

ENTERPRISE PRODUCTS PARTNERS L.P. ENTERPRISE PRODUCTS HOLDINGS LLC (General Partner) ENTERPRISE PRODUCTS OPERATING LLC

April 28, 2020

Email Submittal

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

Re: Assessment and Remediation Plan Pipeline 1009 Release 1RP-5269 and NRM2004431707

To Whom It May Concern:

Enterprise Field Services LLC is submitting the enclosed site assessment and remediation plan to the New Mexico Oil Conservation District as required by 19 NMAC 15.29.12(B)(1) for the pipeline 1009 releases which occurred on October 28, 2018 and January 29, 2020 in Lea County, NM. The planned remediation activities are listed on pages 8-10 of the enclosed report.

If you have questions or require additional information, please contact Alena Miro, Senior Environmental Engineer at (575) 628-6802 or Paul Reinermann, Field Environmental Manager at (210) 528-2184.

Thank you,

Jon E. Fields Director, Field Environmental

/bjm Enclosure

Rodney M. Sartor Senior Director, Environmental

P.O. BOX 4324 HOUSTON, TEXAS 77210-4324 713.381.6500 1100 LOUISIANA STREET HOUSTON, TEXAS 77002-5227 www.enterpriseproducts.com Received by OCD: 4/28/2020 11:29:39 AM

Form C-141 Page 3

State of New Mexico **Oil Conservation Division**

Incident ID	
District RP	1RP-5269 and
	NRM2004431707
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>560</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🖾 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗋 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🛛 Yes 🗌 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. \boxtimes \boxtimes Field data

Data table of soil contaminant concentration data

- Data table of soil contaminant Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs N/A - No boring or excavation logs
- \boxtimes Photographs including date and GIS information
- $\overline{\boxtimes}$ Topographic/Aerial maps
- \square Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

ved by OCD: 4/28/2020				Page 3
Form C-141	State of New	/ Mexico	Incident ID	
Page 4	Oil Conservatio	on Division	District RP	1RP-5269 and NRM2004431707
			Facility ID	
	ormation given above is true and c		Application ID	
addition, OCD acceptance of and/or regulations.	gate and remediate contamination of a C-141 report does not relieve E. Fields F. July .com	the operator of responsibility fo Title: Date:	ctor, Field Environmental	or the environment. In deral, state, or local laws
OCD Only Received by: Cristi	na Eads	Date:	04/28/2020	

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Incident ID	
District RP	1RP-5269 and
	NRM2004431707
Facility ID	
Application ID	

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: Jon E. Fields	Title: Director, Field Environmental
Signature: AN F. Kul	Date: 4/28 2020
email: <u>jefields@eprod.com</u>	Telephone:713-381-6684
OCD Only	
Received by: Cristina Eads	Date: 04/28/2020
Approved X Approved with Attached Conditions of Ap	pproval 🗍 Denied 🗌 Deferral Approved
Signature: Auturles D	ate: 07/06/2020



Site Assessment and Remediation Plan

Enterprise 1009 Line Strike Lea County, New Mexico 1RP-5269, NRM2004431707

Prepared For:

Enterprise Products Operating, LLC PO Box 4324 Houston, Texas 77210-4324

Prepared By:

TALON/LPE 408 W. Texas Avenue Artesia, NM 88210

April 24, 2020

Ms. Alena Miro Enterprise Products Operating, LLC PO Box 4324 Houston, TX 77210-4324

Subject: Supplemental Assessment and Remediation Plan Enterprise 1009 Line Strike Lea County, New Mexico 1RP-5269, NRM2004431707

Dear Ms. Miro,

Talon/LPE (Talon) has been retained to provide Enterprise Products Operating, LLC (Enterprise), with supplemental soil assessment data pertaining to NMOCD comments regarding the initial release at this location (1RP-5268), and to assess the impacts from a second release that occurred on January 29, 2020.

Site Information

The Enterprise 1009 Line is located approximately fifty-four (54) miles southwest of Hobbs, New Mexico. The legal location for this release is Unit Letter A, Section 2, Township 22 South and Range 32 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.42711 North and -103.64110 West. Site location maps are presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Pyote and maljamar fine sands with 0 to 3 percent slopes. The referenced soil survey is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Upper Permian in age and is comprised of sandy eolian deposits derived from sedimentary rock. Drainage coursed in this area are well drained.

Groundwater and Site Characterization

The New Mexico Office of the State Engineer web site indicates that the nearest reported depth to groundwater is 560-feet below ground surface (BGS). See Appendix II for the referenced groundwater data. The site is located in a low potential Karst area (Appendix II).

If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to the groundwater in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29, NMAC.

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Approximate Dep	th to Groundwater 560 Feet/BG
□Yes ⊠No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or a playa lake
□Yes ⊠No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
□Yes ⊠No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
□Yes ⊠No	Within 1000 feet of any freshwater well or spring
∐Yes ⊠No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
□Yes ⊠No	Within 300 feet of a wetland
□Yes ⊠No	Within the area overlying a subsurface mine
□Yes ⊠No	Within an unstable area
□Yes ⊠No	Within a 100-year floodplain

This incident did not happen in any of these areas and occurred in a location with groundwater at a depth of greater than 100-feet BGS. However, as this release is on pasture lands, not on areas reasonably needed for production or future drilling operations, it must be treated as if the depth to groundwater is less than 50-feet deep. Therefore the clean up criteria is as follows:

A CONTRACTOR IN	그 내는 집에서 지금 문서에서 이 것 지갑자기 위해서 지지 않는 것 같은 것	ble I Is Impacted by a Release	
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Descriptions

1RP-5269

On October 29, 2018, the Enterprise 1009 Line was struck by heavy equipment doing unauthorized improvements to the pipeline right of way. As a result, an unknown volume of pipeline fluids was released into the right of way, including overspray into the pasture. The flow path encompassed approximately 1,100-feet varying from 3 to 9-feet wide. No fluids were recovered as the area is inaccessible to heavy trucks.

Site assessment activities and initial remedial actions were conducted. The excavation (averaging 3-4' deep) was not backfilled pending NMOCD approval to do so. A Remediation Plan and Variance Request were subsequently submitted to the NMOCD. Additional soil delineation information was requested and the liner installation variance was not approved by the NMOCD. A copy of the referenced NMOCD correspondence dated December 17, 2019, is attached for reference in Appendix III.

NRM2004431707

A second release occurred in the same footprint on January 29, 2020. Approximately 100 barrels (bbls) of pipeline fluids were lost due to internal corrosion. The release occurred at the same source area in the repaired line as the initial release, traveling approximately 60-feet from the source trending to the northeast in the open excavation. The 1009 Line was removed from service. Initial remedial activities and decommissioning of the 1009 Line were completed by others. A copy of the Initial C-141 for this incident is also attached in Appendix III. A site map depicting the second release at this location is presented as Figure 3, Appendix I. Photo documentation with drone aerial images are attached in Appendix IV.

Site Assessment Activities

On December 19, 2019, Talon personnel and equipment mobilized to the project location to begin additional site assessment and sampling activities as directed by the NMOCD regarding 1RP-5269. More specifically, the overspray area was addressed with a series of eleven (11) hand auger borings. Additional sample points were advanced between sample location S-4 and sample point SP-8, and between SP-8 and S-3. Sample point SP-4 was also vertically delineated.

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All soil samples were properly packaged in laboratory provided glassware and transported to Cardinal Laboratories for analysis of the following consitituents: Total Chlorides (SM4500CI-B), Total Petroleum Hydrocarbons (TPH via EPA Method 8015M) and volatile organics Benzene, Toluene, Ethylbenzene and Xylenes (BTEX via EPA Method 8021B). Sampling locations are presented on Figure 1 and Figure 2 located in Appendix I. Analytical results are presented in the following data table and the complete laboratory reports are attached in Appendix V.

			Tubic	, Analytic	arbata			and the second second	
Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	losure C. .15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
HA-1	0-1	12/19/2019	0.542	0.355	ND	ND	ND	-	ND
HA-1	2	12/19/2019	ND	0.198	ND	ND	ND		16
HA-2	0-1	12/19/2019	ND	0.143	ND	11	ND	11.0	192
HA-Z	2	12/19/2019	ND	ND	ND	ND	ND		160
HA-3	0-1	12/19/2019	ND	ND	ND	ND	ND	-	48
па-э	2	12/19/2019	ND	ND	ND	ND	ND	4	48
HA-4	0-1	12/19/2019	ND	ND	ND	ND	ND	4	ND
	2	12/19/2019	ND	ND	ND	ND	ND	-	48
HA-5	0-1	12/19/2019	ND	ND	ND	ND	ND	-	ND
	2	12/19/2019	ND	ND	ND	ND	ND	-	16
HA-6	0-1	12/19/2019	ND	ND	ND	ND	ND	-	240
HA-0	2	12/19/2019	ND	ND	ND	ND	ND		160
HA-7	0-1	12/19/2019	ND	ND	ND	ND	ND	-	16
H/A-7	2	12/19/2019	ND	ND	ND	ND	ND	à	240
HA-8	0-1	12/19/2019	ND	ND	ND	ND	ND		16
HA-0	2	12/19/2019	ND	ND	ND	ND	ND	-	16
HA-9	0-1	12/19/2019	ND	ND	ND	ND	ND	-	16
IIA-3	2	12/19/2019	ND	ND	ND	ND	ND	-	32
HA-10	0-1	12/19/2019	ND	ND	ND	ND	ND		ND
117 10	2	12/19/2019	ND	ND	ND	ND	ND	-	64
HA-11	0-1	12/19/2019	ND	ND	ND	ND	ND		16
	2	12/19/2019	ND	ND	ND	ND	ND	÷.	16
HA-12	3	12/19/2019	ND	ND	ND	ND	ND	2	16
117, 12	4	12/19/2019	ND	ND	ND	ND	ND	×	16

Table	1, Anal	ytical	Data
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Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg
	losure C 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
HA-13	3	12/20/2019	98.8	ND	1460	558	ND	2018.0	16
HA-13	4	12/20/2019	26	ND	3210	697	15.8	3922.8	16
114.14	3	12/20/2019	0.998	ND	ND	ND	ND	-	16
HA-14	4	12/20/2019	ND	ND	ND	ND	ND		16
110.15	3	12/20/2019	ND	ND	ND	ND	ND	- H	ND
HA-15	4	12/20/2019	ND	ND	ND	ND	ND	+	16
114.16	3	12/20/2019	28.8	ND	549	293	ND	842.0	ND
HA-16	4	12/20/2019	1110	ND	6690	966	21.9	7677.9	16
110 17	3	12/20/2019	5.18	ND	143	461	ND	604.0	ND
HA-17	4	12/20/2019	53.4	ND	914	271	ND	1185.0	16
110.10	3	12/20/2019	0.661	ND	ND	ND	ND	-	16
HA-18	4	12/20/2019	ND	ND	ND	ND	ND	-	ND
SW-1	3	12/20/2019	ND	ND	ND	ND	ND	1	48
SW-2	3	12/20/2019	ND	ND	ND	ND	ND	11-04-000	16
SW-3	3	12/20/2019	ND	ND	ND	106	ND	106.0	48
SW-4	3	12/20/2019	ND	ND	ND	ND	ND	1	ND
SW-5	3	12/20/2019	ND	ND	ND	ND	ND	4	48
SW-6	3	12/20/2019	ND	ND	ND	ND	ND	-	ND
SW-7	3	12/20/2019	ND	ND	ND	128	ND	128.0	16
SW-8	3	12/20/2019	ND	0.098	ND	ND	ND	-	ND
SW-9	3	12/20/2019	ND	0.102	ND	ND	ND		560
SW-10	3	12/20/2019	1.18	0.059	14.7	182	ND	196.7	16
SW-11	3	12/20/2019	ND	0.055	ND	ND	ND		32
SW-12	3	12/20/2019	ND	ND	ND	ND	ND	à.	368
SW-13	3	12/20/2019	ND	ND	ND	ND	ND	-	ND
SW-14	3	12/20/2019	ND	ND	ND	ND	ND	-	ND
	8	12/19/2019	ND	ND	ND	ND	ND	~	ND
	10	12/19/2019	ND	ND	ND	ND	ND	-	ND
SP-4	12	12/19/2019	ND	ND	ND	ND	ND		ND
0.000	14	12/19/2019	ND	ND	ND	ND	ND	-	16

HA - hand auger boring ND – analyte not detected

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On April 1, April 2, April 16 and April 17, 2020, Talon personnel and equipment returned to the project location to carry out additional site assessment activities to further vertically delineate boring location B-1 (source of release), to obtain supplemental closure criteria delineation based on current analytical data, and to address the footprint of the second release at this location (incident number NRM2004431707).

All soil samples were properly packaged in laboratory provided glassware and transported to Cardinal Laboratories for analysis of the following consitituents: Total Chlorides (SM4500CI-B), Total Petroleum Hydrocarbons (TPH via EPA Method 8015M) and volitale organics Benzene, Toluene, Ethylbenzene and Xylenes (BTEX via EPA Method 8021B). Sampling locations are presented on the site maps located in Appendix I. Analytical results are presented in the following data table and the complete laboratory reports are attached in Appendix V.

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	losure Cr 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
B-3	4	4/1/2020	ND	ND	ND	ND	ND	-	ND
SP-5	3	4/1/2020	ND	ND	ND	ND	ND	-	16
SP-6	3	4/1/2020	ND	ND	ND	ND	ND	-	32
HA-18	4	4/1/2020	ND	ND	ND	ND	ND	-	ND
SW-13	3	4/1/2020	ND	ND	ND	ND	ND		32
SW-14	3	4/1/2020	ND	ND	ND	ND	ND	-	16
	4	4/1/2020	0.515	ND	25.5	368	10.1	403.6	16
S-4	6	4/1/2020	ND	ND	ND	ND	ND	-	ND
5-4	8	4/1/2020	3.67	ND	180	182	ND	362.0	ND
	10	4/1/2020	ND	ND	ND	ND	ND	¥.	ND
SW-15	3	4/1/2020	ND	ND	ND	39.8	ND	39.8	ND
SW-16	3	4/1/2020	0.674	ND	12.3	36.6	ND	48.9	48
	4	4/1/2020	50.3	ND	684	221	ND	905.0	16
HA-17	6	4/1/2020	252	ND	2870	433	ND	3303.0	16
	8	4/1/2020	11	ND	37.1	18.2	ND	55.3	ND
SW-11	3	4/1/2020	10.7	ND	178	315	ND	493.0	48
SW-12	3	4/1/2020	6.45	ND	154	344	ND	498.0	32
	4	4/1/2020	ND	ND	ND	ND	ND	-	ND
HA-16	6	4/1/2020	0.604	ND	ND	ND	ND	2	ND
	8	4/1/2020	ND	ND	ND	ND	ND		ND

Table 2, Analytical Data

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg
	losure Cr 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
SW-9	3	4/1/2020	ND	ND	12.4	178	ND	190.4	ND
SW-10	3	4/1/2020	ND	ND	ND	ND	ND	Э.	ND
SP-8	4	4/1/2020	ND	ND	ND	ND	ND		ND
SP-7	3	4/1/2020	ND	ND	ND	78.8	ND	78.8	80
SP-9	3	4/1/2020	ND	ND	ND	ND	ND	-	32
1.1	4	4/2/2020	71.7	ND	693	323	ND	1016.0	ND
HA-15	6	4/2/2020	103	ND	717	235	ND	952.0	32
	8	4/2/2020	ND	ND	ND	ND	ND	-	ND
SW-7	3	4/2/2020	0.882	ND	25.3	289	ND	314.3	ND
SW-8	3	4/2/2020	ND	ND	ND	ND	ND	4	ND
HA-14	4	4/2/2020	ND	ND	ND	ND	ND		80
SW-5	3	4/2/2020	ND	ND	ND	ND	ND		16
SW-6	3	4/2/2020	ND	ND	ND	ND	ND	-	ND
	4	4/2/2020	ND	ND	ND	ND	ND	-	144
HA-13	6	4/2/2020	ND	ND	ND	ND	ND		32
	8	4/2/2020	ND	ND	ND	ND	ND	-	16
SW-3	3	4/2/2020	6.89	ND	54.1	48.0	ND	102.1	160
SW-4	3	4/2/2020	ND	ND	ND	ND	ND	12	64
SP-11	3	4/2/2020	ND	ND	ND	ND	ND	ų.	112
SP-12	3	4/2/2020	ND	ND	ND	ND	ND	- 4 - 1	224
SP-10	4	4/2/2020	ND	ND	ND	ND	ND		128
SP-14	3	4/2/2020	ND	ND	ND	ND	ND	-	544
SP-15	3	4/2/2020	ND	ND	ND	ND	ND	2	976
SP-16	3	4/2/2020	ND	ND	15	203	ND	218.0	144
	4	4/2/2020	ND	ND	ND	ND	ND	-	528
	16	4/2/2020	ND	ND	ND	ND	ND	-	ND
B-1	18	4/2/2020	ND	ND	ND	ND	ND		32
	20	4/2/2020	ND	ND	ND	ND	ND	-	16
SW-3A	3	4/16/2020	ND	ND	ND	ND	ND		NT
SW-7A	3	4/16/2020	ND	ND	ND	16.3	ND	16.3	NT
SW-9A	3	4/16/2020	ND	ND	ND	ND	ND	÷	NT
SW- 10A	3	4/16/2020	ND	ND	ND	ND	ND		NT
SW- 11A	3	4/16/2020	ND	ND	ND	31.9	ND	31.9	NT

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Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
	osure Cr 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
SW- 12A	3	4/16/2020	53.3	ND	660	356	ND	1016.0	NT
SW- 12B	3	4/16/2020	ND	ND	ND	ND	ND	-	NT
SP-15A	3	4/16/2020	ND	ND	ND	ND	ND	-	32
SP-16A	4	4/16/2020	ND	ND	ND	ND	ND	-	NT

HA - hand auger boring SW - side wall sample

SP - sample point

ND - analyte not detected NT - analyte not tested

Based on the field and lab data collected to date for this project, our proposed remedial actions to bring these incidents to closure are as follows.

Remedial Actions To Be Performed

- 1. The impacted soil in the vicinity of hand auger HA-13 will be excavated to a depth 4-feet BGS.
- 2. The area surrounding hand auger location HA-15 will be excavated to 8-feet BGS.
- 3. The impacted soil near HA-16 will be excavated to 4-feet BGS.
- 4. The area adjacent to HA-17 will be excavated to a depth of 8-feet BGS.
- 5. The area in the vicinity of sidewall sample SW-3 will be excavated an additional 2-feet to the north. Sidewall sample SW-3A located 2-feet to the north of the current open excavation will serve as the final excavation boundary confirmation sample.
- 6. The excavation sidewall near sample SW-7 will be excavated an additional 2-feet northward. Sidewall sample SW-7A, located 2-feet north of the open excavation, will provide excavation boundary confirmation.

- 7. The sidewall of the open excavation adjacent to SW-9 will be excavated an additional 2-feet to the north. Analytical data from SW-9A located 2feet to the north is below NMOCD clean up criteria for this project.
- 8. The impacted area in the vicinity of SW-10 will be excavated 2-feet to the south. Sidewall sample SW-10A is located 2-feet south of the current excavation and will serve as the excavation boundary sample.
- 9. The area near soil sample location S-4 will be vertically excavated to 8feet deep. SW-15 and SW-16 samples will provide north and south sidewall confirmation sample analysis respectively.
- 10. The excavation side wall near sample SW-11 will be excavated 2-feet northward. Sidewall sample SW-11A, 2-feet north, confirms the northern excavation boundary in this area.
- 11. The sidewall of the excavation will be advanced 4-feet to the south at sidewall sample SW-12. Soil sample SW-12B is located 4-feet to the south and indicates analytical results below laboratory method detection limits.
- 12. Sample point SP-15 is located to the south of the source of release for both referenced incidents (1RP-5269, NRM2004431707) and is shown on Figure 1, Figure 2 and Figure 3 (Appendix I). The side wall of the excavation in this area will be advanced an additional 2-feet to the south. Side wall sample SW-15A is located 2-feet to the south of SW-15 and provides resulting analytical data below NMOCD clean up criteria.
- 13. Sample point SP-16 is located immediately west of the release source as show on the attached site plans. The impacted soil in this area will be removed to a depth of 4-feet BGS where laboratory results indicate all analytes tested were below method detection limits.
- 14. Boring location B-1, located at the source of both releases, indicated the deepest vertical impacts relating to the first release, 1RP-5269. Additional vertical delineation beyond 16-feet deep was requested at this sample location by NMOCD. Following the second release and initial remedial actions related to incident NRM2004431707, additional samples were collected by Talon on April 2, 2020. Analytical data from sample B-1 at 4-feet (current depth of open excavation) indicate that the impacts from the second release had been mitigated. Analytical results from B-1 at 16', 18' and 20' deep are below NMOCD clean up criteria as shown in Data Table 2. Therefore, based on these results and the analytical data presented in the Assessment and Remediation Report, January 25, 2019, by Talon/LPE, the impacted area in this location will be excavated to a depth of 16-feet deep. Post-excavation proposed confirmation sample locations

are presented on a separate site map in Appendix I.

- 15. Additional vertical delineation samples beyond 6-feet deep at sample point SP-4 were requested by NMOCD (1RP-5269) on December 17, 2019. On December 19, 2019, Talon collected samples from 8-feet to 14-feet BGS at this sample location. Analytical results do not dictate the need to excavate impacted soil at SP-4 beyond 8-feet deep (Data Table 1).
- 16. Upon completion of approved remedial actions, the excavated areas will be backfilled with like, locally obtained soil from a local material pit.
- 17. The backfilled and disturbed areas will be contoured to match the surrounding terrain and seeded with BLM #2 seed mix for sandy soils utilizing a mechanized Culti-Pack seed drill.

Closure

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

TALON/LPE

David J. Adkins District Manager

Appendix I Site Maps Appendix II Groundwater, Soil, Karst, FEMA Data Appendix III NMOCD Correspondence, C-141 Appendix IV Photographic Documentation Appendix V Laboratory Reports

Received by OCD: 4/28/2020 11:29:39 AM



APPENDIX I

SITE MAPS









Received by OCD: 4/28/2020 11:29:39 AM







APPENDIX II

GROUNDWATER DATA

SOIL SURVEY

KARST MAP

FEMA MAP

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POD Number CP 01701 POD1	Code	POD Sub- basin CP	County LE	QQQ 641645 13	Sec Tws 35 21S	-	X 626652	Y 3589283		∍pthWellDe 840		Nater olumn 280
								Ave	rage Depth to	Water:	560 fe	et
									Minimum E)epth:	560 fe	et
									Maximum D	epth:	560 fe	et
Record Count:1			****	na na na na s			nna dhachta a					
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Easting (X): 62	7552		North	hing (Y): 3	588493			Radius: 3000)			
The data is furnished by th	ne NMOSE/	SC and i	s accepted			the expre				e no warrantie	s. expressed of	r implie

1/27/19 5:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

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POD Number	Code	Sub-	County	_	Q 16	_	Sec	Tws	Rng	х	Ŷ	DistanceDe	othWellDept		Vater olumn
CP 01701 POD1		CP	LE		1	3	35	21S	32Ē	626652	3589283 🛴		840	560	28
<u>C 02821</u>		С	LE	2	2	3	14	22S	3 2E	627303	3584563* 🏐	3937	540	340	200
<u>C 02096</u>		CUB	ED		2	3	14	22S	32E	627204	3584464* 🏹	4044	435	360	7!
C 03717 POD1		С	LE	4	4	1	09	22S	32E	624094	3586365	4060	650		
											Ave	rage Depth to W	ater:	420 fee	et
												Minimum De	pth:	340 fee	≠t
												Maximum De	pth:	560 fee	≠t
Record Count:4	a				• •		•~••			·····					
UTMNAD83 Radiu	is Search	(in met	ers):												
Easting (X): 62	7552		North	ning	(Y)): 3	3588	3493			Radius: 5000)			
*UTM location was deriv	- J (D)	~~													

1/27/19 5:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Lea County, New Mexico

PU—Pyote and maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq Elevation: 3,000 to 3,900 feet Mean annual precipitation: 10 to 12 inches Mean annual air temperature: 60 to 62 degrees F Frost-free period: 190 to 205 days Farmland classification: Not prime farmland

Map Unit Composition

Maljamar and similar soils: 45 percent Pyote and similar soils: 45 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Maljamar

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand Bt - 24 to 50 inches: sandy clay loam Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Description of Pyote

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0

Available water storage in profile: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7s Hydrologic Soil Group: A Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent *Ecological site:* Sandhills (R042XC022NM) Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 15, Sep 12, 2018







Received by OCD: 4/28/2020 11:29:39 AM



APPENDIX III

NMOCD CORRESPONDENCE

INITIAL C-141

David J. Adkins

From: Sent:	Venegas, Victoria, EMNRD <victoria.venegas@state.nm.us> Tuesday, December 17, 2019 9:10 AM</victoria.venegas@state.nm.us>
То:	Fields, Jon; Miro, Alena; Bratcher, Mike, EMNRD
Cc:	EMNRD-OCD-District1spills; CFO_Spill, BLM_NM; David J. Adkins
Subject:	Enterprise 1009 Line Strike 1RP-5269
Attachments:	(C-141 remediation Plan) Denied 1RP-5269 Lea County Line 1009 12.17.19.pdf

CAUTION EXTERNAL EMAIL

Do not open attachments or click links from an unknown or suspicious origin. Enterprise 1009 Line Strike 1RP-5269

Mr. Fields,

OCD has received your Remediation Plan and a Variance Request PO#: 82QY6-190823-C-1410 for Enterprise 1009 Line Strike 1RP-5269, thank you. This proposal is denied for the following:

- As a matter of form, OCD requires Enterprise to address the footprint of the entire affected area. OCD does not accept Enterprise's proposal that "the overspray area was to be addressed by the operator responsible for the pipeline strike". Enterprise is the responsible party for the entire affected area and, as such, the remediation proposal for the overspray area must be included in the Remediation Plan for this site.
- The entire release was in the pasture. By rule 19.15.29.13.D(1): The reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material. Caliche is not acceptable for this site.
- Also, note that OCD no longer uses the Risk Based Ranking System to determine the degree of remediation required at any given site. Please refer to NMAC19.15.29: <u>http://164.64.110.134/parts/title19/19.015.0029.html</u>.
- OCD recommends more sample points be taken in areas between S4 and SP-8 (~180 feet) and between SP-8 and S3 (~300 feet). Also, more sample points are required to delineate the overspray area completely.
- In Table 12-11-18 Laboratory Report, Geoprobe Sampling, BTEX and GRO+DRO concentration at sample B1 @16 feet are over limit. More delineation is needed.
- In Table 1-21-19 Laboratory Report, BTEX and GRO+DRO concentration at sample SP-4 @6 feet are over limit. More delineation is needed.
- The venting system proposal seems not to be adequate for this site. Venting boreholes need to be on an approximate 5 feet spacing throughout the affected area.
- The variance request to install a 20-mil liner "to encapsulate the remaining petroleum impacts below 4-feet deep" is not approved. Of particular concern, is the lighter end hydrocarbons that have been determined to exist at significant depths.

For further clarifications regarding the implementation of the spill rule, visit the OCD website: <u>http://www.emnrd.state.nm.us/OCD/documents/OCDInternalPolicy-SpillRuleClarifications.pdf</u> Regards,

Victoria Venegas EMNRD OCD-District II Artesia NM <u>Victoria.Venegas@state.nm.us</u> OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Enterprise Field Services LLC	OGRID	241602
Contact Name	Alena Miro	Contact Telephone	575-628-6802
Contact email	ammiro@eprod.com	Incident # (assigned by (OCD)
Contact mailing add	ress PO Box 4324, Houston, TX 77210		

Location of Release Source

Latitude <u>N32.428141</u>

Longitude <u>W -103.6385</u>

(NAD 83 in decimal degrees to 5 decimal places)

Site Name 1009 Pipeline	Site Type Pipeline ROW
Date Release Discovered 1/29/2020	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
A	2	228	23E	Lea

Surface Owner: State X Federal Tribal Private : N/A

Nature and Volume of Release

Mate	rial(s) Released (Select all that apply and attach calculations or speci	fic justification for the volumes provided below)
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
X Condensate	Volume Released (bbls) 100 bbl	Volume Recovered (bbls) 0 bbls
🛛 Natural Gas	Volume Released (Mcf) 1.25 MMscf	Volume Recovered (Mcf) 0 MCF
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

A pipeline release estimated at 1.25 MMscf of gas and 100 bbl of pipeline liquids occurred due to suspected internal corrosion.

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State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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? The release is considered a major release as the estimated volume of gas and liquids released exceeded the major release thresholds as defined in 19.15.29.7(A) NMAC.
X Yes No	
101000	
If YES, was immediate r	notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes:	

Jim Griswold and OCD Region 1 were notified via email of all information contained in the initial notification C-141 form on 1/30/20 at 9:36 am.

Initial Response

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

The source of the release has been stopped.

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

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

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

If all the actions described above have not been undertaken, explain why:

N/A

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Jon E. Fields Signature: M. Kul	Title: Director, Field Environmental Date: 2/16/2020
email: jefields@eprod.com	Telephone:713-381-6684
OCD Only	
Received by:	Date:



APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION


Figure 1: February 18, 2020 Aerial Photographs









Figure 2: April 16, 2020 Aerial Photographs









APPENDIX V

LABORATORY DATA

Page 45 of 210



December 30, 2019

DAVID ADKINS TALON LPE 408 W. TEXAS AVE. ARTESIA, NM 88210

RE: ENTERPRISE PIPELINE #1009

Enclosed are the results of analyses for samples received by the laboratory on 12/23/19 13:45.

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 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 62



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 1 0-1' (H904288-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0,355	0.050	12/27/2019	ND	1.61	80.3	2.00	12,1	
Toluene*	0,187	0.050	12/27/2019	ND	1.53	76.5	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.60	79.8	2.00	5.83	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	4.88	81.4	6.00	11.3	
Total BTEX	0.542	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 100 % 73.3-129

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Anaiyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/26/2019	ND	432	108	400	7.69	
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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	95.1	% 41-142							
Surrogate: 1-Chlorooctadecane	105	% 37.6-14	7						

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*=Accredited Analyte

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

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 1 2' (H904288-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.198	0.050	12/27/2019	ND	1.61	80.3	2.00	12.1	
Toluene*	0,101	0.050	12/27/2019	ND	1.53	76.5	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.60	79.8	2.00	5.83	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	4.88	81.4	6.00	11.3	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 102 % 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	12/26/2019	ND	432	108	400	7.69	
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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	97.3	% 41-142							
Surrogate: 1-Chlorooctadecane	107	% 37.6-14	7						

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*=Accredited Analyte

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CARDINAL Laboratories

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 2 0-1' (H904288-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS			-		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.143	0.050	12/27/2019	ND	1.61	80.3	2.00	12.1	
Toluene*	0.050	0.050	12/27/2019	ND	1,53	76.5	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.60	79.8	2.00	5.83	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	4.88	81.4	6.00	11.3	
Total BTEX	<0.300	0,300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 101 % 73.3-129

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/26/2019	ND	432	108	400	7.69	
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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	11.0	10.0	12/27/2019	ND	213	107	200	1,16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	89.1	% 41-142							
Surrogate: 1-Chlorooctadecane	<i>98.2</i>	% 37.6-14	7						

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*=Accredited Analyte

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348,425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 2 2' (H904288-04)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 97.3 % 73.3-129

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/26/2019	ND	432	108	400	7.69	
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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	90.7	% 41-142							
Surrogate: 1-Chlorooctadecane	96 .7	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 3 0-1' (H904288-05)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0,150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.8	% 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	48.0	16.0	12/26/2019	ND	432	108	400	7.69	
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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10,0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	94.6	% 41-142							
Surrogate: 1-Chlorooctadecane	102 9	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 3 2' (H904288-06)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94,7	2.00	12.8	
Ethylbenzene*	<0,050	0.050	12/27/2019	ND	1.94	97,1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 98.8 % 73.3-129

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/26/2019	ND	432	108	400	7.69	
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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	92.3	% 41-142	•						
Surrogate: 1-Chlorooctadecane	101	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 4 0-1' (H904288-07)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94,3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	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	12/26/2019	ND	432	108	400	7.69	
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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	96.1	% 41-142							
Surrogate: 1-Chlorooctadecane	105 9	6 37.6-14	7						

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/2019	Sampling Date:	12/19/2019
/2019	Sampling Type:	Soil
RPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
18.425.01	Sample Received By:	Tamara Oldaker
RPRISE - LEA CO NM		
1	/2019 RPRISE PIPELINE #1009 18.425.01	/2019Sampling Type:RPRISE PIPELINE #1009Sampling Condition:8.425.01Sample Received By:

Sample ID: HA - 4 2' (H904288-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS			mus montes.		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIE	96.5	% 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	48.0	16.0	12/27/2019	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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1,16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	95.4	% 41-142							
Surrogate: 1-Chlorooctadecane	103	% 37.6-14	7						

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12/23/2019	Sampling Date:	12/19/2019
12/30/2019	Sampling Type:	Soil
ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
700348.425.01	Sample Received By:	Tamara Oldaker
ENTERPRISE - LEA CO NM		
	12/30/2019 ENTERPRISE PIPELINE #1009 700348.425.01	12/30/2019Sampling Type:ENTERPRISE PIPELINE #1009Sampling Condition:700348,425,01Sample Received By:

Sample ID: HA - 5 0-1' (H904288-09)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 97.4 % 73.3-129

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	12/27/2019	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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	92.6	% 41-142	2		·				
Surrogate: 1-Chlorooctadecane	99.9	% 37.6-14	7						

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Analytical Results For:

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 5 2' (H904288-10)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	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	12/27/2019	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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	96.7	% 41-142							
Surrogate: 1-Chlorooctadecane	104 5	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 6 0-1' (H904288-11)

mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	12/27/2019	ND	1.90	94.8	2.00	12.9	
<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
<0.150	0.150	12/27/2019	ND	5.66	94,3	6.00	12.4	
<0.300	0.300	12/27/2019	ND					
	Result <0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 97.6 % 73.3-129

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/27/2019	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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	94.2	% 41-142							
Surrogate: 1-Chlorooctadecane	101	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 6 2' (H904288-12)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 99.0 % 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	160	16.0	12/27/2019	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	12/27/2019	ND	201	100	200	1.46	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	213	107	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	86.3	% 41-142	•						
Surrogate: 1-Chlorooctadecane	93.5	% 37.6-14	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 7 0-1' (H904288-13)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.6	% 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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	118 9	% 41-142							
Surrogate: 1-Chlorooctadecane	128	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 7 2' (H904288-14)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.0	% 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	240	16.0	12/27/2019	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	4 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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2,42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	119	% 41-142	>						
Surrogate: 1-Chlorooctadecane	127	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 8 0-1' (H904288-15)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.4 %	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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	119 %	6 41-142							
Surrogate: 1-Chlorooctadecane	1269	6 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 8 2' (H904288-16)

BIEX 8021B	mg,	/кд	Analyze	а ву: м5		04449-0-000-0			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0,050	12/27/2019	ND	1,89	94.7	2,00	12.8	
Ethylbenzene*	<0.050	0,050	12/27/2019	ND	1.94	97,1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					

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Surrogate: 4-Bromofluorobenzene (PIL 97.6 % 73.3-129

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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	117	% 41-142							
Surrogate: 1-Chlorooctadecane	127	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 9 0-1' (H904288-17)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.5	% 73.3-12	9						
Chloride, 5M4500Cl-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	12/27/2019	ND	416	104	400	0.00	

Chloride	16.0	16.0	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	115 %	6 41-142	?						
Surrogate: 1-Chlorooctadecane	125 %	6 37.6-14	17						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 9 2' (H904288-18)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1,94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 96.9 % 73.3-129

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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2,42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	118 :	% 41-142							
Surrogate: 1-Chlorooctadecane	129	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 10 0-1' (H904288-19)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 98.0 % 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	12/27/2019	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS				995	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2,42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	117 :	% 41-142							
Surrogate: 1-Chlorooctadecane	127	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 10 2' (H904288-20)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.2	% 73.3-129	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	64.0	16.0	12/27/2019	ND	416	104	400	3,77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Anaiyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2,42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	119 %	6 41-142							
Surrogate: 1-Chlorooctadecane	128 9	6 37.6-147	7						

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12/23/2019	Sampling Date:	12/19/2019
12/30/2019	Sampling Type:	Soil
ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
700348.425.01	Sample Received By:	Tamara Oldaker
ENTERPRISE - LEA CO NM		
	12/30/2019 ENTERPRISE PIPELINE #1009 700348.425.01	12/30/2019Sampling Type:ENTERPRISE PIPELINE #1009Sampling Condition:700348.425.01Sample Received By:

Sample ID: HA - 11 0-1' (H904288-21)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12,4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.7 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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	117 %	6 41-142							

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Surrogate: 1-Chlorooctadecane

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Celey D. Keene, Lab Director/Quality Manager

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37.6-147



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 11 2' (H904288-22)

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	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12.8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.6	% 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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	121	% 41-142							
Surrogate: 1-Chlorooctadecane	131	% 37.6-14	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 12 3' (H904288-23)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/27/2019	ND	1.90	94.8	2.00	12.9	
Toluene*	<0.050	0.050	12/27/2019	ND	1.89	94.7	2.00	12,8	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.94	97.1	2.00	12.6	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.66	94.3	6.00	12.4	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.4	% 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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2,42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	119 9	% 41-142	,						
Surrogate: 1-Chlorooctadecane	129 9	37.6-14	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 12 4' (H904288-24)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Anaiyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0,050	12/26/2019	ND	1.96	97.8	2,00	0.173	
Toluene*	<0.050	0.050	12/26/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/26/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/26/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/26/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.9 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	12/27/2019	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS		W074 (
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	122 %	6 41-142	······						
Surrogate: 1-Chlorooctadecane	130 %	6 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 13 3' (H904288-25)

BTEX 8021B mg/kg		Analyzed By: MS				Watester	S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	2,56	0.500	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	9,28	0.500	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	87.0	1.50	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	98,8	3.00	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 164 % 73.3-129

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	12/27/2019	ND	416	104	400	3.77	
ТРН 8015М	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1460	10.0	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	558	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	156	% 41-142							
Surrogate: 1-Chlorooctadecane	127	% 37.6-14	7						

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Analytical Results For:

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 13 4' (H904288-26)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	7.48	1.00	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	11,0	1.00	12/27/2019	ND	1.99	99.7	2.00	0,738	
Total Xylenes*	242	3.00	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	26.0	6.00	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	136 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	12/27/2019	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3210	10.0	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	697	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	15.8	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	162 9	% 41-142							
Surrogate: 1-Chlorooctadecane	132 9	37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 14 3' (H904288-27)

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	0.054	0.050	12/26/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/26/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	0.944	0.150	12/26/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	0.998	0.300	12/26/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 99.7 % 73.3-129

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	12/27/2019	ND	416	104	400	0.00	
ТРН 8015М	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	118	% 41-142	•						
Surrogate: 1-Chlorooctadecane	127	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 14 4' (H904288-28)

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0.050	12/26/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/26/2019	ND	1,99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/26/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0,300	0.300	12/26/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 98.9 % 73.3-129

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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	122	% 41-142	1						
Surrogate: 1-Chlorooctadecane	131	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 15 3' (H904288-29)

BTEX 8021B	mg,	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0.050	12/26/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/26/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/26/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/26/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 98.5 % 73.3-129

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	12/27/2019	ND	416	104	400	3.77	
ТРН 8015М	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2,42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	122	% 41-142							
Surrogate: 1-Chlorooctadecane	130	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 15 4' (H904288-30)

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	12/26/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0,050	12/26/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0,050	12/26/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0,150	12/26/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/26/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 97.9 % 73.3-129

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	12/27/2019	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	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	122	% 41-142	1						
Surrogate: 1-Chlorooctadecane	130	% 37.6-14	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 16 3' (H904288-31)

mg/kg		Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.500	0.500	12/27/2019	ND	1.96	97.8	2.00	0.173	
0.921	0.500	12/27/2019	ND	1.95	97.5	2.00	0.659	
2.92	0.500	12/27/2019	ND	1.99	99.7	2.00	0.738	
24.9	1.50	12/27/2019	ND	5.81	96.9	6.00	0.767	
28,8	3.00	12/27/2019	ND					
	Result <0.500 0.921 2.92 24.9	Result Reporting Limit <0.500	Result Reporting Limit Analyzed <0.500	Result Reporting Limit Analyzed Method Blank <0.500	Result Reporting Limit Analyzed Method Blank BS <0.500	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.500	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.500	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.500

Surrogate: 4-Bromofluorobenzene (PIL 125 % 73.3-129

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	12/27/2019	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	549	10.0	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	293	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	164	% 41-142							
Surrogate: 1-Chlorooctadecane	129	% 37.6-14	7						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 16 4' (H904288-32)

TEX 8021B mg/kg			Analyzed By: MS				5-04	
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<2.00	2.00	12/28/2019	ND	1.96	97.8	2.00	0.173	
151	2.00	12/28/2019	ND	1.95	97.5	2.00	0.659	
115	2.00	12/28/2019	ND	1.99	99.7	2.00	0.738	
839	6.00	12/28/2019	ND	5.81	96.9	6.00	0.767	
1110	12.0	12/28/2019	ND					
	Result <2.00 151 115 839	Result Reporting Limit <2.00	Result Reporting Limit Analyzed <2.00	Result Reporting Limit Analyzed Method Blank <2.00	Result Reporting Limit Analyzed Method Blank BS <2.00	Result Reporting Limit Analyzed Method Blank BS % Recovery <2.00	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <2.00	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <2.00

Surrogate: 4-Bromofluorobenzene (PIL 148 % 73.3-129

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	12/27/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	6690	10.0	12/27/2019	ND	222	111	200	0.854	
DRO >C10-C28*	966	10.0	12/27/2019	ND	224	112	200	2.42	
EXT DRO >C28-C36	21.9	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	190 9	% 41-142							
Surrogate: 1-Chlorooctadecane	135 9	6 37.6-14	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 17 3' (H904288-33)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2019	ND	1.96	97,8	2.00	0.173	
Toluene*	0.492	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	0.540	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	4.15	0.150	12/27/2019	ND	5,81	96.9	6.00	0.767	
Total BTEX	5,18	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 161 % 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	12/27/2019	ND	432	108	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*	143	10.0	12/27/2019	ND	201	100	200	3.26	
DRO >C10-C28*	461	10.0	12/27/2019	ND	210	105	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	109	% 41-142							
Surrogate: 1-Chlorooctadecane	106	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 17 4' (H904288-34)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	2.30	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	5,83	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	45,3	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	53.4	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 345 % 73.3-129

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	12/27/2019	ND	432	108	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*	914	10.0	12/27/2019	ND	201	100	200	3.26	
DRO >C10-C28*	271	10.0	12/27/2019	ND	210	105	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	107 :	% 41-142							
Surrogate: 1-Chlorooctadecane	99.4	% 37.6-14	7						

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Analytical Results For:

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 18 3' (H904288-35)

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	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	0,052	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	0,064	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	0.545	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	0.661	0,300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 98.6 % 73.3-129

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	12/27/2019	ND	432	108	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	12/27/2019	ND	201	100	200	3.26	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	210	105	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	97.3	% 41-142				· · · · · · · · · · · · · · · · · · ·			
Surrogate: 1-Chlorooctadecane	104	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: HA - 18 4' (H904288-36)

BTEX 8021B	mg/	kg	Analyze	d By: MS			1.00		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.9 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	12/27/2019	ND	432	108	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	12/27/2019	ND	201	100	200	3.26	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	210	105	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	97.6 9	% 41-142	· · · · · · · · · · · · · · · · · · ·						
Surrogate: 1-Chlorooctadecane	105 %	6 37.6-14	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 1 3' COMPOSITE (H904288-37)

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	12/27/2019	ND	1.96	97.8	2,00	0.173	
Toluene*	<0,050	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 97.8 % 73.3-129

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/27/2019	ND	432	108	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	12/27/2019	ND	201	100	200	3.26	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	210	105	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	94.6	% 41-142							
Surrogate: 1-Chlorooctadecane	101	% 37.6-14	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 2 3' COMPOSITE (H904288-38)

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	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Sumagata: A Puon Augusta	ne (PIE 97.7	% 73.3-12	0						
Surrogate: 4-Bromofluorobenze	ne (FIL 97.7	70 /3.3-12	У						

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	12/27/2019	ND	432	108	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	12/27/2019	ND	201	100	200	3,26	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	210	105	200	7,68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	100 9	% 41-142							
Surrogate: 1-Chlorooctadecane	107 9	% 37.6-14	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 3 3' COMPOSITE (H904288-39)

BIEX 8021B	mg	/кд	Analyze	а ву: мъ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0.050	12/27/2019	ND	1.95	97.5	2,00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0,150	0,150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					

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Surrogate: 4-Bromofluorobenzene (P1L 99.3 % 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	48.0	16.0	12/27/2019	ND	432	108	400	0.00	
трн 8015м	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	12/27/2019	ND	201	100	200	3.26	
DRO >C10-C28*	106	10.0	12/27/2019	ND	210	105	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	102	% 41-142							
Surrogate: 1-Chlorooctadecane	112 9	37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 4 3' COMPOSITE (H904288-40)

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	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0,050	12/27/2019	ND	1,95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 95.6 % 73.3-129

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	12/27/2019	ND	432	108	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	12/27/2019	ND	201	100	200	3.26	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	210	105	200	7,68	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	101	% 41-142							
Surrogate: 1-Chlorooctadecane	108	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 5 3' COMPOSITE (H904288-41)

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	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE 97.6 % 73.3-129

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/27/2019	ND	432	108	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	12/27/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	92.6	% 41-142							
Surrogate: 1-Chlorooctadecane	97.7	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 6 3' COMPOSITE (H904288-42)

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	12/27/2019	ND	1.96	97.8	2.00	0.173	
Toluene*	<0.050	0.050	12/27/2019	ND	1,95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0,150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 95.7 % 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	12/27/2019	ND	432	108	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	12/27/2019	ND	212	106	200	4,37	
DRO >C10-C28*	<10.0	10.0	12/27/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	104	% 41-142	?						
Surrogate: 1-Chlorooctadecane	112	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 7 3' COMPOSITE (H904288-43)

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	12/27/2019	ND	1.96	97,8	2.00	0.173	
Toluene*	<0.050	0.050	12/27/2019	ND	1.95	97.5	2.00	0.659	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.99	99.7	2.00	0.738	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.81	96.9	6.00	0.767	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.7	% 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	12/27/2019	ND	432	108	400	0.00	

Chloride	16.0	16.0	12/27/2019	ND	432	108	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	12/27/2019	ND	212	106	200	4.37	
DRO >C10-C28*	128	10.0	12/27/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/27/2019	ND					
Surrogate: 1-Chlorooctane	95.4	% 41-142	?						
Surrogate: 1-Chlorooctadecane	108	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 8 3' COMPOSITE (H904288-44)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.098	0.050	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2.00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 %	6 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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4,37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	103 %	6 41-142							
Surrogate: 1-Chlorooctadecane	113 %	6 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 9 3' COMPOSITE (H904288-45) DTTV 0004 D

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.102	0.050	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93,7	2.00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91,8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Aughmed Rus MC

101 % 73.3-129 Surrogate: 4-Bromofluorobenzene (PIL

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	98.1	% 41-142							
Surrogate: 1-Chlorooctadecane	106	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 10 3' COMPOSITE (H904288-46)

BTEX 8021B	mg	/kg	Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.059	0.050	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	0.051	0.050	12/27/2019	ND	1.87	93.7	2.00	0.933	
Ethylbenzene*	0.188	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	0.883	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	1.18	0.300	12/27/2019	ND					

Analyzed Rev MC

Surrogate: 4-Bromofluorobenzene (PIL 128 % 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	12/27/2019	ND	432	108	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*	14.7	10.0	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	182	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	100	% 41-142							
Surrogate: 1-Chlorooctadecane	113	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		
Project Name: Project Number:	ENTERPRISE PIPELINE #1009 700348.425.01	Sampling Condition:	Cool & Intact

Sample ID: SW - 11 3' COMPOSITE (H904288-47)

BTEX 8021B	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.055	0.050	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2,00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1,84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1,34	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 100 % 73.3-129

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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	99.0	% 41-142							
Surrogate: 1-Chlorooctadecane	109	% 37.6-14	7						

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TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	12/23/2019	Sampling Date:	12/20/2019	
Reported:	12/30/2019	Sampling Type:	Soil	
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact	
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker	
Project Location:	ENTERPRISE - LEA CO NM			
Project Name: Project Number:	ENTERPRISE PIPELINE #1009 700348.425.01	Sampling Condition:	Cool & Intact	

Sample ID: SW - 12 3' COMPOSITE (H904288-48)

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	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2,00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE 99.3 % 73.3-129

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO > C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	85.2	% 41-142							
Surrogate: 1-Chlorooctadecane	88.5	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 13 3' COMPOSITE (H904288-49)

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	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2.00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 107 % 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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	96.0	% 41-142							
Surrogate: 1-Chlorooctadecane	103	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/20/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 14 3' COMPOSITE (H904288-50)

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	12/27/2019	ND	1.96	98.2	2.00	2,43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2.00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4,37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	104	% 41-142							
Surrogate: 1-Chlorooctadecane	113 9	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SP- 4 8' (H904288-51)

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	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2.00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 103 % 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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	96.6	% 41-142							
Surrogate: 1-Chlorooctadecane	103	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SP- 4 10' (H904288-52)

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	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2.00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 111 % 73.3-129

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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4,37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	103	% 41-142							
Surrogate: 1-Chlorooctadecane	108	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SP- 4 12' (H904288-53)

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	12/27/2019	ND	1.96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2.00	0.933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0.107	
Total Xylenes*	<0.150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0.300	0.300	12/27/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109 %	6 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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	100 5	% 41-142							
Surrogate: 1-Chlorooctadecane	106 :	% 37.6-14	7						

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Received:	12/23/2019	Sampling Date:	12/19/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Tamara Oldaker
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SP- 4 14' (H904288-54)

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	12/27/2019	ND	1,96	98.2	2.00	2.43	
Toluene*	<0.050	0.050	12/27/2019	ND	1.87	93.7	2.00	0,933	
Ethylbenzene*	<0.050	0.050	12/27/2019	ND	1.84	91.8	2.00	0,107	
Total Xylenes*	<0,150	0.150	12/27/2019	ND	5.77	96.1	6.00	1.34	
Total BTEX	<0,300	0.300	12/27/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL 109 % 73.3-129

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	12/27/2019	ND	432	108	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	12/28/2019	ND	212	106	200	4.37	
DRO >C10-C28*	<10.0	10.0	12/28/2019	ND	220	110	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/28/2019	ND					
Surrogate: 1-Chlorooctane	104	% 41-142	2						
Surrogate: 1-Chlorooctadecane	110	% 37.6-14	7						

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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i	2	Project Manager: David Adkins Pro. # 701
ANALYSIS REDIFEST		Company Name: Taloh 1PE
		101 East Marland, Hobbs, NM 88240 . (575) 393-2326 FAX (575) 393-2478

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

01 East Marland, Hobbs, NM 8824

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	PLEASE NOTE: Liability and Damages. Continuits isability and display exclusive remark for any claim addided washing aband the submitted as the account work with a liability of the account work work work with a liability of the account work work work work work work work work
	MA-9 2'
	HA-q $O-1'$
	14 HA-8 2'
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	$-\frac{12}{12}$ HA-6 2'
	1114-6 0-1 - 1 - 1 - V V V V V V V V V V V V V V
1 B7 To	# CO GROI WAS SOIL OIL SI.UE OTHE ACID,
ΓΕΧ Fal	er : /Base: Cool
Ex	₹
	MATRIX
	Sampler Name: Brandon Sindair Fax#
	ALY Phone #:
<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	Project Name: Enterprise 1009 Spill State: Zip:
	Project #: 700346.425.01 Project Owner: Enterprise city:
	State: NM Zin: 86210 Attn: Dav; d Adk
	5 AVE Company: Talon LPE
- 11	Adkins F.O. ** 700
ANALYSIS REQUEST	Company Name: Tolow IPE
	101 East Warland, Hobbs, NNR 88240 (575) 393-2326 FAJK (575) 393-2476
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CHAIN-OF-CUSTODY AND ANALYSIS. REOLIEST

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j' Cardinal cannor accept verbal changes. Please fax written changes to (575) 392-2326	Belivered Ey: (Circle Orie) 1.82 497 Sample Condition	10/0/1/2 Times 23.19	The second se	affides and structure to under a fundational stranger, housing stranger, housing the stranger in the stranger of the stranger in the stranger of the stranger in the stranger	2-E-SEE NOTE: Lability and Danages. Cardinals lability and alignite exclusive remark for any claim arbitry vasied in contract or root, stables limited to the consume that by the client or the analyses. All data: including these for mengingence and any other exclusive half are documed valued unloss made in willing and received by Cardinal Whith 30 days after completion of the upplicable are for the upplicable	છુ	$\mathcal{O}\mathcal{O}$ \mathcal{O} $\mathcal{O}\mathcal{O}$ \mathcal{O}	 - 1°		AY HA-12 Y'	25 HA-12 3'	· 38 HA-11 2'		# CONT GROUN WASTE SOIL OIL	OR (C)ON AINERS	Sinclar and a start		S	Project # 700 345.425.01 Project Owner Enterprise	Phone # 575-746 - 8768 Fax #	City: Artisia State: NM Zip: 88210	Address: Yor W Texas Ave	Project manager: David Adkins	Considently Matrice: Talon LPE	101 East Marland, Hobbs, MM 88240 (878) 393-2326 FAX (878) 393-2476	- ·	C Laboratories .	CARDINAL
o (575) 393-2326		Maker P3. 3 of 6	디 Yes 디 No - Add'i Fax ☆	Yes D No	actor.cot, shall be limited to the annual paid by the clean for the and received by Cardinal within 30 days after compication of the applicable .				5				1 81-81-21	SLUDG OTHER ACIDIA ICE/CC OTHER ICE/CC OTHER	: ASE: DOL : HEX		Phone \$	State: Zip:	City:		Attn: Devid Adkins			ANALYSIS REQUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST		· ·

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Y Cardinal cannor accept verbal changes. Please fax written changes to (575) 393-2326	Delivered By: (Circle Cine) / 8° 49 Sample Condition Sampler - UPS - Bus - Other: ////////////////////////////////////	Relinquistied By: Date: 23/9 Received By:		ng pilinara (karnegigenee and any efter cauce whaterewe shall be desmed walved injues mede in aastina be linko (er indefanktion concerpuential damages, Incidiging Wildout Initiatian, businezo in in na eul af or miket ieu he zerformance of zervices hereinete by Spelinal, segnidices of Whether	PLEASE NOTE: Labelity and Damages, bandmats having and discuss expressions remedy for any chain which what are based to contract to the planet of the plane	JW-3 3 Composite	37 m SW-13 Composite C	HA-16 Y'	35 HA-18 3,	34 HA-17 41	 · 32/4/-16 4/	<u>3/ HA-16 3' 5 VI</u>	HON 4 200 "	adox Sinclair	in: Lea County	prorise 1099 So; 11	70034547501 Project Owner: Faterneise	State: NM Zir: 88210	Kas Ave.	Projecé Manager: David Adkins	Talon LPE	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (875) 393-2476		
75) 393-2326) jor. 6d Ryll	Phone Result: I Yes I No Add'l Phone \$; Pax Result: I Yes I No Add'l Fax \$; REWARKS; I Yes I No Add'l Fax \$;	aller camplellan of the applicable		Nt						$\sqrt{12-20-19}$ 1/ $\sqrt{\sqrt{10}}$	OTHER: ACID/BASE: ICE / COOL OTHER: TPH = EX BT = X Totol = Chlorer	•	弊 5 	State: Zib:		Attn: Devid Adkins	Company: Talor, LPE	P.O. # 700348. 425.0	BULL TO ANALYSIS REQUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	

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Cardinal cannot accept verbai changes. Please fax written changes to (575) 393-2326	Dellivered Eyr: (Circle Onie)' (.8 c Act Cool Cool<	a sy: and Ada Mar Times 45 Addudta Add	all mais of and i IIdak REMARKS:	17:23.10 Received By: Phone Result: D Yes D No - Addition - Additional	https://www.com/communications/communicatio	$\frac{5D[SW-143' (c_m post) test }{1000000000000000000000000000000000000$	Sw-13 3, Composite 1	123 Composite 11. 1. 11. 11. 11.	7 SW-11	SW = 10 S $C = 10$ M	2 SW-7-3 Compesite 1 - 11 - 11 - 12	5W- 6 3' Composit	4/ SW-S 3 Compositer Q V V 12-20-19/3:00 V V V	$\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & &$	MATRIX PRESERV SAMPLING	n: Lea Construction Phone #:	Mise 1009 Spill State: Zip:	16. 425.01 Project Owners Enterprise City:	Address:	Stats: NM Zip: 36210	Texas Aver	d Adkins P.O. # 700348.425.01	Company Name: Taloh 1 PE ANALYSIS ANALYSIS	01 East Mariand, Hobbs, NM 88240 575) 393-2326 FAX (575) 393-2476	CHAIN-OF-CUSTODY AND	Laboratories .	CAPOINAL.	
•	1	8		Phone 歩 Fax恭		·								· · · · · · · · · · · · · · · · · · ·			•					1	YSIS REQUEST		DANALYSIS. REQUEST			

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April 15, 2020

DAVID ADKINS TALON LPE 408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ENTERPRISE PIPELINE #1009

Enclosed are the results of analyses for samples received by the laboratory on 04/07/20 16:31.

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 certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager




TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210		Project: ENTER roject Number: 700348 oject Manager: DAVID Fax To: (575) 7	ADKINS	LINE #1009 Reported: 15-Apr-20 09:20			
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received			
B-3 4'	H001038-01	Soil	01-Apr-20 09:56	07-Apr-20 16:31			
SP - 5 3' COMP	H001038-11	Soil	01-Apr-20 10:33	07-Apr-20 16:31			
SP - 6 3' COMP	H001038-12	Soil	01-Apr-20 10:35	07-Apr-20 16:31			
HA - 18 4'	H001038-13	Soil	01-Apr-20 10:45	07-Apr-20 16:31			
SW - 13 3' COMP	H001038-22	Soil	01-Apr-20 11:21	07-Apr-20 16:31			
SW - 14 3' COMP	H001038-23	Soil	01-Apr-20 11:24	07-Apr-20 16:31			
S- 4 4'	H001038-24	Soil	01-Apr-20 12:05	07-Apr-20 16:31			
S- 4 6'	H001038-25	Soil	01-Apr-20 12:08	07-Apr-20 16:31			
S- 4 8'	H001038-26	Soil	01-Apr-20 12:10	07-Apr-20 16:31			
S-4 10'	H001038-27	Soil	01-Apr-20 12:13	07-Apr-20 16:31			
SW - 15 3' COMP	H001038-33	Soil	01-Apr-20 12:42	07-Apr-20 16:31			
SW - 16 3' COMP	H001038-34	Soil	01-Apr-20 12:43	07-Apr-20 16:31			
HA - 17 4'	H001038-35	Soil	01-Apr-20 12:47	07-Apr-20 16:31			
HA -17 6'	H001038-36	Soil	01-Apr-20 12:50	07-Apr-20 16:31			
HA - 17 8'	H001038-37	Soil	01-Apr-20 12:52	07-Apr-20 16:31			
SW - 11 3' COMP	H001038-44	Soil	01-Apr-20 13:24	07-Apr-20 16:31			
SW - 12 3' COMP	H001038-45	Soil	01-Apr-20 13:26	07-Apr-20 16:31			
HA - 16 4'	H001038-46	Soil	01-Apr-20 13:30	07-Apr-20 16:31			
HA - 16 6'	H001038-47	Soil	01-Apr-20 13:34	07-Apr-20 16:31			
HA - 16 8'	H001038-48	Soil	01-Apr-20 13:37	07-Apr-20 16:31			
SW - 9 3' COMP	H001038-55	Soil	01-Apr-20 14:10	07-Apr-20 16:31			
SW - 10 3' COMP	H001038-56	Soil	01-Apr-20 14:12	07-Apr-20 16:31			
SP- 8 4'	H001038-57	Soil	01-Apr-20 14:26	07-Apr-20 16:31			
SP - 7 3' COMP	H001038-66	Soil	01-Apr-20 15:00	07-Apr-20 16:31			
SP - 9 3' COMP	H001038-67	Soil	01-Apr-20 15:05	07-Apr-20 16:31			
HA - 15 4'	H001038-68	Soil	02-Apr-20 09:19	07-Apr-20 16:31			
HA - 15 6'	H001038-69	Soil	02-Apr-20 09:22	07-Apr-20 16:31			

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210		Project Number: Project Manager:		Reported: 15-Apr-20 09:20
HA - 15 8'	H001038-70	Soil	02-Apr-20 09:25	07-Apr-20 16:31
SW - 7 3' COMP	H001038-77	Soil	02-Apr-20 10:02	07-Apr-20 16:31
SW - 8 3' COMP	H001038-78	Soil	02-Apr-20 10:05	07-Apr-20 16:31
HA - 14 4'	H001038-79	Soil	02-Apr-20 10:09	07-Apr-20 16:31
SW - 5 3' COMP	H001038-88	Soil	02-Apr-20 10:45	07-Apr-20 16:31
SW - 6 3' COMP	H001038-89	Soil	02-Apr-20 10:48	07-Apr-20 16:31
HA - 13 4'	H001038-90	Soil	02-Apr-20 10:53	07-Apr-20 16:31

04/15/20 - Client added analysis to samples -26, -27, -47 and -48. This is the revised report and will replace the one sent on 04/13/20.

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project:ENTERPRISE PIPELINE #1009Reported:Project Number:700348.425.0115-Apr-20 09:20Project Manager:DAVID ADKINSFax To:(575) 745-8905									
			_	8 - 3 4' 038-01 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040805	MS	09-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040805	MS	09-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0040805	MS	09-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040805	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040805	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.9 %	73.3	-129	0040805	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040803	MS	08-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040803	MS	08-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040803	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctane			93.0 %	44.3	-144	0040803	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			103 %	42.2	-156	0040803	MS	08-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210		Project:ENTERPRISE PIPELINE #1009Reported:Project Number:700348.425.0115-Apr-20 09:20Project Manager:DAVID ADKINSFax To:(575) 745-8905									
				5 3' CON 038-11 (Se							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Labora	tories						
Inorganic Compounds											
Chloride	16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B		
Volatile Organic Compound	s by EPA Method 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	0040805	MS	09-Apr-20	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	0040805	MS	09-Apr-20	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040805	MS	09-Apr-20	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040805	MS	09-Apr-20	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	0040805	MS	09-Apr-20	8021B		
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.3 %	73.3	-129	0040805	MS	09-Apr-20	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B		
Surrogate: 1-Chlorooctane			90.3 %	44.3	-144	0040807	MS	08-Apr-20	8015B		
Surrogate: 1-Chlorooctadecane			93.3 %	42.2	-156	0040807	MS	08-Apr-20	8015B		

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project:ENTERPRISE PIPELINE #1009Reported:Project Number:700348.425.0115-Apr-20 09Project Manager:DAVID ADKINSFax To:(575) 745-8905								20	
				5 3' CON 038-12 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040810	MS	08-Apr-20	8021B	QR-03
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040810	MS	08-Apr-20	8021B	QR-03
Total BTEX	< 0.300		0.300	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		99.6 %	73.3	-129	0040810	MS	08-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	I	0040807	MS	08-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctane			92.1 %	44.3	-144	0040807	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			97.1 %	42.2	-156	0040807	MS	08-Apr-20	8015B	

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Celez D. Kene



TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project: ENTERPRISE PIPELINE #1009 Reported: Project Number: 700348.425.01 15-Apr-20 09:20 Project Manager: DAVID ADKINS Fax To: (575) 745-8905 HA - 18 4'									
				A - 18 4' 038-13 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040810	MS	08-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	73.3	-129	0040810	MS	08-Apr-20	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctane			97.4%	44.3	-144	0040807	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			100 %	42.2	-156	0040807	MS	08-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project:ENTERPRISE PIPELINE #1009Reported:Project Number:700348.425.0115-Apr-20 09:20Project Manager:DAVID ADKINSFax To:(575) 745-8905									
				3 3' CC 038-22 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds			······							
Chloride	32.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.3 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctane			90.3 %	44.3	-144	0040807	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			94.8 %	42.2	-156	0040807	MS	08-Apr-20	8015B	

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Celez D. Kena



TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project: ENTERPRISE PIPELINE #1009 Reported: Project Number: 700348.425.01 15-Apr-20 09:20 Project Manager: DAVID ADKINS Fax To: (575) 745-8905										
			H001	038-23 (Se	oil)						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
Inorganic Compounds											
Chloride	16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B		
Volatile Organic Compounds	by EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B		
Total Xylenes*	<0.150		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B		
Surrogate: 4-Bromofluorobenzene (PIL))		99.6%	73.3	-129	0040810	MS	09-Apr-20	8021B		
Petroleum Hydrocarbons by	GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B		
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040807	MS	08-Apr-20	8015B		
EXT DRO >C28-C36	<10.0		10.0	ıng/kg	1	0040807	MS	08-Apr-20	8015B		
Surrogate: 1-Chlorooctane			94.9 %	44.3	-144	0040807	MS	08-Apr-20	8015B		
Surrogate: 1-Chlorooctadecane			96.6 %	42.2	-156	0040807	MS	08-Apr-20	8015B		

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project:ENTERPRISE PIPELINE #1009Reported:Project Number:700348.425.0115-Apr-20 09:20Project Manager:DAVID ADKINSFax To:(575) 745-8905									20
				5-4 4'						
			H0010	038-24 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilntion	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	0.515		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	0.515		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			119 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	25,5		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	368		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	10.1		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			108 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			106 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project: ENTERPRISE PIPELINE #1009 Reported: Project Number: 700348.425.01 15-Apr-20 09:20 Project Manager: DAVID ADKINS Fax To: Fax To: (575) 745-8905 5									
				038-25 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.7 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg]	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			94.7 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			99.6 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project:ENTERPRISE PIPELINE #1009Reported:Project Number:700348.425.0115-Apr-20 09:20Project Manager:DAVID ADKINSFax To:(575) 745-8905									
				5- 4 8' 038-26 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								S-04
Benzene*	<0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	0.092		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	3.58		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	3.67		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			165 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by G	<u>C FID</u>									
GRO C6-C10*	180		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	182		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			116 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			102 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project:ENTERPRISE PIPELINE #1009Reported:Project Number:700348.425.0115-Apr-20 09:20Project Manager:DAVID ADKINSFax To:(575) 745-8905									20
				- 4 10' 038-27 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040907	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			99.0 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			104 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax	ber: 700 ger: DA\ To: (57	/ID ADKINS 5) 745-890	5	1009		Reported: 15-Apr-20 09:2	20
				5 3' CO)38-33 (So						
										1
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 8	8021							·	
Benzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.1 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by Ge	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	I	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	39.8		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			97.8 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			101 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 Iger: DA		l S	1009		Reported: 15-Apr-20 09:	20
				6 3' CO 038-34 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds			4-444							
Chloride	48.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	0.674		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	0.674		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		125 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	12.3		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	36,6		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			95.2 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			98.3 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	, ber: 700 ger: DA\		- 5	1009		Reported: 15-Apr-20 09::	20
				- 17 4'	- 11)					
······			HUUI)38-35 (Se				,		
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Toluene*	3.75		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	3.58		0.050	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	43.0		0.150	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Total BTEX	50.3		0.300	mg/kg	50	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (Pa	ID)		394 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	684		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	221		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: I-Chlorooctane			138 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			103 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 Iger: DAN		l G	1009	-	Reported: 15-Apr-20 09:2	20
				A - 17 6'						
			H0010	038-36 (S	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compound	is by EPA Method	8021								S-04
Benzene*	< 0.500		0.500	mg/kg	500	0040810	MS	09-Apr-20	8021B	
Toluene*	36.2		0.500	mg/kg	500	0040810	MS	09-Apr-20	8021B	
Ethylbenzene*	24.7		0.500	mg/kg	500	0040810	MS	09-Apr-20	8021B	
Total Xylenes*	191		1.50	mg/kg	500	0040810	MS	09-Apr-20	8021B	
Total BTEX	252		3.00	mg/kg	500	0040810	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (F	YID)		155 %	73.3	-129	0040810	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	y GC FID									S-04
GRO C6-C10*	2870		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	433		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			174 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			97.5 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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Celez Di Kene



TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 ager: DAN	FERPRISE F 348.425.01 /ID ADKIN9 5) 745-890	l S	1009		Reported: 15-Apr-20 09:	20
				- 17 8 038-37 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	torics					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	0.620		0.050	ıng/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	0.841		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	9.49		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	QM-07
Total BTEX	11.0		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1D))		161 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by (GC FID									
GRO C6-C10*	37.1		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	·······
DRO >C10-C28*	18.2		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			99.7 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			101 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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Celeg D. Kena



TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SW - 1	, ber: 700 ger: DAV	/ID ADKINS 5) 745-890 0MP	S	1009		Reported: 15-Apr-20 09:2	20
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	0.094		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	4.08		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	6.57		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	10.7		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			239 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	178		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	315		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			126 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			109 %	42.2		0040808	MS	09-Apr-20	8015B	

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Celeg & Kene



TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	ber: 700 Iger: DA		5	1009		Reported: 15-Apr-20 09:	20
				2 3' CC 038-45 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	0.164		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	6.29		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	6.45		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1D))		217 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	154		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	344		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			122 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			103 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 Iger: DA\		l 5	1009		Reported: 15-Apr-20 09:	20
				A - 16 4' 038-46 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PII	0)		99.9 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	11111111111111111111111111111111111111
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			93.5 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			97.8 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax HA	ager: 700 ager: DA\ To: (57!	/ID ADKINS 5) 745-890	5	1009		Reported: 15-Apr-20 09:	20
			HUUI	038-47 (Se	DII)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	0.171		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	0.053		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	0.380		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	0.604		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		101 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			93.8 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			97.2 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	ber: 700 ger: DA		5	1009		Reported: 15-Apr-20 09:	20
				A - 16 8')38-48 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds							-			
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.0 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			95.8 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			101 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 Iger: DAN	348.425.01	5	1009		Reported: 15-Apr-20 09:	20
				9 3' CO 038-55 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds		·								
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	0.208		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		127 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	12.4		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	178		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			99.1 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			101 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 Iger: DAV		1 S	1009		Reported: 15-Apr-20 09:	20
				0 3' CC 038-56 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds	······									
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds b	v EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.8 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane	<u> </u>		94.7 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			98.5 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SP	ber: 700 ger: D A\ To: (57!	/ID ADKIN9 5) 745-890	S	1009	1	Reported: 15-Apr-20 09:2	20
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds				·····						
Chloride	<16.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compounds by]	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			102 %	44.3	-144	0040808	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			107 %	42.2	-156	0040808	MS	09-Apr-20	8015B	

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Celleg D. Kuna



TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax	, ber: 700 ger: DA\	(ID ADKINS 5) 745-890	5	1009		Reported: 15-Apr-20 09:	20
			H001()38-66 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)			105 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
DRO >C10-C28*	78.8		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	ıng/kg	1	0040809	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctane			84.9 %	44.3	-144	0040809	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			89.5 %	42.2	-156	0040809	MS	08-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax	ber: 700 ger: DA\ To: (57	/ID ADKIN9 5) 745-890	L 5	1009		Reported: 15-Apr-20 09:	20
) 3' CON)38-67 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0040908	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040811	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.2 %	73.3	-129	0040811	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	CFID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctane			93.9 %	44.3	-]44	0040809	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			98.2 %	42.2	-156	0040809	MS	08-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	ber: 700 ager: DAN		5	1009		Reported: 15-Apr-20 09::	20
				A - 15 4' 038-68 (Se						
				050-06 (5						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories		. mannaamhada			
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	8021								S-04
Benzene*	<0.500		0.500	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Toluene*	4.10		0.500	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Ethylbenzene*	< 0.500		0.500	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Total Xylenes*	67.6		1.50	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Total BTEX	71.7		3.00	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (F	YID)		154 %	73.3	-129	0040811	MS	13-Apr-20	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	693		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
DRO >C10-C28*	323		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctane			115 %	44.3	-144	0040809	MS	08-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			98.2 %	42.2	-156	0040809	MS	08-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	ber: 700 ger: DA		5	1009		Reported: 15-Apr-20 09:2	20
				A - 15 6' 038-69 (Se						
)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	8021								S-04
Benzene*	<0.500		0.500	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Toluene*	6.51		0.500	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Ethylbenzene*	< 0.500		0.500	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Total Xylenes*	96.2		1.50	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Total BTEX	103		3.00	mg/kg	500	0040811	MS	13-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		136 %	73.3	-129	0040811	MS	13-Apr-20	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	717		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	235		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			103 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			97.1%	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax HA	iber: 700 iger: DA\ To: (57) 	/ID ADKIN9 5) 745-890	L S	1009		Reported: 15-Apr-20 09:2	20
			H0010	038-70 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040811	MS	13-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040811	MS	13-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040811	MS	13-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040811	MS	13-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040811	MS	13-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.0 %	73.3	-129	0040811	MS	13-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID		A							
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			91.8 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			97.0 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 Iger: DAV		5	1009		Reported: 15-Apr-20 09:2	20
				7 <mark>3'</mark> CO 038-77 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	0.882		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	0.882		0.300	nıg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		141 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	25.3		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	289		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: I-Chlorooctane			96.4 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			103 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SW - 3	ber: 700 ger: DA	/ID ADKIN9 5) 745-890 MP	L S	1009		Reported: 15-Apr-20 09:2	20
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)			100 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	nıg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			89.5 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			94.0 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fay	ager: 700 ager: DAN To: (57	/ID ADKIN9 5) 745-890	l S	1009		Reported: 15-Apr-20 09:;	20
				14 4 038-79 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds b	ov EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.8 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			92.1 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			95.4 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Nurr Project Mana	ager: 700 ger: DA\ To: (57	/ID ADKIN9 5) 745-890	l 6	1009		Reported: 15-Apr-20 09:2	20
))38-88 (Se						
			Poporting							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	ıng/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PIE))		101 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by (GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			96.5 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			106 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SW - 6	ber: 700 ger: DA\ To: (57	/ID ADKINS 5) 745-890 DMP	6	1009		Reported: 15-Apr-20 09:	20
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.9 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			92.1 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			95.5 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	iber: 700 ager: DAN		l S	1009		Reported: 15-Apr-20 09:	20
				- 13 4 038-90 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds							····			
Chloride	144		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compound	s by EPA Method	3021								
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		100 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			91.5 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			95.9 %	42.2	-156	0040809	MS	, 09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE.	Project Number:		Reported: 15-Apr-20 09:20
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0040902 - 1:4 DI Water									112, 01	
Blank (0040902-BLK1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	ND	16.0	mg/kg							
LCS (0040902-BS1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (0040902-BSD1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 0040907 - 1:4 DI Water										
Blank (0040907-BLK1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	ND	16.0	mg/kg							
LCS (0040907-BS1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	432	16.0	ıng/kg	400		108	80-120			
LCS Dup (0040907-BSD1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 0040908 - 1:4 DI Water										
Blank (0040908-BLK1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	ND	16.0	mg/kg							
LCS (0040908-BS1)				Prepared &	Analyzed:	09-Apr-20				
Chloride	384	16.0	mg/kg	400		96.0	80-120			

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	Project: ENTERPRISE PIPELINE #1009 Number: 700348.425.01 Manager: DAVID ADKINS Fax To: (575) 745-8905	Reported: 15-Apr-20 09:20
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch 0040908 - 1:4 DI Water											
LCS Dup (0040908-BSD1)	Prepared & Analyzed: 09-Apr-20										
Chloride	400	16.0	mg/kg	400		100	80-120	4.08	20		

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project Number: Project Manager:	DAVID ADKINS	Reported: 15-Apr-20 09:20
	Fax To:	(575) 745-8905	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
										110103
Batch 0040805 - Volatiles										
Blank (0040805-BLK1)				Prepared: (08-Apr-20 A	nalyzed: 0	9-Apr-20			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.6	73.3-129			
LCS (0040805-BS1)				Prepared: ()8-Apr-20 A	malyzed: 0	9-Apr-20			
Benzene	2.05	0.050	mg/kg	2.00		102	72.2-131			
Toluene	2.05	0,050	mg/kg	2.00		102	71.7-126			
Ethylbenzene	2.05	0.050	mg/kg	2.00		102	68.9-126			
Total Xylenes	5.91	0.150	mg/kg	6.00		98.4	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.7	73.3-129			
LCS Dup (0040805-BSD1)				Prepared: ()8-Apr-20 A	analyzed: 0	9-Apr-20			
Benzene	2.01	0.050	mg/kg	2.00		101	72.2-131	1.76	14.6	
Toluene	2.01	0.050	mg/kg	2.00		100	71.7-126	2.05	17.4	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	68.9-126	1.43	18.9	
Total Xylenes	5.82	0.150	mg/kg	6.00		97.0	71.4-125	1.44	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	73.3-129			
Batch 0040810 - Volatiles										
Blank (0040810-BLK1)				Prepared &	z Analyzed:	08-Apr-20				
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)

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mg/kg

0.0500

99.8

73.3-129

ND

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TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	15-Apr-20 09:20
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike	Source Result	%REC	%REC	DDD	RPD	N 1.1
Analyte	Kesuit	Linn	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0040810 - Volatiles										
LCS (0040810-BS1)				Prepared &	Analyzed:	08-Apr-20				
Benzene	2.00	0.050	mg/kg	2.00		99.9	72.2-131			
Toluene	2.01	0.050	mg/kg	2.00		100	71.7-126			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	68.9-126			
Total Xylenes	5.90	0.150	mg/kg	6.00		98.4	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	73.3-129			
LCS Dup (0040810-BSD1)				Prepared &	Analyzed:	08-Apr-20				
Benzene	1.98	0.050	mg/kg	2.00		99.0	72.2-131	0.929	14.6	
Toluene	1.99	0.050	mg/kg	2.00		99.7	71.7-126	0.664	17.4	
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	68.9-126	0.641	18.9	
Total Xylenes	5,86	0.150	mg/kg	6.00		97.7	71.4-125	0.664	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	73.3-129			
Batch 0040811 - Volatiles										
Blank (0040811-BLK1)				Prepared: 0)8-Apr-20 A	nalyzed: 0	9-Apr-20			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.2	73.3-129			
LCS (0040811-BS1)				Prepared: 0	08-Apr-20 A	malyzed: 0	9-Apr-20			
Benzene	2.01	0.050	mg/kg	2.00		101	72.2-131			
Toluene	1.99	0.050	mg/kg	2.00		99.6	71.7-126			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	68.9-126			
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	71.4-125			

Surrogate: 4-Bromofluorobenzene (P1D)

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mg/kg

0.0500

99.2

73.3-129

0.0496

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TALON LPE 408 W. TEXAS AVE.	Project: Project Number:	ENTERPRISE PIPELINE #1009 700348.425.01	Reported: 15-Apr-20 09:20
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0040811 - Volatiles										
LCS Dup (0040811-BSD1)				Prepared: ()8-Apr-20 A	Analyzed: (9-Apr-20			
Benzene	2.03	0.050	mg/kg	2.00		102	72.2-131	0.971	14.6	
Toluene	2.02	0.050	mg/kg	2.00		101	71.7-126	1.65	17.4	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	68.9-126	1.20	18.9	
Total Xylenes	5.85	0.150	mg/kg	6.00		97.5	71.4-125	0.980	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.3	73.3-129			
Batch 0040812 - Volatiles							~			
Blank (0040812-BLK1)				Prepared: ()8-Apr-20 A	nalyzed: 1	0-Apr-20			
Benzene	ND	0.050	mg/kg		<u></u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorohenzene (PID)	0.0500		mg/kg	0.0500		100	73.3-129			
LCS (0040812-BS1)				Prepared: ()8-Apr-20 A	nalyzed: 1	0-Apr-20			
Benzene	1.78	0.050	mg/kg	2.00		89.2	72.2-131			
Toluene	1.79	0.050	mg/kg	2.00		89.3	71.7-126			
Ethylbenzene	1.79	0.050	mg/kg	2.00		89.6	68.9-126			
Total Xylenes	5.24	0.150	mg/kg	6.00		87.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	73.3-129			
LCS Dup (0040812-BSD1)				Prepared: 0	08-Apr-20 A	nalyzed: 1	0-Apr-20			
Benzene	1.94	0.050	mg/kg	2.00		96.9	72.2-131	8.36	14.6	
Toluene	1.95	0.050	mg/kg	2.00		97.3	71.7-126	8,55	17.4	
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	68.9-126	8,85	18.9	
Total Xylenes	5.72	0.150	mg/kg	6.00		95.4	71.4-125	8.93	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	73.3-129			

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TALON LPE 408 W. TEXAS AVE.	Project: Project Number:	ENTERPRISE PIPELINE #1009 700348.425.01	Reported: 15-Apr-20 09:20
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

	n 1:	Reporting		Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 0040803 - General Prep - Organics											
Blank (0040803-BLK1)				Prepared &	Analyzed:	08-Apr-20					
GRO C6-C10	ND	10.0	mg/kg								
DRO >C10-C28	ND	10.0	mg/kg								
EXT DRO >C28-C36	ND	10.0	mg/kg								
Surrogate: 1-Chlorooctane	45.4		mg/kg	50.0		90.8	44.3-144			-	
Surrogate: 1-Chlorooctadecane	49.9		mg/kg	50.0		99.8	42.2-156				
LCS (0040803-BS1)	Prepared & Analyzed: 08-Apr-20										
GRO C6-C10	195	10.0	ıng/kg	200		97.4	78.8-127				
DRO >C10-C28	199	10.0	mg/kg	200		99.7	80-132				
Total TPH C6-C28	394	10.0	mg/kg	400		98.6	81.3-128				
Surrogate: 1-Chlorooctane	47.2		mg/kg	50.0		94.4	-44.3-1-44				
Surrogate: 1-Chlorooctadecane	52.3		mg/kg	50.0		105	42.2-156				
LCS Dup (0040803-BSD1)				Prepared &	Analyzed:	08-Apr-20					
GRO C6-C10	195	10.0	mg/kg	200		97,3	78.8-127	0.0842	15.1		
DRO >C10-C28	204	10.0	mg/kg	200		102	80-132	2.20	17.1		
Total TPH C6-C28	398	10.0	mg/kg	400		99.6	81.3-128	1.08	15		
Surrogate: 1-Chlorooctane	47.9		mg/kg	50.0		95.8	44.3-144				
Surrogate: 1-Chlorooctadecane	52.2		mg/kg	50.0		104	42.2-156				

Batch 0040807 - General Prep - Organics

Blank (0040807-BLK1)				Prepared & Anal	yzed: 08-Apr-20)	
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	47.0		mg/kg	50.0	94.1	44.3-144	
Surrogate: 1-Chlorooctadecane	49.2		mg/kg	50.0	98.3	42.2-156	

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Page 151 of 210

Analytical Results For:

TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	15-Apr-20 09:20
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

· · · · · · · · · · · · · · · · · · ·										
Analyte	Result	Reporting Limit	Units	Spike Level	Source	WDEC	%REC	DDD	RPD	
	Kesun	Linit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0040807 - General Prep - Organics										
LCS (0040807-BS1)				Prepared &	Analyzed:	08-Apr-20	1			
GRO C6-C10	191	10.0	mg/kg	200		95,7	78.8-127			
DRO >C10-C28	188	10.0	mg/kg	200		94.1	80-132			
Total TPH C6-C28	380	10.0	mg/kg	400		94.9	81.3-128			
Surrogate: 1-Chlorooctane	-19 .7		mg/kg	50.0		99.3	44.3-144			
Surrogate: 1-Chlorooctadecane	51.0		mg/kg	50.0		102	42.2-156			
LCS Dup (0040807-BSD1)				Prepared &	Analyzed:	08-Apr-20				
GRO C6-C10	190	10.0	mg/kg	200		95.1	78.8-127	0.652	15.1	
DRO >C10-C28	184	10.0	mg/kg	200		92.0	80-132	2.27	17.1	
Total TPH C6-C28	374	10.0	mg/kg	400		93.6	81.3-128	1.45	15	
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	44.3-144			
Surrogate: 1-Chlorooctadecane	53.7		mg/kg	50.0		107	42.2-156			
Batch 0040808 - General Prep - Organics										
Blank (0040808-BLK1)				Prepared: 0	8-Apr-20 A	.nalyzed: 0	9-Apr-20			
GRO C6-C10	ND	10.0	mg/kg				,			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.6		mg/kg	50.0		95.1	44.3-144			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0		100	42.2-156			
LCS (0040808-BS1)				Prepared: 0	8-Apr-20 A	.nalyzed: 0	9-Apr-20			
GRO C6-C10	192	10.0	mg/kg	200	-	96.1	78.8-127			
DRO >C10-C28	188	10.0	mg/kg	200		93.9	80-132			
Total TPH C6-C28	380	10.0	mg/kg	400		95.0	81.3-128			
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	44.3-144			

Received by OCD: 4/28/2020 11:29:39 AM

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TALON LPE	Project: I	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	15-Apr-20 09:20
ARTESIA NM, 88210	Project Manager: 1	DAVID ADKINS	
	Fax To: ((575) 745-8905	

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0040808 - General Prep - Organics										
LCS Dup (0040808-BSD1)				Prepared: 0)8-Apr-20 A	analyzed: 0	9-Apr-20			
GRO C6-C10	195	10.0	mg/kg	200	· •	97.6	78.8-127	1,61	15.1	
DRO >C10-C28	191	10.0	mg/kg	200		95.3	80-132	1.55	17.1	
Total TPH C6-C28	386	10.0	mg/kg	400		96.5	81.3-128	1.58	15	
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.3-144			
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	42.2-156			
Batch 0040809 - General Prep - Organics										
Blank (0040809-BLK1)				Prepared &	Analyzed:	08-Apr-20				
GRO C6-C10	ND	10.0	mg/kg		-					
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.8		mg/kg	50.0		91.6	44.3-144			
Surrogate: 1-Chlorooctadecane	47.6		mg/kg	50.0		95.2	42.2-156			
LCS (0040809-BS1)				Prepared &	Analyzed:	08-Apr-20				
GRO C6-C10	198	10.0	mg/kg	200	······	99.1	78.8-127			
DRO >C10-C28	230	10.0	mg/kg	200		115	80-132			
Fotal TPH C6-C28	428	10.0	mg/kg	400		107	81.3-128			
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.9	44.3-144			
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0		99.5	42.2-156			
LCS Dup (0040809-BSD1)				Prepared &	Analyzed:	08-Apr-20				
3RO C6-C10	198	10.0	mg/kg	200		99.1	78.8-127	0.0873	15.1	
DRO >C10-C28	227	10.0	mg/kg	200		114	80-132	1.17	17.1	
Fotal TPH C6-C28	425	10.0	mg/kg	400		106	81.3-128	0.668	15	
Surrogate: 1-Chlorooctane	47.7		mg/kg	50.0		95.4	44.3-144			
Surrogate: 1-Chlorooctadecane	49.4		mg/kg	50.0		98.8	42.2-156			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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aase fax written changes to (878) 393-2826	4/13 The The Tes (600 mg/kg C1, 100 mg/kg TPH, 50 mg/kg BTEX).	ple condition CHECKED BY: { all below closure crit	t only until concentrations	PARAMENTA fuller & For each sample set (e.g. HA-18, B-1, etc.)	Z∂ kecenved by: Fax Result I Yes I No Add'I Fax %	es moze in ynung ang maerika of -unional wonn ou noer oer nur englinnen en nie opposite. Denkoes hierryblen, less fitten o hon of pratie kurrera fy Oriente is archeiden. Of Whether such color is broed lagor any of the gloove stated regions of otherwise.					10:52	10:50		G I I I I I I I I I I I I I I I I I I I	\mathcal{L}	-C V V V-1-20 10:33 W W	(G)RAB OR (C)C \ddagger CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: \Box Tottof BTE TPH	R WATTRIX PRESERVI SAMPLING	Fax#	Phone #:	oill State: Zip:	Enterprise city:	Address	IM Zie: 88210 Atte: David Adkins	Company: Tales LPC		ANALYSIS REQUEST	NM 88240 393-2476	CHAIN-OF-CUSTODY AND ANALYSIS. REQUEST	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Sample Condition CHECKED BY: $H = 1$ OBION CLOSURE CITERIA TO THE TO $\frac{1}{14}$ $\frac{1}{12}$ $\frac{1}{14}$ $\frac{1}{12}$ $\frac{1}{14}$ $\frac{1}{12}$ $\frac{1}{$	sample set (e.g. HA-18, st only until concentrat	Imp: 8 210 Attn:: David Attn:: Attn:: David Attn:: <td>ANALYSIS REQUEST</td> <td>A CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</td>	ANALYSIS REQUEST	A CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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5	and checken average of the second and the second an	t only until concentrations	5 3 9	Received By: Image: Control of the second	L					Δν: eo				G V Y Y Z	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : $\Box = 1$ $\Box = 1$ \Box	WATRIX PRESERV SAMPLING		Phone 弊	o; (/ State: Zip:	Enterprise oily:	Address:	ZID: 88210 Attr: David Adk	Company: Talon LPC	P.O. # 700348.425.01	ANALYSIS REQUEST	882A0 -2476	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	D	

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Theorem and the formed of the theory of theo	test only until concentrations	1. Stall be labeled to the ensemble interface.	. [*	V 4-2-20 10:15 V V 10:23	Total Ch BTEX	David Adkins ess: : Zp: e≋:	Company: Talon LPE	CHAIN-OF-CUSTODY AND ANAL

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April 16, 2020

DAVID ADKINS TALON LPE 408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ENTERPRISE PIPELINE #1009

Enclosed are the results of analyses for samples received by the laboratory on 04/07/20 16:31.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524,2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 29





TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210		Project: ENTER oject Number: 700348 oject Manager: DAVID Fax To: (575)	ADKINS	Reported: 16-Apr-20 12:07
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA - 13 6'	H001039-01	Soil	02-Apr-20 10:55	07-Apr-20 16:31
HA - 13 8'	H001039-02	Soil	02-Apr-20 10:59	07-Apr-20 16:31
SW - 3 3' COMP	H001039-09	Soil	02-Apr-20 11:30	07-Apr-20 16:31
SW - 4 3' COMP	H001039-10	Soil	02-Apr-20 11:31	07-Apr-20 16:31
SP - 11 3' COMP	H001039-11	Soil	02-Apr-20 11:40	07-Apr-20 16:31
SP - 12 3' COMP	H001039-12	Soil	02-Apr-20 11:42	07-Apr-20 16:31
SP- 10 4'	H001039-13	Soil	02-Apr-20 11:53	07-Apr-20 16:31
SP - 14 3' COMP	H001039-22	Soil	02-Apr-20 12:55	07-Apr-20 16:31
SP - 15 3' COMP	H001039-23	Soil	02-Apr-20 13:03	07-Apr-20 16:31
SP - 16 3' COMP	H001039-24	Soil	02-Apr-20 13:06	07-Apr-20 16:31
B-1 4'	H001039-25	Soil	02-Apr-20 13:09	07-Apr-20 16:31
B - 1 16'	H001039-31	Soil	02-Apr-20 13:25	07-Apr-20 16:31
B - 1 18'	H001039-32	Soil	02-Apr-20 13:27	07-Apr-20 16:31
B ~ 1 20'	H001039-33	Soil	02-Apr-20 13:31	07-Apr-20 16:31

04/15/20 - Client added analysis to samples -01 and -02. This is the revised report and will replace the one sent on 04/13/20. 04/16/20 - Client added analysis to samples -31, -32 and -33 on 04/15/20. 2nd revision of the report issued with these changes and will replace the 1st revision issued 04/15/20.

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	ber: 700 Iger: DA		5	1009		Reported: 16-Apr-20 12:	07
				- 13 6)39-01 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 8	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			106 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			110 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax HA	, ber: 700 ger: DA\	/ID ADKIN9 5) 745-890	S	1009		Reported: 16-Apr-20 12:	07
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds									***	
Chloride	16.0		16.0	mg/kg	4	0040902	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			101 %	44.3	-144	0040809	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			106 %	42.2	-156	0040809	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SW - 3	ber: 700 ger: DA\ To: (57	/ID ADKINS 5) 745-890)MP	L S	1009		Reported: 16-Apr-20 12	:07
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	3021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	0.783		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	GC-NC1
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	6.10		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	GC-NC1
Total BTEX	6.89		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		215 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by (GC FID									
GRO C6-C10*	54.1		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	QM-07
DRO >C10-C28*	48.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			110 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			117 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax	ber: 700 ger: DA\ To: (57	/ID ADKIN9 5) 745-890	L S	1009	1	Reported: 16-Apr-20 12:(07
			SW - 4 H0010	3' CC 39-10 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds								(111111 - 11111)		
Chloride	64.0		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	l	0040813	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			101 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			112 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SP - 11	ber: 700 ger: DA\ To: (57	/ID ADKINS 5) 745-890 	5	1009	1	Reported: 6-Apr-20 12:0	07
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	3021								
Benzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		100 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by (GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			104 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			118 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	ber: 700 ger: DA		l S	1009		Reported: 16-Apr-20 12:	07
			SP - 12 H001	2 3' CC 039-12 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		99.6 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by (GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			107 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			119 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SF	ber: 700 Iger: DA	/ID ADKINS 5) 745-890	5	1009		Reported: 16-Apr-20 12:	07
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					······································
Inorganic Compounds							Handhara an Anna an An			
Chloride	128		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040812	MS	10-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)			99.7 %	73.3	-129	0040812	MS	10-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			107 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			119 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax SP - 14	ber: 700 ger: DA\ To: (57	/ID ADKIN5 5) 745-890 MP	5	1009		Reported: 16-Apr-20 12:	07
			110010	JJJ-22 (30	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	200944 - 141 - 141 - 1				
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories			WWWWWWWWWWWWWWWWWWWWWWWWWWWWW	,	
Inorganic Compounds										
Chloride	544		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-CI-B	
Volatile Organic Compounds b	v EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3	-129	0040901	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			95.1 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			105 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project: ENTERPRISE PIPELINE #1009 Reported: Project Number: 700348.425.01 16-Apr-20 12: Project Manager: DAVID ADKINS Fax To: Fax To: (575) 745-8905 9000000000000000000000000000000000000											
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	ories							
Inorganic Compounds										····		
Chloride	976		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B			
Volatile Organic Compounds by	EPA Method	8021										
Benzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040901	MS	09-Apr-20	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	0040901	MS	09-Apr-20	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3	-129	0040901	MS	09-Apr-20	8021B			
Petroleum Hydrocarbons by GC	FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B			
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B			
Surrogate: 1-Chlorooctane			98.9 %	44.3	-144	0040813	MS	09-Apr-20	8015B			
Surrogate: 1-Chlorooctadecane			110 %	42.2	-156	0040813	MS	09-Apr-20	8015B			

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Celey D. Keene, Lab Director/Quality Manager

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Reported: 16-Apr-20 12:07							
			SP - 16 H001	5 3' CO 039-24 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Арг-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Арг-20	8021B	
Total Xylenes*	0.196		0.150	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		108 %	73.3	-129	0040901	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	15.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
DRO >C10-C28*	203		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			109 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			114 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax	ber: 700 ger: DA\	/ID ADKINS 5) 745-890	S	1009		Reported: 16-Apr-20 12:	07
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	ories					
Inorganic Compounds										
Chloride	528		16.0	mg/kg	4	0040910	AC	09-Apr-20	4500-Cl-B	
Volatile Organic Compounds by I	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0040901	MS	09-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)			98.8 %	73.3	-129	0040901	MS	09-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctane			98.5 %	44.3	-144	0040813	MS	09-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			109 %	42.2	-156	0040813	MS	09-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fay B	iber: 700 ager: DAN	/ID ADKINS 5) 745-890	L S	1009		Reported: 16-Apr-20 12:	07
Analyte	Result	MDL	Reportiug Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	0041601	AC	16-Apr-20	4500-Cl-B	
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1D)			101 %	73.3	-129	0041509	MS	16-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
Surrogate: 1-Chlorooctane			90.7 %	44.3	-144	0041510	MS	15-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			96.4 %	42.2	-156	0041510	MS	15-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana	, ber: 700 ger: DA\		L 6	1009		Reported: 16-Apr-20 12:	07
			_	- 1 18')39-32 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0041601	AC	16-Apr-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
Benzene*	< 0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		100 %	73.3	-129	0041509	MS	16-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
Surrogate: 1-Chlorooctane			99.2 %	44.3	-144	0041510	MS	15-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			104 %	42.2	-156	0041510	MS	15-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Reported: 16-Apr-20 12:07							
			-	- 1 20' 039-33 (Se	oil)					
			Reporting							
Analyte	Result	MDL	Ĺimit	Units	Dilntion	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	0041601	AC	16-Apr-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041509	MS	16-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PL	0)		101 %	73.3	-129	0041509	MS	16-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041510	MS	15-Apr-20	8015B	
Surrogate: 1-Chlorooctane			101 %	44.3	-144	0041510	MS	15-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			108 %	42.2	-156	0041510	MS	15-Apr-20	8015B	

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TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	16-Apr-20 12:07
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Inorganic Compounds - Quality Control

Cardinal Laboratories

Result	Reporting Limit		Spike	Source		%REC			
		Units	Level	Result	%REC	Limits	RPD	RPD Limit	Notes
			Prepared &	z Analyzed:	09-Apr-20				
ND	16.0	mg/kg							
			Prepared &	Analyzed:	09-Apr-20				
416	16.0	mg/kg	400		104	80-120			
			Prepared &	Analyzed:	09-Apr-20				
432	16.0	mg/kg	400		108	80-120	3.77	20	
			Prepared &	Analyzed:	09-Apr-20				
ND	16.0	mg/kg							
			Prepared &	Analyzed:	09-Apr-20				
432	16.0	mg/kg	400		108	80-120			
			Prepared &	Analyzed:	09-Apr-20				
432	16.0	mg/kg	400		108	80-120	0.00	20	
			Prepared &	Analyzed:	16-Apr-20				
ND	16.0	mg/kg			· · ·				
			Prepared &	: Analyzed:	16-Apr-20				
448	16.0	mg/kg	400		112	80-120			
	416 432 ND 432 432 ND	416 16.0 432 16.0 ND 16.0 432 16.0 432 16.0 ND 16.0 16.0 16.0 16.0 16.0 16.0 16.0	416 16.0 mg/kg 432 16.0 mg/kg ND 16.0 mg/kg 432 16.0 mg/kg 432 16.0 mg/kg ND 16.0 mg/kg 16.0 mg/kg 16.0 mg/kg	ND 16.0 mg/kg Prepared & 416 16.0 mg/kg 400 Prepared & 432 16.0 mg/kg 400 Prepared & ND 16.0 mg/kg 400 Prepared & 432 16.0 mg/kg 432 16.0 mg/kg 400 Prepared & 432 16.0 mg/kg 400 Prepared & 432 16.0 mg/kg 400 Prepared & 16.0 mg/kg 400 Prepared & MD 16.0 mg/kg 400 Prepared &	ND 16.0 mg/kg Prepared & Analyzed: 416 16.0 mg/kg 416 16.0 mg/kg 432 16.0 mg/kg Prepared & Analyzed: 432 16.0 mg/kg Prepared & Analyzed: ND 16.0 mg/kg 432 16.0 mg/kg MD 16.0 mg/kg	Prepared & Analyzed: 09-Apr-20 416 16.0 mg/kg 400 104 Prepared & Analyzed: 09-Apr-20 432 16.0 mg/kg 400 108 432 16.0 mg/kg 400 108 Prepared & Analyzed: 09-Apr-20 ND 16.0 mg/kg 400 108 Prepared & Analyzed: 09-Apr-20 432 16.0 mg/kg 400 108 Prepared & Analyzed: 09-Apr-20 432 16.0 mg/kg 400 108 Prepared & Analyzed: 09-Apr-20 432 16.0 mg/kg 400 108 Prepared & Analyzed: 09-Apr-20 432 16.0 mg/kg 400 108 Prepared & Analyzed: 16-Apr-20 ND 16.0 mg/kg Prepared & Analyzed: 16-Apr-20 ND 16.0 mg/kg Prepared & Analyzed: 16-Apr-20	ND 16.0 mg/kg Prepared & Analyzed: 09-Apr-20 9416 16.0 mg/kg 400 104 80-120 416 16.0 mg/kg 400 104 80-120 432 16.0 mg/kg 400 108 80-120 432 16.0 mg/kg 400 108 80-120 ND 16.0 mg/kg Prepared & Analyzed: 09-Apr-20 108 80-120 MD 16.0 mg/kg 400 108 80-120 432 16.0 mg/kg 400 108 80-120 Prepared & Analyzed: 09-Apr-20 432 16.0 mg/kg 400 108 80-120 Prepared & Analyzed: 10-Apr-20 432 16.0 mg/kg 400 108 80-120 Prepared & Analyzed: 16-Apr-20 Prepared & Analyzed: 16-Apr-20	ND 16.0 mg/kg Prepared & Analyzed: 09-Apr-20 80-120 416 16.0 mg/kg 400 104 80-120 416 16.0 mg/kg 400 104 80-120 432 16.0 mg/kg 400 108 80-120 3.77 Prepared & Analyzed: 09-Apr-20 ND 16.0 mg/kg	ND 16.0 mg/kg Prepared & Analyzed: 09-Apr-20 416 16.0 mg/kg 400 104 80-120 416 16.0 mg/kg 400 104 80-120 432 16.0 mg/kg 400 108 80-120 3.77 20 Prepared & Analyzed: 09-Apr-20 ND 16.0 mg/kg

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	Reported: Apr-20 12:07
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0041601 - 1:4 DI Water										
LCS Dup (0041601-BSD1)				Prepared &	z Analyzed:	16-Apr-20				
Chloride	448	16.0	mg/kg	400		112	80-120	0.00	20	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project: Project Number: Project Manager:		Reported: 16-Apr-20 12:07
	Fax To:	(575) 745-8905	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 0040812 - Volatiles										
Blank (0040812-BLK1)				Prepared: 0	8-Apr-20 A	analyzed: 1	0-Арг-20			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	73.3-129			
LCS (0040812-BS1)				Prepared: 0	8-Apr-20 A	analyzed: 1	0-Apr-20			
Benzene	1.78	0.050	mg/kg	2.00		89.2	72.2-131			
Toluene	1.79	0.050	mg/kg	2.00		89.3	71.7-126			
Ethylbenzene	1.79	0.050	mg/kg	2.00		89.6	68.9-126			
Total Xylenes	5.24	0.150	mg/kg	6.00		87.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (P1D)	0.0506		mg/kg	0.0500		101	73.3-129			
LCS Dup (0040812-BSD1)				Prepared: 0	8-Apr-20 A	nalyzed: 1	0-Apr-20			
Benzene	1.94	0.050	mg/kg	2.00		96.9	72.2-131	8.36	14.6	
Toluene	1.95	0.050	mg/kg	2.00		97.3	71.7-126	8.55	17.4	
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	68.9-126	8.85	18.9	
Total Xylenes	5.72	0.150	mg/kg	6,00		95,4	71.4-125	8.93	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	73.3-129			

Batch 0040901 - Volatiles

Blank (0040901-BLK1)				Prepared & Analy	yzed: 09-Apr-20)		
Benzene	ND	0.050	mg/kg					
Toluene	ND	0.050	mg/kg					
Ethylbenzene	ND	0.050	mg/kg					
Total Xylenes	ND	0.150	mg/kg					
Total BTEX	ND	0.300	mg/kg					
Surrogate: 4-Bromofluorobenzene (P1D)	0.0500		mg/kg	0.0500	99.9	73.3-129		

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Received by OCD: 4/28/2020 11:29:39 AM

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TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	16-Apr-20 12:07
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD	NT-4
Analyte	Kesuit		Units	Level	Result	70KEC.	Limits	RPD	Limit	Notes
Batch 0040901 - Volatiles										
LCS (0040901-BS1)				Prepared &	Analyzed:	09-Apr-20				
Benzene	1.91	0.050	mg/kg	2.00		95.3	72.2-131			
Toluene	1.92	0.050	mg/kg	2.00		95.8	71.7-126			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.5	68.9-126			
Total Xylenes	5.66	0,150	mg/kg	6.00		94.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	73.3-129			
LCS Dup (0040901-BSD1)				Prepared &	Analyzed:	09-Apr-20				
Benzene	1.91	0.050	mg/kg	2.00		95.3	72.2-131	0.0296	14.6	
Toluene	1.92	0.050	mg/kg	2.00		96.1	71.7-126	0.285	17.4	
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.0	68.9-126	0.467	18.9	
Total Xylenes	5.67	0.150	mg/kg	6.00		94.5	71.4-125	0.263	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	73.3-129			
Batch 0041509 - Volatiles									40.11	
Blank (0041509-BLK1)				Prepared: 1	5-Apr-20 A	nalyzed: 1	6-Apr-20			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	73.3-129			
LCS (0041509-BS1)				Prepared: 1	5-Apr-20 A	nalyzed: 1	6-Apr-20			
Benzene	1.81	0.050	mg/kg	2.00		90.4	72.2-131			
Toluene	1.81	0.050	mg/kg	2.00		90.5	71.7-126			
Ethylbenzene	1.80	0.050	mg/kg	2.00		90.1	68.9-126			

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Surrogate: 4-Bromofluorobenzene (PID)

Total Xylenes

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mg/kg

mg/kg

6.00

0.0500

88.3

103

71.4-125

73.3-129

5.30

0.0516

0.150

Celeg D. Kene





TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	16-Apr-20 12:07
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
·	Fax To:	(575) 745-8905	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0041509 - Volatiles					070-00					
LCS Dup (0041509-BSD1)				Prepared: 1	5-Apr-20 A	nalyzed: 1	6-Apr-20			
Benzene	1.76	0.050	mg/kg	2.00		88.1	72.2-131	2.55	14.6	
Toluene	1.80	0.050	mg/kg	2.00		90.0	71.7-126	0.591	17.4	
Ethylbenzene	1.85	0.050	mg/kg	2.00		92.6	68.9-126	2.74	18.9	
Total Xylenes	5.47	0.150	mg/kg	6.00		91.1	71.4-125	3.13	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	73.3-129			

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TALON LPE 408 W. TEXAS AVE.	Project: Project Number:	ENTERPRISE PIPELINE #1009 700348.425.01	Reported: 16-Apr-20 12:07
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source	8/DEC	%REC	000	RPD	N T .
/Allalyte	Result	Linnt	UIIIIS	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0040809 - General Prep - Organics										
Blank (0040809-BLK1)				Prepared &	Analyzed:	08-Apr-20				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.8		mg/kg	50.0		91.6	44.3-144			
Surrogate: 1-Chlorooctadecane	47.6		mg/kg	50.0		95.2	42.2-156			
LCS (0040809-BS1)				Prepared &	: Analyzed:	08-Apr-20				
GRO C6-C10	198	10.0	mg/kg	200		99.1	78.8-127			
DRO >C10-C28	230	10.0	mg/kg	200		115	80-132			
Total TPH C6-C28	428	10.0	mg/kg	400		107	81.3-128			
Surrogate: 1-Chloroactane	47.4		mg/kg	50.0		94.9	44.3-144			
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0		<i>99,5</i>	42.2-156			
LCS Dup (0040809-BSD1)				Prepared &	: Analyzed:	08-Apr-20				
GRO C6-C10	198	10.0	mg/kg	200	·	99.1	78.8-127	0.0873	15.1	
DRO >C10-C28	227	10.0	mg/kg	200		114	80-132	1.17	17.1	
Total TPH C6-C28	425	10.0	mg/kg	400		106	81.3-128	0,668	15	
Surrogate: 1-Chlorooctane	47.7		mg/kg	50.0		95.4	44.3-144			
Surrogate: 1-Chlorooctadecane	49.4		mg/kg	50.0		98.8	42.2-156			

Blank (0040813-BLK1)	Prepared: 08-Apr-20 Analyzed: 09-Apr-20								
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0	93.5	44.3-144			
Surrogate: 1-Chlorooctadecane	51.8		mg/kg	50.0	104	42.2-156			

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81.3-128

44.3-144

42.2-156

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Analytical Results For:

TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	16-Apr-20 12:07
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0040813 - General Prep - Organics										
LCS (0040813-BS1)				Prepared: (08-Apr-20 A	Analyzed: 0	9-Apr-20			
GRO C6-C10	197	10.0	mg/kg	200		98.4	78.8-127			
DRO >C10-C28	206	10.0	mg/kg	200		103	80-132			
Total TPH C6-C28	403	10.0	mg/kg	400		101	81.3-128			
Surrogate: 1-Chlorooctane	49.I		mg/kg	50.0		<i>98.2</i>	44.3-144			
Surrogate: 1-Chlorooctadecane	53.9		mg/kg	50.0		108	42.2-156			
LCS Dup (0040813-BSD1)				Prepared: (08-Apr-20 A	Analyzed: 0	19-Apr-20			
GRO C6-C10	197	10.0	mg/kg	200		98.4	78.8-127	0.0569	15.1	
DRO >C10-C28	202	10.0	mg/kg	200		101	80-132	2.28	17.1	
Total TPH C6-C28	399	10.0	mg/kg	400		99.6	81.3-128	1.13	15	
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.8	44.3-144			
Surrogate: 1-Chlorooctadecane	53.7		mg/kg	50.0		107	42.2-156			
Batch 0041510 - General Prep - Organics										
Blank (0041510-BLK1)				Prepared &	z Analyzed:	15-Apr-20				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.8		mg/kg	50.0		95.7	44.3-144			
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0		99.6	42.2-156			
LCS (0041510-BS1)				Prepared &	z Analyzed:	15-Apr-20				
GRO C6-C10	193	10.0	mg/kg	200		96.7	78.8-127			
DRO >C10-C28	184	10.0	mg/kg	200		92.2	80-132			

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Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: I-Chlorooctadecane

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project Number: Project Manager:		Reported: 16-Apr-20 12:07
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories Spike Reporting %REC Source RPD Analyte Result Limit Units Level Result %REC Limits RPD Limit Notes Batch 0041510 - General Prep - Organics LCS Dup (0041510-BSD1) Prepared & Analyzed: 15-Apr-20 GRO C6-C10 191 10.0 200 mg/kg 95.7 78.8-127 1.11 15.1 DRO >C10-C28 182 10.0 mg/kg 200 90.8 80-132 1.56 17.1 Total TPH C6-C28 373 10.0 400 1.33 mg/kg 93.2 81.3~128 15 Surrogate: 1-Chlorooctane 50.2 50.0 100 44.3-144 mg/kg Surrogate: 1-Chlorooctadecane 50.9 mg/kg 50.0 102 42.2-156

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Notes and Definitions

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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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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Υ Cardinal carnoź accept verbał changes. Please far written changes to (575) 393-2326	wereau Ky; (Usircle Cine) Mer-UPS - Bus - Other: $S. 9c. \frac{1}{L}/2$ Grassing Condition OHEOKED BY: If all below closure cr; ter; a Mer-UPS - Bus - Other: $S. 9c. \frac{1}{L}/2$ Grassing Children (Midals) Mod Mod Mod Mod Mod Mod Mod Mod Mod Mod	Time: please test only unt:	100 kg 1 ling of Remarks:	semat vizikat infess made in viding and received by Cardinal within 30 stays alter completion of the applicable Mithori Unitation, befores interruptions, have of trues of practice herered by clients, how autoritations, refersive and the start of the start from generative alter completion of the applicable.	3 3 Comp C	K HA-13 18 K HA-13 20	-13 /	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\frac{\#A-13}{10}$	12/12 Japan 14 (2) (4) (5:01 02-2-2-11 12 12 12 12 12 12 12 12 12 12 12 12 1)OMP. IS · ER	Fax s	n: Lea, County Phone &	nt Pipeline # 1009 Sp; 11 States: Zip:	200348.425.01 Project Owner: Enternr:50 Giv:	M/M ZE 88210 Atte David Adk	408 W Texas Ave	Laion C AMALVSIS P.O. # 700 1 AMALVSIS	101 East Marland, Hobbs, NM 88240 (678) 398-2326 FAX (575) 393-2476 Contraity Name: 7 / / / 07	CHAIN-OF-CUSTODY AND	Laboratories .	A D D NAL
-		(Concentrations								the site of the					-				lysis request		D ANALYSIS. REQUEST		

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Sampler-LIPS - Bus - Other: $5.9c$ H/S res	Days-7-20 Received by: Three 31 Date: Received by: Date: Received by: Three 1 Received by: Received by: Received by: Received by: Received by:	PLEASE NOTE: Listing one Damper. Cardination (contraction) for any balance of the standard of th	SO BTEX	R: 88210 Company: Talon 196 R: 88210 Attn: David Adkin; Enterprise City: : (1 State: Zip: : (1 State: Zip: : (1 Prone #: : Interprise Fax #:	Nan	
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April 20, 2020

DAVID ADKINS TALON LPE 408 W. TEXAS AVE. ARTESIA, NM 88210

RE: ENTERPRISE PIPELINE #1009

Enclosed are the results of analyses for samples received by the laboratory on 04/17/20 9:45.

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.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Celey D. Keene Lab Director/Quality Manager

Page 1 of 15





TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210		oject Number: oject Manager;	ENTERPRISE PIPELINE #1009 700348.425.01 DAVID ADKINS (575) 745-8905	Reported: 20-Apr-20 14:25		
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received		
SW - 3 A 3'	H001137-01	Soil	16-Apr-20 14:20	17-Apr-20 09:45		
SW - 7 A 3'	H001137-02	Soil	16-Apr-20 14:30	17-Apr-20 09:45		
SW - 9 A 3'	H001137-03	Soil	16-Apr-20 14:40	17-Apr-20 09:45		
SW - 10 A 3'	H001137-04	Soil	16-Apr-20 14:50	17-Apr-20 09:45		
SW - 11 A 3'	H001137-05	Soil	16-Apr-20 15:00	17-Apr-20 09:45		
SW - 12 A 3'	H001137-06	Soil	16-Apr-20 15:10	17-Apr-20 09:45		
SP ~ 15 A 3'	H001137-07	Soil	16-Apr-20 15:20	17-Apr-20 09:45		
SP - 16 A 4'	H001137-08	Soil	16-Apr-20 15:30	17-Apr-20 09:45		

04/20/20 - Login entered the wrong sample ID for -08. This is the revised report with the corrected sample ID for -08 and will replace the report sent earlier 04/20/20.

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fay SW	ber: 700 ager: DAV To: (57	348.425.03 /ID ADKIN 5) 745-890	S	1009	2	Reported: 0-Apr-20 14:	25
			HUUL	137-01 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Volatile Organic Compounds I	oy EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3	-129	0041705	MS	17-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctane			90.7 %	44.3	-144	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			95.7 %	42.2	-156	0041702	MS	17-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax	ber: 700 ger: DAN	348.425.0: /ID ADKIN: 5) 745-890 	5	1009	2	Reported: 0-Apr-20 14:	25
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	73.3	-129	0041705	MS	17-Apr-20	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	n1g/kg	1	0041702	MS	17-Apr-20	8015B	
DRO >C10-C28*	16.3		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctane			90.3 %	44.3	-144	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			99.5 %	42.2	-156	0041702	MS	17-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Num Project Mana Fax	ber: 700 ger: DA\ To: (57	/ID ADKIN9 5) 745-890	l 5	1009	2	Reported: 0-Apr-20 14:	25
				-9A 3						
			HUUL	37-03 (Se	DII)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.3 %	73.3	-129	0041705	MS	17-Apr-20	8021B	
Petroleum Hydrocarbons by GC	FID							9.4.4		
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	I	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctane			90.6 %	44.3	-144	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane	y		96.4 %	42.2	-156	0041702	MS	17-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210			Project Nun Project Mana Fa: SW	nber: 700 ager: DAV	348.425.01 /ID ADKIN5 5) 745-890 3'	S	1009	2	Reported: 0-Apr-20 14:	25
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Volatile Organic Compounds h	oy EPA Method 8	8021					·			
Benzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	1		101 %	73.3	-129	0041705	MS	17-Apr-20	8021B	
Petroleum Hydrocarbons by G	SC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctane			93.1 %	44.3	-144	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			98.7 %	42.2	-156	0041702	MS	17-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210		Project: ENTERPRISE PIPELINE #1009 Project Number: 700348.425.01 Project Manager: DAVID ADKINS Fax To: (575) 745-8905 SW - 11 A 3' H001137-05 (Soil)						Reported: 20-Apr-20 14:25			
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	al Laborat	ories						
Volatile Organic Compounds b	y EPA Method 8	8021									
Benzene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B		
Toluene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B		
Ethylbenzene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B		
Total Xylenes*	<0.150		0.150	mg/kg	50	0041705	MS	17-Apr-20	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	0041705	MS	17-Apr-20	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			105 %	73.3-	-129	0041705	MS	17-Apr-20	8021B		
Petroleum Hydrocarbons by G	C FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B		
DRO >C10-C28*	31.9		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B		
Surrogate: 1-Chlorooctane			89.1 %	44.3	-144	0041702	MS	17-Apr-20	8015B		
Surrogate: 1-Chlorooctadecane			95.7 %	42.2	-156	0041702	MS	17-Apr-20	8015B		

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project: ENTERPRISE PIPELINE #1009 Project Number: 700348.425.01 Project Manager: DAVID ADKINS Fax To: (575) 745-8905 SW - 12 A 3' H001137-06 (Soil)					Reported: 20-Apr-20 14:25				
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Volatile Organic Compounds b	v EPA Method 8	8021								S-04
Benzene*	<0.200		0.200	mg/kg	200	0041705	MS	17-Apr-20	8021B	
Toluene*	4.79		0.200	ıng/kg	200	0041705	MS	17-Apr-20	8021B	
Ethylbenzene*	5.03		0.200	mg/kg	200	0041705	MS	17-Apr-20	8021B	
Total Xylenes*	43.4		0.600	mg/kg	200	0041705	MS	17-Apr-20	8021B	
Total BTEX	53.3		1.20	mg/kg	200	0041705	MS	17-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			201 %	73.3	-129	0041705	MS	17-Apr-20	8021B	
Petroleum Hydrocarbons by G	C FID						_			
GRO C6-C10*	660		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
DRO >C10-C28*	356		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctane			141 %	44.3	-144	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			91.9 %	42.2	-156	0041702	MS	17-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project: ENTERPRISE PIPELINE #1009 Project Number: 700348.425.01 Project Manager: DAVID ADKINS Fax To: (575) 745-8905								Reported: 20-Apr-20 14:	25
				- 15 A - 3 137-07 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0041703	AC	17-Apr-20	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total Xylenes*	0.209		0.150	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	73.3	-129	0041705	MS	17-Apr-20	8021B	·
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctane			77.1%	44.3	-144	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			82.4 %	42.2	-156	0041702	MS	17-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210		Project: ENTERPRISE PIPELINE #1009 Project Number: 700348.425.01 Project Manager: DAVID ADKINS Fax To: (575) 745-8905 SP - 16 A 4'						2	Reported: 20-Apr-20 14:	25
			H001	137-08 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Toluene*	<0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total Xylenes*	0.180		0.150	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	0041705	MS	17-Apr-20	8021B	
Surrogate: 4-Bromofluorobenzene (P1L))		100 %	73.3	-129	0041705	MS	17-Apr-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctane			91.7%	44.3	-144	0041702	MS	17-Apr-20	8015B	
Surrogate: 1-Chlorooctadecane			97.4 %	42.2	-156	0041702	MS	17-Apr-20	8015B	

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TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210	Project Number: Project Manager:		Reported: 20-Apr-20 14:25
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Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0041703 - 1:4 DI Water						,				
Blank (0041703-BLK1)				Prepared &	Analyzed:	17-Apr-20				
Chloride	ND	16.0	mg/kg							
LCS (0041703-BS1)				Prepared &	Analyzed:	17-Apr-20				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (0041703-BSD1)				Prepared &	Analyzed:	17-Apr-20				
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	

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Analytical Results For:

TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	20-Apr-20 14:25
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
,	Fax To:	(575) 745-8905	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

· · · · · · · · · · · · · · · · · · ·										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Ttobart			Leve	Result	/arcEC	Emits			110103
Batch 0041705 - Volatiles										
Blank (0041705-BLK1)				Prepared &	Analyzed:	17-Apr-20)			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (P1D)	0.0504		mg/kg	0.0500		101	73.3-129			
LCS (0041705-BS1)				Prepared &	Analyzed:	17-Apr-20)			
Benzene	1.97	0.050	mg/kg	2.00		98.7	72.2-131			
Toluene	2.00	0.050	mg/kg	2.00		100	71.7-126			
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	68.9-126			
Total Xylenes	6.11	0.150	mg/kg	6.00		102	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	73.3-129			
LCS Dup (0041705-BSD1)				Prepared &	z Analyzed:	17-Арг-20	I			
Benzene	2.06	0.050	mg/kg	2.00		103	72.2-131	4,44	14.6	
Toluene	2.10	0.050	mg/kg	2.00		105	71.7-126	4.55	17.4	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	68.9-126	4.55	18.9	
Total Xylenes	6.40	0.150	mg/kg	6.00		107	71.4-125	4.72	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		nıg/kg	0.0500		103	73.3-129			

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TALON LPE	Project:	ENTERPRISE PIPELINE #1009	Reported:
408 W. TEXAS AVE.	Project Number:	700348.425.01	20-Apr-20 14:25
ARTESIA NM, 88210	Project Manager:	DAVID ADKINS	
	Fax To:	(575) 745-8905	

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0041702 - General Prep - Organics										
Blank (0041702-BLK1)				Prepared &	z Analyzed:	17-Apr-20	1			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.5	44.3-144			
Surrogate: 1-Chlorooctadecane	49.2		mg/kg	50.0		98.4	42.2-156			
LCS (0041702-BS1)				Prepared &	z Analyzed:	17-Apr-20				
GRO C6-C10	191	10.0	mg/kg	200		95.3	78.8-127			
DRO >C10-C28	178	10.0	mg/kg	200		88.8	80-132			
Total TPH C6-C28	368	10.0	mg/kg	400		92.0	81.3-128			
Surrogate: 1-Chlorooctane	51.6		mg/kg	50.0		103	44.3-144			
Surrogate: 1-Chlorooctadecane	52.6		mg/kg	50.0		105	42.2-156			
LCS Dup (0041702-BSD1)				Prepared &	: Analyzed:	17-Apr-20				
GRO C6-C10	191	10.0	n1g/kg	200		95.4	78.8-127	0.168	15.1	
DRO >C10-C28	179	10.0	mg/kg	200		89.6	80-132	0.871	17.1	
Total TPH C6-C28	370	10.0	mg/kg	400		92.5	81.3-128	0.508	15	
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	44.3-144			
Surrogate: 1-Chlorooctadecane	52.2		mg/kg	50.0		104	42.2-156			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 SM4500CI-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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Received by OCD: 4/28/2020 11:29:39 AM

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	メルス Sample Condition CHECKED BY: Cool Infact (Infaals) A Yes Yes 人人	Sampler - UPS - Bus - Other;
sh (rejults by morning of 4/20)	Rus	MUCU Time:
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April 21, 2020

DAVID ADKINS TALON LPE 408 W. TEXAS AVE. ARTESIA, NM 88210

RE: ENTERPRISE PIPELINE #1009

Enclosed are the results of analyses for samples received by the laboratory on 04/20/20 15:45.

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 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 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 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 analytes are specified analytes are specified analytes and water and specified analytes are specified analytes and water and specified analytes are specified analytes are specified analytes and water analytes are specified analytes and water and specified analytes are specified analytes are specified analytes are specified analytes and water and specified analytes are specified analytes and specified analytes are spe

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.

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,

Whe Sigh

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

CARDINAL Laboratories

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	04/20/2020	Sampling Date:	04/16/2020
Reported:	04/21/2020	Sampling Type:	Soil
Project Name:	ENTERPRISE PIPELINE #1009	Sampling Condition:	Cool & Intact
Project Number:	700348.425.01	Sample Received By:	Kelly Jacobson
Project Location:	ENTERPRISE - LEA CO NM		

Sample ID: SW - 12 B 3' (H001153-01)

mg,	/kg	Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/21/2020	ND	1.87	93.5	2.00	2,20	
<0.050	0.050	04/21/2020	ND	1.90	95.0	2.00	2.40	
<0.050	0.050	04/21/2020	ND	1.98	99.2	2.00	1.79	
<0.150	0.150	04/21/2020	ND	5.81	96.9	6.00	1.86	
<0.300	0.300	04/21/2020	ND					
	Result <0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 100 % 73.3-129

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	04/20/2020	ND	210	105	200	2,38	
DRO >C10-C28*	<10.0	10.0	04/20/2020	ND	209	105	200	7.04	
EXT DRO >C28-C36	<10.0	10.0	04/20/2020	ND					
Surrogate: 1-Chlorooctane	92.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	106	% 42.2-15	6						

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

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Notes and Definitions

- ND
 Analyte NOT DETECTED at or above the reporting limit

 RPD
 Relative Percent Difference

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

 Insufficient time to reach temperature,
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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