: 1-Chlorooctane

79.3 %

41-142

Surrogate: 1-Chlorooctadecane

75.5 %

37.6-147

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Analytical Results For:

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

Fax To:

Received:

11/19/2019

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	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

*=Accredited Analyte Cardinal Laboratories

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Analytical Results For:

DEAN SYLWIA 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	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 37.6-14	7						

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ND



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

Notes and Definitions

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

Analyte NOT DETECTED at or above the reporting limit

*** Insufficient time to reach temperature.

Samples reported on an as received basis (wet) unless otherwise noted on report

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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Page 12 of 13

Relinquished By:

Time: 14:27 Date:

Date: ||-|9-19

Received By

All Results are emailed. Please provide Email address: 16th Mithty Patanthy. Con

□ Yes

□ No

Add'l Phone #:

ROBENINE OF OWNER IST. COM 4/10/arynidi @ dandigs. com

Time:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C S. Observed Temp. °C 4,7

Sample Condition
Cool Intact
Yes 4 Yes
No No

CHECKED BY: (Initials) 0

Turnaround Time:

Standard Rush

REMARKS:

Thermometer ID #97 Correction Factor + 0.4 °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		3
	F	Page 13 of 13
101 East Marland, Hobbs, NM 88240	Labor	Pag
)1 East Marland, Hobbs, NM 88240	ator	
N 88240	I PS	

(575) 393-2326 FAX (575) 393-2476

Company Name:		8/1.1.70	
Project Manager: While Bundle		P.O. #:	200000000000000000000000000000000000000
Address: AMM MIR 9		Company: Plain	0
City: Maland State:	Zip: 79717	Attn: MMDEV AM KI	50
Phone #: 432-999-9075 Fax #:		Address:	
Project #: DP-GUGU Project Owner:		City:	
Project Name: A H STRIM Ke MAN		State: Zip:	B
Project Location: M/ NM		Phone #:575-310-5517	3
Sampler Name: PRODE NUMEZ		Fax #:	E
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	(8)
	ERS /ATER	181	((()
H972931	G)RAB OF CONTAIN ROUNDY VASTEWA FOIL DIL	OTHER: CID/BASE DE/COOI OTHER:	STE
NJW-10 4FF		×	*
2 MIN- 30 5FT		(10:154)	
3 NJW-3 CO 4FF)) (0:3)(A)	
THOH-MINIT		40°.11	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11.35 17	
7 (IW-304++		All z:	
8 55W- 484FF		10:594	
3 CM-12 4FT		465.91	
10 WIW-100 4Ft	++ +	4nd:11)	
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Relinquished By: Date: Received By:	Received By:	based upon any of the above stated reasons or otherwise. Verbal Result:	Yes No Add'! Phone #:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No No Corrected Temp. °C

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



Photograph No 4.

Date: October 21, 2019 Direction: West

Description: View of remediation activities.



Photograph No 5.

Date: October 21, 2019 Direction: Southeast



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.

