September 19, 2016 SMA #5B25299

Enterprise Field Services, LLC
P. O. Box 4324
Houston, TX 77210
Attn.: Ms. Alena Miro

RE: LETTER REPORT SUMMARIZING THE PIPELINE LEAK AT THE SALT DRAW PIPELINE ROW 1003, EDDY COUNTY, NEW MEXICO; ECIRTS# 30310, NMOCD 2RP-3867

Dear Ms. Miro:

Souder, Miller & Associates (SMA) is pleased to submit this letter report to Enterprise Field Services, LLC (Enterprise) summarizing the assessment, soil sampling, removal of impacted soil, and closure at the Salt Draw pipeline release site. SMA's services were performed in accordance with Enterprise's General Release Notification, Response and Remediation Plan dated March 9, 2015. The site is located in the SE ¼ NW ¼ Section 13, T25S, R28E, Eddy County, New Mexico on privately owned land. Figure 1 illustrates the vicinity of the site. The release occurred on June 25, 2016 and was a result of a pipeline release. However, pipeline liquids impacts were not discovered until pipeline repair activities commenced on July 28, 2016

1.0 SITE RANKING AND RELEASE HISTORY

The release site is located approximately 6.29 miles south of the Town of Malaga, New Mexico at an elevation of approximately 2,890 feet above sea level. The release point occurred within Salt Draw, a tributary of the Pecos River, with the confluence approximately 4,254 feet from the site. After evaluation of the site using aerial photography and topographic maps, and searching the New Mexico Office of the State Engineer's water well database, depth to groundwater is estimated to be less than 50 feet below ground surface (bgs). Figure 1 depicts the site vicinity and Figure 2 depicts the site location.

SMA searched the New Mexico State Engineer's Office (NMOSE) online database for water wells in the vicinity of the release. No water wells were located within a 1-mile radius of the site. The physical location of this release is within the jurisdiction of the New Mexico Oil Conservation Division (NMOCD).

Based on the NMOCD site ranking criteria detailed in Table 1, and the specific site characteristics of a depth to groundwater of less than 50 feet, wellhead protection, and distance to surface water, this release location within Salt Draw has been assigned an NMOCD ranking of 20 which requires a soil remediation standard of 10 parts per million (ppm) benzene, 50 ppm combined benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and 100 ppm total petroleum hydrocarbons (TPH). Table 1 illustrates the site ranking rationale.

2.0 SUMMARY OF FIELD ACTIVITIES

On July 28, 2016, at the request of Enterprise, SMA collected assessment and closure samples L1 through L10 from Salt Draw in the area of potential impact associated with the release beyond the immediate location of the pipeline. Samples L1 through L9 were collected at surface grade. Sample L10 was collected from approximately 2 feet below ground surface (bgs). Aliquots of Samples L1 through L10 were field screened with a calibrated Photo Ionization Detector, with the remainder of the samples sent under standard chain of custody protocol to Hall Environmental Analysis Laboratory. Table 2 Summary of Laboratory Results provides the results of the field screening as well as the summary of the laboratory analytical results for Samples L1 through L8 and L10.

SMA Sample L9 Surface was taken to document an area of overspray. The analytical results for Sample L9 are included in Table 2 after analysis by Xenco Laboratories. Refer to Figure 3 for locations of assessment samples collected by SMA. Refer to Figure 4: Site Map, Excavation, and Sample Locations. The area of Sample L9 Surface was included in the remedial excavation and removed.

Between July 29 and August 1, 2016, excavation was performed by New Mexico Rentals (NMR) personnel around the pipeline at the source of the release. Initial assessment samples in the excavated area were taken by Talon LPE and submitted to Xenco Laboratories on August 1, 2016. As recorded in Table 3, Bottom Hole assessment samples were collected at approximately 1 foot bgs, with samples from the east and west walls taken at approximately 0.5 feet bgs. Laboratory analysis of those samples indicated that two sample points at 0.5 feet bgs in the excavation walls, WW-1 and EW-1, exceeded NMOCD closure standards for TPH. Additional lateral excavation was performed in those areas and follow-up closure samples were taken by on August 11, 2016. Laboratory analysis of samples WW-1B, 0.5 feet bgs, and EW-1B, 0.5 feet bgs, yielded results below NMOCD closure standards for benzene, combined benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and TPH, noted in Table 4.

On August 3, 2016, Talon LPE personnel took three composite samples from the spoil pile; SP1, SP2, and SP3, for analysis for potential for reuse and for waste characterization parameters for disposal. Laboratory analytical results are summarized in Table 5, Waste Characterization Summary. Based on the TPH results obtained, the excavated soils were considered not suitable for reuse in the Salt Draw Excavation. Approximately 240 cubic yards of excavated impacted soils were transported for disposal at the Lea Land LLC NMOCD-permitted disposal facility near Carlsbad, NM. All excavation and disposal activities were performed by NMR. Waste Manifests are included in Appendix E.

All excavation and remedial activities are complete. However, due to inclement weather conditions and significant rainfall accumulations, removal of the abandoned pipeline and final backfill of the excavated area has been delayed. Please refer to Appendix D Photographic Documentation for photos verifying current conditions. When conditions allow, after removal of the abandoned section of pipeline, the excavation will be backfilled with appropriate clean material imported from Lea Land, LLC and reshaped to an approximation of pre-disturbance contours. Reseeding above the high water mark, as required by Nationwide General Permit 20, will be performed at the appropriate season for the area with a designated approved seed mix.

Figure 4: Site Map, Excavation, and Sample Locations illustrates the area of excavation and initial and follow-up soil sample locations. Final dimensions of the excavation were approximately 160 feet long by an average of 15 feet wide by an average depth of 1 foot bgs. Sample WW-1 was taken from the west wall at an approximate depth of 0.5 feet bgs with closure sample WW-1B taken at 0.5 feet bgs after further lateral excavation in the area. Sample EW-1 was taken from an approximate depth of 0.5 feet bgs in the east wall of the excavation. After additional excavation laterally in that area, closure sample EW-1B was taken at 0.5 feet bgs in the new east wall. Water samples (WS) were collected at the surface of the water that had collected near the source of the release and were below detection limits for the method as well as NMOCD closure standards. Tables 3 and 4 provide a summary of Xenco laboratory results for samples taken by Talon LPE.

Hall Environmental Analysis Laboratories Analytical Reports are included in Appendix A. Laboratory Analytical Reports from Xenco Laboratories are attached in Appendix C.

Photographic documentation of the initial condition of the site, interim activities, and final excavation is included in Appendix D.

3.0 CONCLUSIONS AND RECOMMENDATIONS

NMOCD Guidelines for Remediation of Leaks, Spills, and Releases have established the following action levels for contaminants of concern with a site ranking of 20: 10 ppm (mg/kg) benzene, 50 ppm total BTEX, and 100 ppm TPH.

Laboratory analytical results for all samples collected by SMA in Salt Draw were below NMOCD Guidelines for benzene (10 ppm), BTEX (50 ppm) and combined GRO/DRO (100 ppm). Hall Environmental Analysis Laboratory reports are included in Appendix A.

Tables 3 and 4 provide Talon's summarized laboratory results indicating that hydrocarbon contaminant concentrations exceeded NMOCD closure standards at sample locations WW-1 at a depth of 0.5 feet bgs and EW-1 at 0.5 feet bgs. Samples taken in the bottom of the excavation were all below NMOCD closure standards. After additional excavation was performed, follow-up closure samples WW-1B and EW-1B were taken in those locations at depths of 0.5 feet bgs. Closure levels were achieved and documented with laboratory analyses, Table 4. The results of the SMA soil sampling event conducted on July 28, 2016, indicate that surface contaminant concentrations within the Draw itself outside of the excavated area are all below NMOCD closure standards for a site ranking of 20. Water samples (WS) were collected at the surface of the water that had collected near the source of the release and were below detection limits for the method as well as NMOCD closure standards.

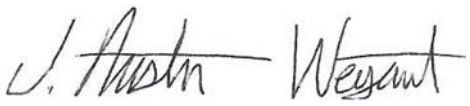
Based on the laboratory analytical results for sampling performed by both Souder, Miller & Associates and Talon LPE for the pipeline release in Salt Draw, SMA recommends that the site be considered closed in accordance with the NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.

The scope of our services consisted of the performance of a preliminary spill assessment, up and downstream surface sampling, evaluation and interpretation of data provided by others, and preparation of this summary report. Work performed by others was not under SMA control or supervision. However, sufficient documentation was received and the data are included in this

closure report. All SMA work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas pipeline releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact me or Cynthia Gray at 505-325-7535.

Sincerely,
Souder, Miller & Associates



Austin Weyant
Project Scientist

Cynthia Gray, CHMM
Senior Scientist

Figures:
Figure 1: Vicinity Map
Figure 2: Location Map
Figure 3: Upstream and Downstream Sample Locations
Figure 4: Site Map, Excavation, and Sample Locations

Tables:
Table 1: Site Ranking
Table 2: Summary of SMA Field Assessment and Laboratory Analysis
Table 3: Summary of Talon LPE Assessment Samples Laboratory Analysis
Table 4: Closure Sample Summary
Table 5: Waste Characterization Summary

Appendices
Appendix A: Hall Environmental Analysis Laboratory Reports
Appendix B: C141 Initial and Final
Appendix C: Xenco Laboratories Analytical Reports
Appendix D: Photographic Documentation
Appendix E: Waste Manifests

FIGURES

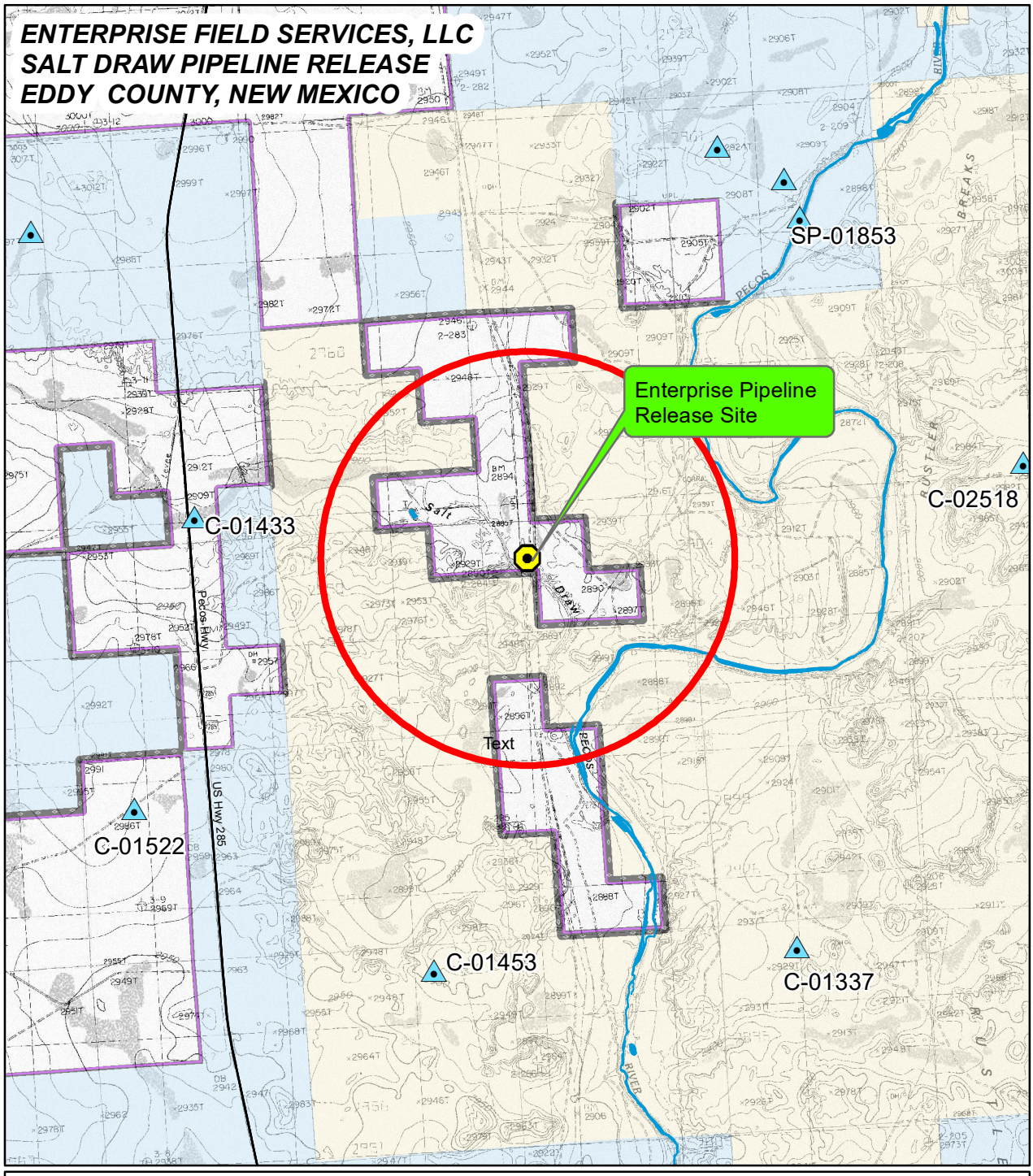


FIGURE 1 VICINITY MAP

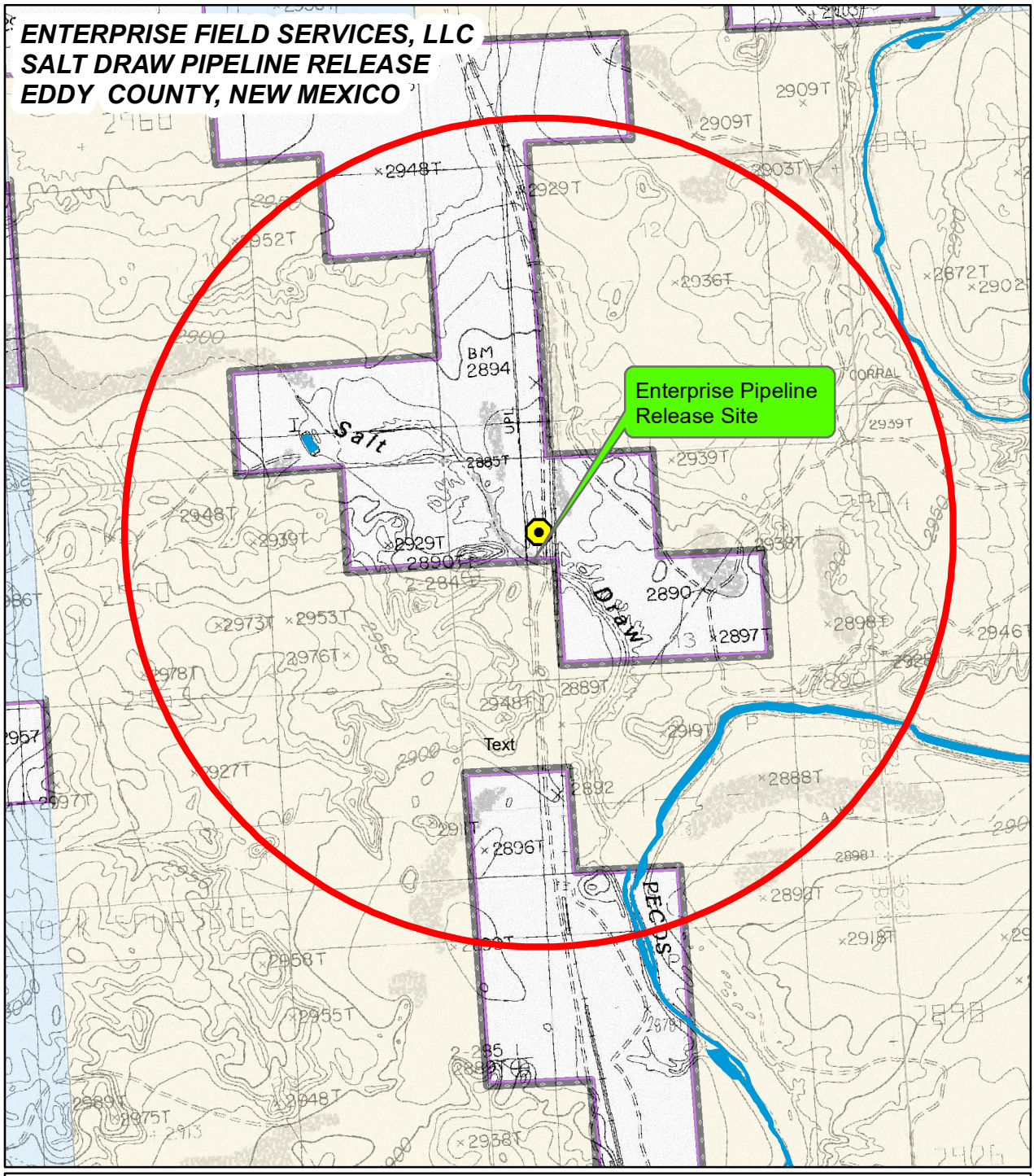
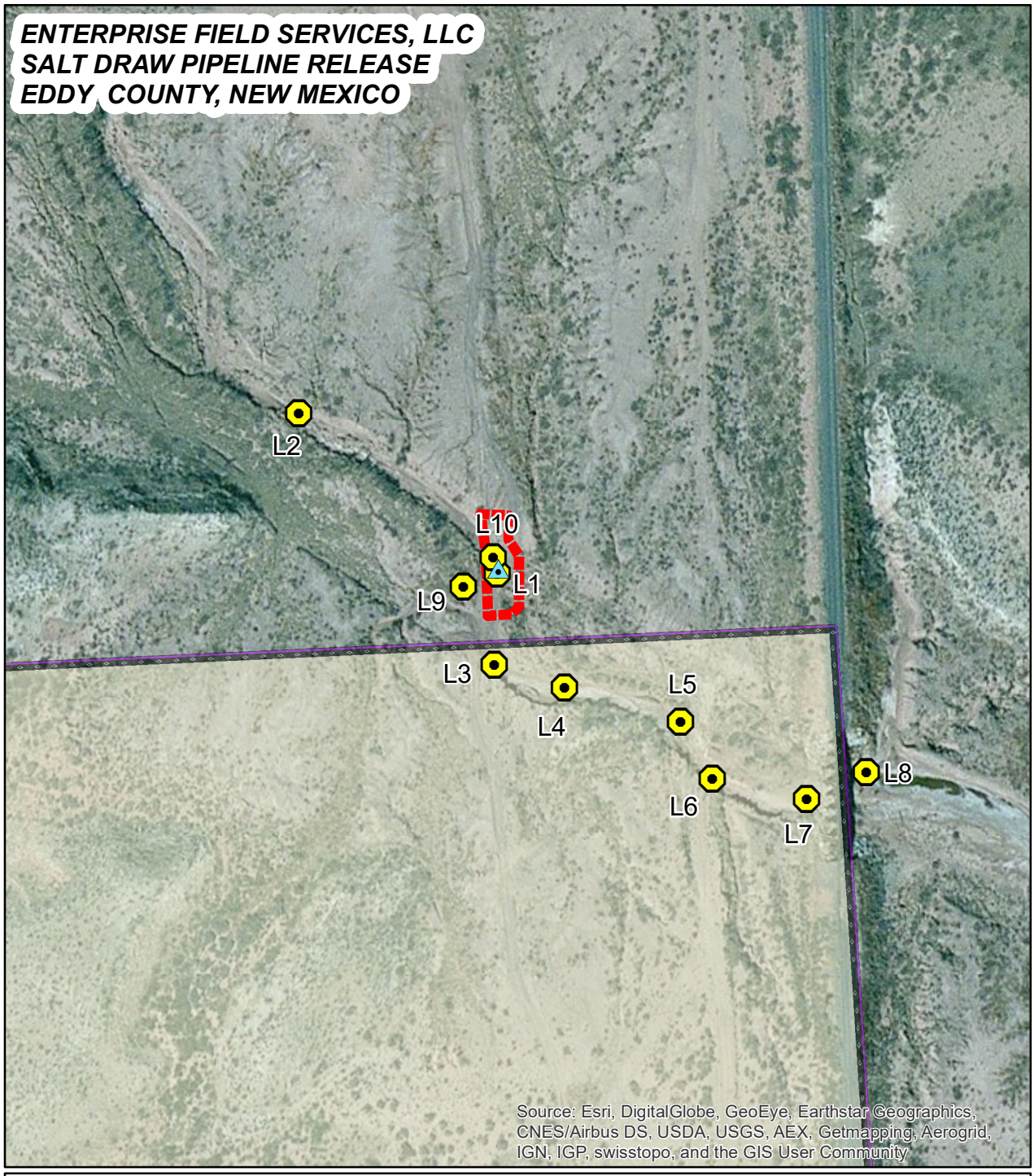


FIGURE 2 LOCATION MAP



LEGEND
- Private Lands
- Bureau of Land Management
- New Mexico State Lands
- Excavation Area
- Release Sample Locations
- Point of Release
- National Wetlands Inventory
- County and State Roads

Scale: 1:2,000
Base Map: Malaga, NM.
7.5' USGS Quadrangle
PLSS: Section 13, T25S, R1W & R28E
UTM Zone 13, NAD83, Meters
Date: September 2, 2016
Drawn By: C.Pattillo

0 50 100 Feet

N W E S

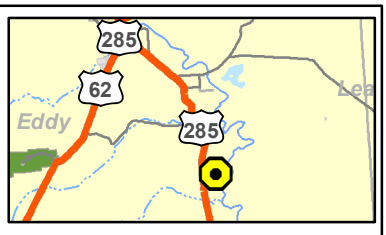
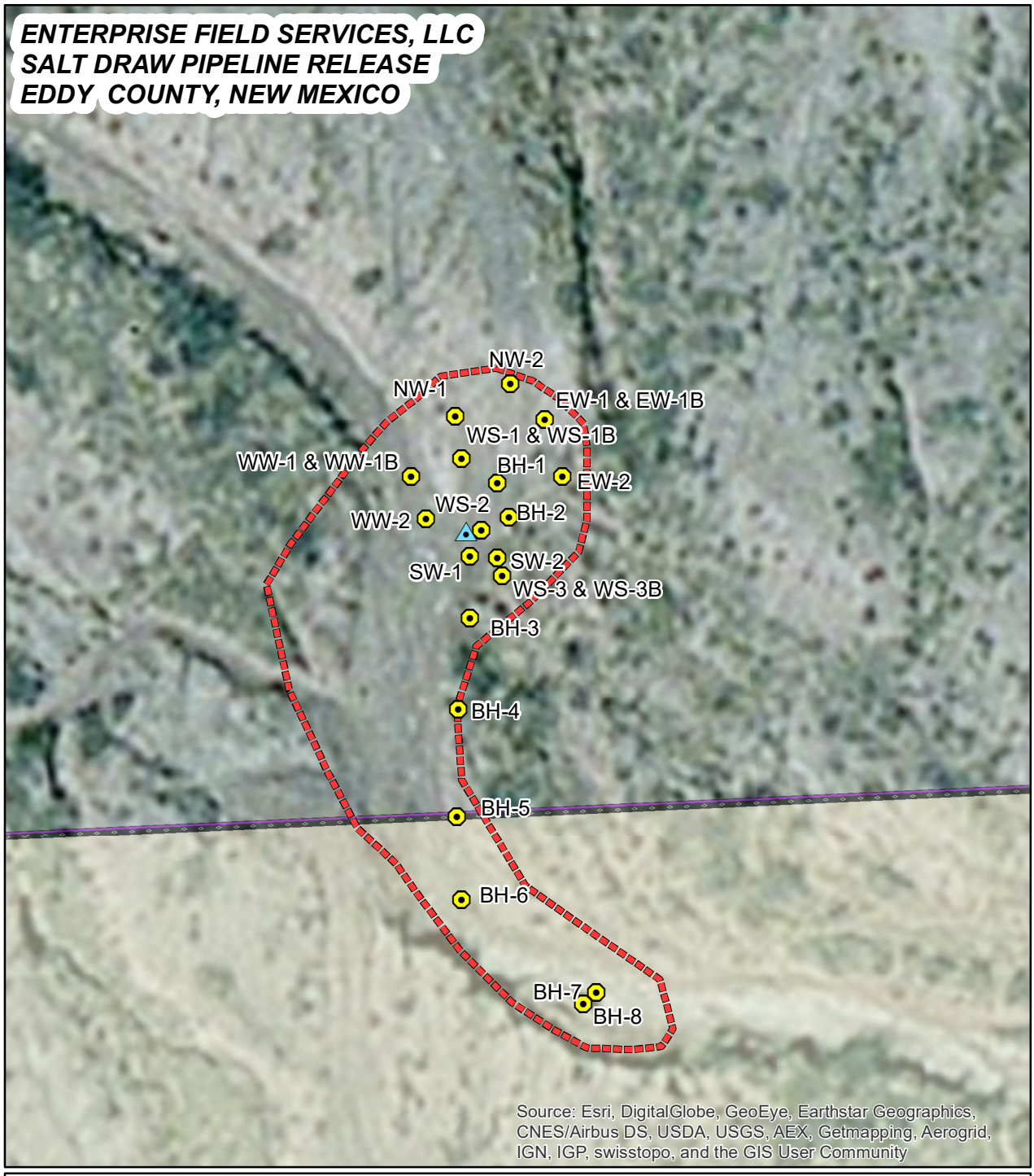


FIGURE 3 UPSTREAM AND DOWNSTREAM SAMPLE LOCATIONS



LEGEND
- Private Lands
- Bureau of Land Management
- New Mexico State Lands
- Excavation Area
- Release Sample Locations
- Point of Release
- National Wetlands Inventory
- County and State Roads

Scale: 1:500
Base Map: Malaga, NM.
7.5' USGS Quadrangle
PLSS: Section 13, T25S, R1W & R28E
UTM Zone 13, NAD83, Meters
Date: September 30, 2016
Drawn By: C.Pattillo

0 20 40 Feet

N W E S

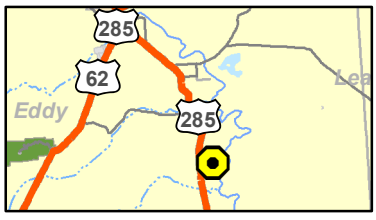


FIGURE 4 SITE MAP, EXCAVATION, AND SAMPLE LOCATIONS

TABLES

ENTERPRISE FIELD SERVICES, LLC
Table 1: Site Ranking

Salt Draw, July 28, 2016
Pipeline Release
September 19, 2016

Depth to Groundwater	NMOCD Numeric Rank for this Site	Source for Ranking	Notes
< 50 BGS = 20	20	Verified using NMOCD Well Log files	Two wells encountered water at 30 & 40 feet
50' to 99' = 10			
>100' = 0			
Ranking Criteria for Horizontal Distance to Nearest Surface Water	**NMOCD Numeric Rank for this Site**	**Source for Ranking**	**Notes**
< 200' = 20		Verified using Google Earth and TOPO maps, and NMOSE database	Release is located in Salt Draw, a tributary of the Pecos River
200' - 1000' = 10			
>1000' = 0	0		
Ranking Criteria for Horizontal Distance to a Water Well or Water Source	**NMOCD Numeric Rank for this Site**	**Source for Ranking**	**Notes**
<1000' from a water source? <200' from a private domestic water source? YES OR NO to BOTH. YES = 20, NO = 0		New Mexico State Engineer's Office online water well data base	No recorded water wells located within 1,000 feet. No wells located within a 1 mile radius
	0		
Total Site Ranking	**20**		
Soil Remediation Standards	**0 to 9**	**10 to 19**	**>19**
Benzene	**10 PPM**	**10 PPM**	**10 PPM**
BTEX	**50 PPM**	**50 PPM**	**50 PPM**
TPH	**5000 PPM**	**1000 PPM**	**100 PPM**

Table 2: Summary of SMA Field Assessment Samples
Laboratory Analysis Results in mg/Kg

Date	Time	Sample ID	Sample Depth (Feet BGS)	PID Field Reading	Method 8015 GRO	Method 8015 DRO	Method 8021 Benzene	Method 8021 BTEX
NMOCD Guidelines		NMOCD Site Ranking: 20			100 ppm		10 ppm	50 ppm
7/28/2016	10:00AM	L 1	Surface	62	40.0	21.0	<0.015	0.635
7/28/2016	10:00AM	L 2	Surface	0	<3.0	<9.5	<0.015	<0.12
7/28/2016	10:00AM	L 3	Surface	0	<2.9	<9.3	<0.014	<0.115
7/28/2016	10:00AM	L 4	Surface	0	78.0	<9.9	0.076	<0.096
7/28/2016	10:00AM	L 5	Surface	24	<3.1	<10	<0.015	<0.123
7/28/2016	10:00AM	L 6	Surface	0	<2.5	<9.4	<0.013	<0.101
7/28/2016	10:00AM	L 7	Surface	0	<2.5	<9.6	<0.012	<0.10
7/28/2016	10:00AM	L 8	Surface	0	<3.1	<9.3	<0.016	<0.124
7/28/2016	10:00AM	L 9*	Surface	150	363	3910	N/A	N/A
7/28/2016	10:00AM	L 10	2'	51	<7.9	71.0	<0.012	<0.087

- Samples Analyzed by Hall Environmental Analysis Laboratories

* Analyzed by Xenco Laboratories for Talon, Method 8021 Not Performed

Exceeds NMOCD Closure Standards

Note: Area of Sample L9 was overspray and subsequently included in the excavation

Table 3: Summary of Talon Assessment Samples
Laboratory Analysis Results in mg/Kg

Date	Time	Sample ID*	Sample Depth (Feet BGS)	Sample Matrix	Method 8015 GRO	Method 8015 DRO	Method 8021 Benzene	Method 8021 BTEX
NMOCD Guidelines		NMOCD Site Ranking: 20			100 ppm		10 ppm	50 ppm
8/1/2016	3:30PM	BH-1	0.5	Soil	<15.0	<15.0	<0.0015	0.0268
8/1/2016	3:30PM	BH-2	0.5	Soil	<15.0	<15.0	<0.0015	<0.00150
8/1/2016	3:30PM	BH-3	0.5	Soil	<15.0	<15.0	<0.00149	<0.00149
8/1/2016	3:30PM	BH-4	0.5	Soil	<15.0	<15.0	<0.00149	<0.00149
8/1/2016	3:30PM	BH-5	0.5	Soil	<15.0	<15.0	<0.00149	<0.00149
8/1/2016	3:30PM	BH-6	0.5	Soil	<15.0	<15.0	<0.00149	0.00266
8/1/2016	3:30PM	BH-7	0.5	Soil	16.2	<15.0	<0.00150	<0.00150
8/1/2016	3:30PM	BH-8	0.5	Soil	<15.0	<15.0	<0.00150	<0.00150
8/1/2016	4:00PM	WW-1	0.5	Soil	18.7	1210.0	<0.00149	0.0128
8/1/2016	4:05PM	WW-2	0.5	Soil	<15.0	53.1	<0.00149	<0.00149
8/1/2016	4:30PM	NW-1	1	Soil	<15.0	19.2	<0.00149	<0.00149

Exceeds NMOCD Closure Standards

Table 3 Continued

Date	Time	Sample ID*	Sample Depth (Feet BGS)	Sample Matrix	Method 8015 GRO	Method 8015 DRO	Method 8021 Benzene	Method 8021 BTEX
NMOCD Guidelines		NMOCD Site Ranking: 20			100 ppm		10 ppm	50 ppm
8/1/2016	4:35PM	NW-2	1	Soil	<15.0	23.2	<0.00149	<0.00149
8/1/2016	4:40PM	EW-1	1	Soil	<15.0	882.0	<0.00150	<0.00150
8/1/2016	4:45PM	EW-2	1	Soil	<15.0	15.0	<0.00150	<0.00150
8/1/2016	4:50PM	SW-1	1	Soil	<15.0	<15.0	<0.00149	<0.00149
8/1/2016	4:55PM	SW-2	1	Soil	<15.0	<15.0	<0.00149	<0.00149
8/1/2016	4:00PM	WS-1	Surface	Water	<1.05	3.5	<0.0020	<0.0020
8/1/2016	4:05PM	WS-2	Surface	Water	<1.50	<15.0	<0.0020	<0.0020
8/1/2016	4:10PM	WS-3	Surface	Water	<1.50	1.7	<0.0020	<0.0020

Exceeds NMOCD Closure Standards

* - Samples Collected by Talon, Analyzed by Xenco Laboratories

Table 4: Closure Sample Summary
Laboratory Analysis Results in mg/Kg

Date	Time	Sample ID*	Sample Depth (Feet BGS)	Sample Matrix	Method 8015 GRO	Method 8015 DRO	Method 8021 Benzene	Method 8021 BTEX
NMOCD Guidelines		NMOCD Site Ranking: 20			100 ppm		10 ppm	50 ppm
8/11/2016	12:00AM	WS-1B	Surface	Water	<1.50	<1.50	<0.002	<0.002
8/11/2016	12:15PM	WS-3B	Surface	Water	<1.50	<1.50	<0.002	<0.002
8/11/2016	1:00PM	WW-1B	0.5	Soil	<1.50	<1.50	<0.00750	<0.00750
8/11/2016	1:15PM	EW-1B	0.5	Soil	<1.50	<1.50	<0.00149	<0.00149

* - Samples Collected by Talon, Analyzed by Xenco Laboratories

Table 5: Waste Characterization Summary
Laboratory Analysis Results in mg/Kg

Date	Time	Sample ID*	Sample Matrix	Method 8021B BTEX	Method 8015B TPH	Method 8260/1311 Benzene	Flash Point Deg F	Reactive Cyanide	Reactive Sulfide	Soil pH
NMOCD Guidelines		NMOCD Site Ranking: 20		50 ppm	100 ppm	10 ppm	75	0.25	25	
8/3/2016	1:00PM	SP-1	Excavated Soil Pile	<0.00149	804	>0.0050	>180	<0.250	<25.0	8.1
8/3/2016	1:15PM	SP-2	Excavated Soil Pile	<0.00149	22.3	>0.0050	>180	<0.250	<25.0	8.03
8/3/2016	1:30PM	SP-3	Excavated Soil Pile	<0.00149	51.2	>0.0050	>180	<0.250	<25.0	8.12

Considered unsuitable for reuse in Salt Draw

Analyzed by Xenco Laboratories

APPENDIX A

HALL ENVIRONMENTAL ANALYSIS LABORATORY REPORTS

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

August 08, 2016

Austin Weyant

Souder, Miller & Associates
201 S Halagueno
Carlsbad, NM 88221
TEL: (575) 689-7040
FAX

RE: Salt Draw OrderNo.: 1608328

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 9 sample(s) on 8/5/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L1
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-001
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	21	9.2		mg/Kg	1	8/5/2016 11:30:50 AM	26810
Surr: DNOP	98.0	70-130		%Rec	1	8/5/2016 11:30:50 AM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	40	3.0		mg/Kg	1	8/5/2016 11:44:48 AM	A36262
Surr: BFB	385	49.4-163	S	%Rec	1	8/5/2016 11:44:48 AM	A36262
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.015		mg/Kg	1	8/5/2016 11:44:48 AM	B36262
Toluene	0.048	0.030		mg/Kg	1	8/5/2016 11:44:48 AM	B36262
Ethylbenzene	0.077	0.030		mg/Kg	1	8/5/2016 11:44:48 AM	B36262
Xylenes, Total	0.51	0.059		mg/Kg	1	8/5/2016 11:44:48 AM	B36262
Surr: 4-Bromofluorobenzene	116	80-120		%Rec	1	8/5/2016 11:44:48 AM	B36262

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L2
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-002
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/5/2016 11:52:38 AM	26810
Surr: DNOP	88.7	70-130		%Rec	1	8/5/2016 11:52:38 AM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.0		mg/Kg	1	8/5/2016 12:08:22 PM	A36262
Surr: BFB	100	49.4-163		%Rec	1	8/5/2016 12:08:22 PM	A36262
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.015		mg/Kg	1	8/5/2016 12:08:22 PM	B36262
Toluene	ND	0.030		mg/Kg	1	8/5/2016 12:08:22 PM	B36262
Ethylbenzene	ND	0.030		mg/Kg	1	8/5/2016 12:08:22 PM	B36262
Xylenes, Total	ND	0.060		mg/Kg	1	8/5/2016 12:08:22 PM	B36262
Surr: 4-Bromofluorobenzene	91.7	80-120		%Rec	1	8/5/2016 12:08:22 PM	B36262

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L3
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-003
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/5/2016 12:14:29 PM	26810
Surr: DNOP	102	70-130		%Rec	1	8/5/2016 12:14:29 PM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	2.9		mg/Kg	1	8/5/2016 12:31:56 PM	A36262
Surr: BFB	102	49.4-163		%Rec	1	8/5/2016 12:31:56 PM	A36262
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.014		mg/Kg	1	8/5/2016 12:31:56 PM	B36262
Toluene	ND	0.029		mg/Kg	1	8/5/2016 12:31:56 PM	B36262
Ethylbenzene	ND	0.029		mg/Kg	1	8/5/2016 12:31:56 PM	B36262
Xylenes, Total	ND	0.057		mg/Kg	1	8/5/2016 12:31:56 PM	B36262
Surr: 4-Bromofluorobenzene	92.4	80-120		%Rec	1	8/5/2016 12:31:56 PM	B36262

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L4
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-004
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/5/2016 11:50:45 AM	26810
Surr: DNOP	84.8	70-130		%Rec	1	8/5/2016 11:50:45 AM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	78	2.4		mg/Kg	1	8/5/2016 12:55:30 PM	A36262
Surr: BFB	493	49.4-163	S	%Rec	1	8/5/2016 12:55:30 PM	A36262
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.076	0.012		mg/Kg	1	8/5/2016 12:55:30 PM	B36262
Toluene	0.68	0.024		mg/Kg	1	8/5/2016 12:55:30 PM	B36262
Ethylbenzene	0.27	0.024		mg/Kg	1	8/5/2016 12:55:30 PM	B36262
Xylenes, Total	1.8	0.048		mg/Kg	1	8/5/2016 12:55:30 PM	B36262
Surr: 4-Bromofluorobenzene	128	80-120	S	%Rec	1	8/5/2016 12:55:30 PM	B36262

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L5
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-005
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/5/2016 12:18:32 PM	26810
Surr: DNOP	94.8	70-130		%Rec	1	8/5/2016 12:18:32 PM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	8/5/2016 1:19:05 PM	A36262
Surr: BFB	104	49.4-163		%Rec	1	8/5/2016 1:19:05 PM	A36262
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.015		mg/Kg	1	8/5/2016 1:19:05 PM	B36262
Toluene	ND	0.031		mg/Kg	1	8/5/2016 1:19:05 PM	B36262
Ethylbenzene	ND	0.031		mg/Kg	1	8/5/2016 1:19:05 PM	B36262
Xylenes, Total	ND	0.061		mg/Kg	1	8/5/2016 1:19:05 PM	B36262
Surr: 4-Bromofluorobenzene	91.2	80-120		%Rec	1	8/5/2016 1:19:05 PM	B36262

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L6
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-006
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/5/2016 12:46:07 PM	26810
Surr: DNOP	92.5	70-130		%Rec	1	8/5/2016 12:46:07 PM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	2.5		mg/Kg	1	8/5/2016 12:32:59 PM	A36263
Surr: BFB	93.7	49.4-163		%Rec	1	8/5/2016 12:32:59 PM	A36263
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.013		mg/Kg	1	8/5/2016 12:32:59 PM	C36263
Toluene	ND	0.025		mg/Kg	1	8/5/2016 12:32:59 PM	C36263
Ethylbenzene	ND	0.025		mg/Kg	1	8/5/2016 12:32:59 PM	C36263
Xylenes, Total	ND	0.051		mg/Kg	1	8/5/2016 12:32:59 PM	C36263
Surr: 4-Bromofluorobenzene	109	80-120		%Rec	1	8/5/2016 12:32:59 PM	C36263

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L7
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-007
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/5/2016 12:36:39 PM	26810
Surr: DNOP	99.7	70-130		%Rec	1	8/5/2016 12:36:39 PM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	2.5		mg/Kg	1	8/5/2016 12:57:52 PM	A36263
Surr: BFB	87.5	49.4-163		%Rec	1	8/5/2016 12:57:52 PM	A36263
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.012		mg/Kg	1	8/5/2016 12:57:52 PM	C36263
Toluene	ND	0.025		mg/Kg	1	8/5/2016 12:57:52 PM	C36263
Ethylbenzene	ND	0.025		mg/Kg	1	8/5/2016 12:57:52 PM	C36263
Xylenes, Total	ND	0.050		mg/Kg	1	8/5/2016 12:57:52 PM	C36263
Surr: 4-Bromofluorobenzene	113	80-120		%Rec	1	8/5/2016 12:57:52 PM	C36263

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L8
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-008
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/5/2016 12:58:32 PM	26810
Surr: DNOP	99.5	70-130		%Rec	1	8/5/2016 12:58:32 PM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	8/5/2016 1:22:44 PM	A36263
Surr: BFB	85.4	49.4-163		%Rec	1	8/5/2016 1:22:44 PM	A36263
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.016		mg/Kg	1	8/5/2016 1:22:44 PM	C36263
Toluene	ND	0.031		mg/Kg	1	8/5/2016 1:22:44 PM	C36263
Ethylbenzene	ND	0.031		mg/Kg	1	8/5/2016 1:22:44 PM	C36263
Xylenes, Total	ND	0.062		mg/Kg	1	8/5/2016 1:22:44 PM	C36263
Surr: 4-Bromofluorobenzene	108	80-120		%Rec	1	8/5/2016 1:22:44 PM	C36263

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates
Client Sample ID: L10
Project: Salt Draw
Collection Date: 7/28/2016 2:00:00 PM
Lab ID: 1608328-009
Matrix: MEOH (SOIL)
Received Date: 8/5/2016 9:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	71	10		mg/Kg	1	8/5/2016 1:20:38 PM	26810
Surr: DNOP	101	70-130		%Rec	1	8/5/2016 1:20:38 PM	26810
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	7.9	2.2		mg/Kg	1	8/5/2016 11:21:12 AM	A36262
Surr: BFB	150	49.4-163		%Rec	1	8/5/2016 11:21:12 AM	A36262
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.012	0.011		mg/Kg	1	8/5/2016 11:21:12 AM	B36262
Toluene	ND	0.022		mg/Kg	1	8/5/2016 11:21:12 AM	B36262
Ethylbenzene	ND	0.022		mg/Kg	1	8/5/2016 11:21:12 AM	B36262
Xylenes, Total	ND	0.043		mg/Kg	1	8/5/2016 11:21:12 AM	B36262
Surr: 4-Bromofluorobenzene	92.0	80-120		%Rec	1	8/5/2016 11:21:12 AM	B36262

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1608328**

08-Aug-16

Client: Souder, Miller & Associates

Project: Salt Draw

Sample ID	**MB-26810**	SampType:	**MBLK**	TestCode:	**EPA Method 8015M/D: Diesel Range Organics**					
Client ID:	**PBS**	Batch ID:	**26810**	RunNo:	**36242**					
Prep Date:	**8/5/2016**	Analysis Date:	**8/5/2016**	SeqNo:	**1122855**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	9.0		10.00		90.2	70	130			

Sample ID	**LCS-26810**	SampType:	**LCS**	TestCode:	**EPA Method 8015M/D: Diesel Range Organics**					
Client ID:	**LCSS**	Batch ID:	**26810**	RunNo:	**36242**					
Prep Date:	**8/5/2016**	Analysis Date:	**8/5/2016**	SeqNo:	**1122857**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.1	62.6	124			
Surr: DNOP	4.7		5.000		94.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1608328**

08-Aug-16

Client: Souder, Miller & Associates

Project: Salt Draw

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **A36262**	RunNo: **36262**
Prep Date:	Analysis Date: **8/5/2016**	SeqNo: **1123728** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.9	49.4	163			

Sample ID **2.5UG GRO LCS**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **A36262**	RunNo: **36262**
Prep Date:	Analysis Date: **8/5/2016**	SeqNo: **1123729** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	80	120			
Surr: BFB	1100		1000		107	49.4	163			

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **A36263**	RunNo: **36263**
Prep Date:	Analysis Date: **8/5/2016**	SeqNo: **1123749** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	810		1000		80.8	49.4	163			

Sample ID **2.5UG GRO LCS**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **A36263**	RunNo: **36263**
Prep Date:	Analysis Date: **8/5/2016**	SeqNo: **1123750** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	80	120			
Surr: BFB	940		1000		93.8	49.4	163			

Sample ID **1608328-006AMS**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **L6**	Batch ID: **A36263**	RunNo: **36263**
Prep Date:	Analysis Date: **8/5/2016**	SeqNo: **1123751** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	14	2.5	12.63	1.203	101	59.3	143			
Surr: BFB	540		505.3		107	49.4	163			

Sample ID **1608328-006AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **L6**	Batch ID: **A36263**	RunNo: **36263**
Prep Date:	Analysis Date: **8/5/2016**	SeqNo: **1123752** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1608328**

08-Aug-16

Client: Souder, Miller & Associates

Project: Salt Draw

Sample ID	**1608328-006AMSD**	SampType:	**MSD**	TestCode:	**EPA Method 8015D: Gasoline Range**
Client ID:	**L6**	Batch ID:	**A36263**	RunNo:	**36263**
Prep Date:		Analysis Date:	**8/5/2016**	SeqNo:	**1123752** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	15	2.5	12.63	1.203	107	59.3	143	5.00	20	
Surr: BFB	570		505.3		113	49.4	163	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1608328**

08-Aug-16

Client: Souder, Miller & Associates

Project: Salt Draw

Sample ID	**5ML RB**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**B36262**	RunNo:	**36262**					
Prep Date:		Analysis Date:	**8/5/2016**	SeqNo:	**1123741**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		93.0	80	120			

Sample ID	**100NG BTEX LCS**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**B36262**	RunNo:	**36262**					
Prep Date:		Analysis Date:	**8/5/2016**	SeqNo:	**1123742**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.0	75.3	123			
Toluene	0.95	0.050	1.000	0	94.7	80	124			
Ethylbenzene	1.0	0.050	1.000	0	101	82.8	121			
Xylenes, Total	3.0	0.10	3.000	0	102	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID	**5ML RB**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**C36263**	RunNo:	**36263**					
Prep Date:		Analysis Date:	**8/5/2016**	SeqNo:	**1123763**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID	**100NG BTEX LCS**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**C36263**	RunNo:	**36263**					
Prep Date:		Analysis Date:	**8/5/2016**	SeqNo:	**1123764**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	75.3	123			
Toluene	1.1	0.050	1.000	0	108	80	124			
Ethylbenzene	1.1	0.050	1.000	0	105	82.8	121			
Xylenes, Total	3.1	0.10	3.000	0	103	83.9	122			
Surr: 4-Bromofluorobenzene	1.2		1.000		117	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1608328**

08-Aug-16

Client: Souder, Miller & Associates

Project: Salt Draw

Sample ID	**1608328-007AMS**	SampType:	**MS**		TestCode:	**EPA Method 8021B: Volatiles**				
Client ID:	**L7**	Batch ID:	**C36263**		RunNo:	**36263**				
Prep Date:		Analysis Date:	**8/5/2016**		SeqNo:	**1123765**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.50	0.012	0.4975	0	99.6	71.5	122			
Toluene	0.49	0.025	0.4975	0	98.4	71.2	123			
Ethylbenzene	0.49	0.025	0.4975	0	98.6	75.2	130			
Xylenes, Total	1.4	0.050	1.492	0	95.7	72.4	131			
Surr: 4-Bromofluorobenzene	0.57		0.4975		114	80	120			

Sample ID	**1608328-007AMSD**	SampType:	**MSD**		TestCode:	**EPA Method 8021B: Volatiles**				
Client ID:	**L7**	Batch ID:	**C36263**		RunNo:	**36263**				
Prep Date:		Analysis Date:	**8/5/2016**		SeqNo:	**1123766**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.47	0.012	0.4975	0	94.1	71.5	122	5.63	20	
Toluene	0.46	0.025	0.4975	0	92.6	71.2	123	6.10	20	
Ethylbenzene	0.47	0.025	0.4975	0	93.6	75.2	130	5.19	20	
Xylenes, Total	1.4	0.050	1.492	0	91.0	72.4	131	4.96	20	
Surr: 4-Bromofluorobenzene	0.55		0.4975		111	80	120	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: SMA-CARLSBAD Work Order Number: 1608328 RcptNo: 1

Received by/date: AT 08/05/16

Logged By: Ashley Gallegos 8/5/2016 9:30:00 AM

Completed By: Ashley Gallegos 8/5/2016 10:25:37 AM

Reviewed By: AT 08/05/16

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
11. Were any sample containers received broken?	Yes ☐	No ☑	# of preserved bottles checked for pH:
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	(<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.6	Good	Yes			

Chain-of-Custody Record

Client: SMA - Carlsbad

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation:
☐ NELAP ☐ Other

☐ EDD (Type)

Results 10 BTEX

☐ Standard ☐ Rush

Project Name: Salt Draw

Project #: SB25299 -1

Project Manager: Austin Weyland

Sampler: LCM

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.6°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1608328	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
8-16	200	Soil	L1	4oz		-001	X		X									
			L2			-002	X		X									
			L3			-003	X		X									
			L4			-004	X		X									
			L5			-005	X		X									
			L6			-0010	X		X									
			L7			-007	X		X									
			L8			-008	X		X									
			[redacted]															
			L10			-009	X		X									

Date:	Time:	Relinquished by:	Received by:	Date	Time
				8/16	0800
Date:	Time:	Relinquished by:	Received by:	Date	Time
8-16	1100			08/05/16	0930

Remarks: Need results TODAY

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

APPENDIX B

C141 INITIAL AND FINAL

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company *Enterprise Field Services LLC*	Contact *Alena Miro*
PO Box 4324, Houston, TX 77210	Telephone No. *575-706-4926*
Facility Name *Pipeline ROW, 1003*	Facility Type: *Gas Gathering Pipeline*

Surface Owner *Henry McDonald*	Mineral Owner *NA - Pipeline*	Lease No. *NA*

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	*13*	*25S*	*28E*	*85*	*South*	*310*	*East*	*Eddy*

Latitude: *N 32.134004* **Longitude:** *W -104.046157*

NATURE OF RELEASE

Type of Release *Natural Gas and pipeline liquid*	Volume of Release: *892 MCF gas and 25 bbl pipeline liquid*	Volume Recovered: *21 bbl pipeline liquid*
Source of Release *Pipeline Leak*	Date and Hour of Occurrence *6/25/2016 @ 11:30 MST*	Date and Hour of Discovery *6/25/2016 @ 11:30 MST*
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? *Heather Patterson*	
By Whom? *Alena Miro*	Date and Hour *6/25/2016 @ 19:30 MST*	
Was a Watercourse Reached? ☒ Yes ☐ No	If YES, Volume Impacting the Watercourse. *25 bbl of pipeline liquid*	

If a Watercourse was Impacted, Describe Fully.*
On July 28 2016, during excavation of the pipeline for repair, it was discovered that pipeline liquids were released into Salt Draw. The NRC and NMOCD were notified immediately upon discovery of the impacts to Salt Draw on 7/28/2016 @ 09:00 MST. Salt Draw is an ephemeral stream that has downcut through thick bedded gypsum. The confluence with the Pecos River is approximately 0.76 miles downstream of the release point. Reconnaissance downstream of the release point yielded no evidence of hydrocarbon migration.

Describe Cause of Problem and Remedial Action Taken.*
Natural gas and pipeline liquids were released due to a pipeline leak. The pipeline segment was isolated and blown down. During the pipeline repair it was determined that the section of pipe traversing the draw will be taken out of service and abandoned. The pipeline to the north side of the draw is blocked in and blinded. The pipeline to the south side of the draw will be pigged to remove residual liquids and then returned to service.

Describe Area Affected and Cleanup Action Taken.*
The pipeline liquids pooled in the bottom of Salt Draw which was not flowing at the time of the release. Isolated, stagnant pools of rain water were also present in the draw. All pipeline fluids and potentially affected pools of rainwater were removed and the draw was isolated with containment and absorbent booms at five locations downstream of the release point. Affected soil was removed from Salt Draw and placed in lined containment for assessment and remediation. Soil samples were collected from the draw and the affected spoils pile.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: *Jon E. Fields*	OIL CONSERVATION DIVISION
Printed Name: *Jon E. Fields*	Approved by District Supervisor:
Title: *Director, Field Environmental*	Approval Date: / Expiration Date:
E-mail Address: *jefields@eprod.com*	Conditions of Approval: / Attached ☐
Date: *8/3/2016* Phone: *713-381-6684*	

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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State of New Mexico
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Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company ***Enterprise Field Services LLC***	Contact ***Alena Miro***
PO Box 4324, Houston, TX 77210	Telephone No. ***575-628-6825***
Facility Name ***Pipeline ROW, 1003***	Facility Type: ***Gas Gathering Pipeline***

Surface Owner ***Henry McDonald***	Mineral Owner ***NA - Pipeline***	Lease No. ***NA***

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	***13***	***25S***	***28E***	***85***	***South***	***310***	***East***	***Eddy***

Latitude: ***N 32.134004*** **Longitude:** ***W -104.046157***

NATURE OF RELEASE

Type of Release ***Natural Gas and pipeline liquid***	Volume of Release: ***892 MCF gas and 25 bbl pipeline liquid***	Volume Recovered: ***21 bbl pipeline liquid***
Source of Release ***Pipeline Leak***	Date and Hour of Occurrence ***6/25/2016 @ 11:30 MST***	Date and Hour of Discovery ***6/25/2016 @ 11:30 MST***
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? ***Heather Patterson***	
By Whom? ***Alena Miro***	Date and Hour ***6/25/2016 @ 19:30 MST***	
Was a Watercourse Reached? ☒ Yes ☐ No	If YES, Volume Impacting the Watercourse. ***25 bbl of pipeline liquid***	

If a Watercourse was Impacted, Describe Fully.*

On July 28 2016, during excavation of the pipeline for repair, it was discovered that pipeline liquids were released into Salt Draw. The NRC and NMOCD were notified immediately upon discovery of the impacts to Salt Draw on 7/28/2016 @ 09:00 MST. Salt Draw is an ephemeral stream that has downcut through thick bedded gypsum. The confluence with the Pecos River is approximately 0.76 miles downstream of the release point. Reconnaissance downstream of the release point yielded no evidence of hydrocarbon migration.

Describe Cause of Problem and Remedial Action Taken.*

Natural gas and pipeline liquids were released due to a pipeline leak. The pipeline segment was isolated and blown down. During the pipeline repair it was determined that the section of pipe traversing the draw will be taken out of service and abandoned. The pipeline to the north side of the draw is blocked in and blinded. The pipeline to the south side of the draw will be pigged to remove residual liquids and then returned to service.

Describe Area Affected and Cleanup Action Taken.*

The pipeline liquids pooled in the bottom of Salt Draw which was not flowing at the time of the release. Isolated, stagnant pools of rain water were also present in the draw. All pipeline fluids and potentially affected pools of rainwater were removed and the draw was isolated with containment and absorbent booms at five locations downstream of the release point. Affected soil was removed from Salt Draw and placed in lined containment for assessment and remediation. Soil samples were collected from the draw and the affected spoils pile. Upon waste classification the spoils piles were shipped for disposal. When draw conditions and weather permit, the excavation will be backfilled with native soils and returned to original contouring.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: ***Jon E. Fields***	Approved by District Supervisor:	
Title: ***Director, Field Environmental***	Approval Date:	Expiration Date:
E-mail Address: ***jefields@eprod.com***	Conditions of Approval:	Attached ☐
Date: Phone: ***713-381-6684***		

* Attach Additional Sheets If Necessary

APPENDIX C:

XENCO LABORATORIES ANALYTICAL REPORTS PROVIDED BY TALON LPE

Analytical Report 534130

for

Talon/LPE Co.

Project Manager: Melissa Decker

Salt Draw

29-JUL-16

Collected By: Client

1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

29-JUL-16

Project Manager: **Melissa Decker**
Talon/LPE Co.
2901 S State Highway 349
Midland, TX 79706

Reference: XENCO Report No(s): **534130**
Salt Draw
Project Address:

Melissa Decker:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 534130. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 534130 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Sample Cross Reference 534130

Talon/LPE Co., Midland, TX

Salt Draw

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
L9	S	07-28-16 15:30		534130-001

Client Name: Talon/LPE Co.

Project Name: Salt Draw

Project ID:
Work Order Number(s): *534130*

Report Date: *29-JUL-16*
Date Received: *07/29/2016*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 534130

Talon/LPE Co., Midland, TX

Project Name: Salt Draw

Project Id:

Contact: Melissa Decker

Project Location:

Date Received in Lab: Fri Jul-29-16 09:10 am

Report Date: 29-JUL-16

Project Manager: Kelsey Brooks

Analysis Requested								
	Lab Id:	534130-001						
	Field Id:	L9						
	Depth:							
	Matrix:	SOIL						
	Sampled:	Jul-28-16 15:30						
TPH by SW 8015B	***Extracted:***	Jul-29-16 09:30						
	Analyzed:	Jul-29-16 10:24						
	Units/RL:	mg/kg	RL					
C6-C10 Gasoline Range Hydrocarbons		363	15.0					
C10-C28 Diesel Range Hydrocarbons		3910	15.0					
Total TPH		4290	15.0					

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

	Phone	Fax
4147 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
1211 W Florida Ave, Midland, TX 79701	(432) 563-1800	(432) 563-1713
2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282	(602) 437-0330	

Form 2 - Surrogate Recoveries

Project Name: Salt Draw

Work Orders : 534130,

Project ID:

Lab Batch #: 998918 **Sample:** 534130-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 07/29/16 10:24

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	48.2	50.0	96	70-135	

Lab Batch #: 998918 **Sample:** 711476-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 07/28/16 13:47

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.2	100	87	70-135	
o-Terphenyl	42.8	50.0	86	70-135	

Lab Batch #: 998918 **Sample:** 711476-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 07/28/16 14:17

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	48.2	50.0	96	70-135	

Lab Batch #: 998918 **Sample:** 711476-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 07/28/16 14:46

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	105	100	105	70-135	
o-Terphenyl	46.3	50.0	93	70-135	

Lab Batch #: 998918 **Sample:** 534070-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 07/28/16 15:47

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.2	99.9	99	70-135	
o-Terphenyl	43.8	50.0	88	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Salt Draw

Work Orders : 534130,

Project ID:

Lab Batch #: 998918 **Sample:** 534070-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 07/28/16 16:19

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	99.8	101	70-135	
o-Terphenyl	44.0	49.9	88	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Salt Draw

Work Order #: 534130 **Project ID:**

Analyst: ARM **Date Prepared:** 07/28/2016 **Date Analyzed:** 07/28/2016

Lab Batch ID: 998918 **Sample:** 711476-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	1000	907	91	1000	905	91	0	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	1000	931	93	1000	933	93	0	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Salt Draw

Work Order # : 534130 **Project ID:**

Lab Batch ID: 998918 **QC- Sample ID:** 534070-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 07/28/2016 **Date Prepared:** 07/28/2016 **Analyst:** ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	999	856	86	998	885	89	3	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	999	860	86	998	854	86	1	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

CHAIN OF CUSTODY

Page 1 Of 1

XENCO LABORATORIES

Setting the Standard since 1990

Stafford,Texas (281-240-4200)
Dallas, Texas (214-902-0300)
Service Center - San Antonio, Texas (210-509-3334)
www.xenco.com

Odessa, Texas (432-563-1800)
Norcross, Georgia (770-449-8800)
Lakeland, Florida (863-646-8526)
Tampa, Florida (813-620-2000)

Xenco Quote #
Xenco Job # 534130

Client / Reporting Information

Company Name / Branch: Talon LPE
Company Address: 2901 Hwy 349 Midland
Email: mdecker@talonlpe.com
Phone No:
Project Contact: Melissa Decker
Samplers's Name: Melissa Decker

Project Information

Project Name/Number:
Project Location: Salt Draw
Invoice To:
PO Number:

Analytical Information

DRO/GRO
TPH

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

No.	Field ID / Point of Collection	Collection: Sample Depth	Collection: Date	Collection: Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	None	Field Comments
1	L9		7/29	1520	S	1								X	
2															
3															
4															
5															
6															
7															
8															
9															
10															

Turnaround Time (Business days)

- [X] Same Day TAT
- [ ] 5 Day TAT
- [ ] Next Day EMERGENCY
- [ ] 7 Day TAT
- [ ] 2 Day EMERGENCY
- [ ] Contract TAT
- [ ] 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- [ ] Level II Std QC
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] Level III Std QC+ Forms
- [ ] TRRP Level IV
- [ ] Level 3 (CLP Forms)
- [ ] UST / RG -411
- [ ] TRRP Checklist

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		7/29 0910		2		2
	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3			3	4		4
	Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice
5			5			X

Temp: 5.7°C IR ID:R-8
C/F:0
Corrected Temp: 5.7°C

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previous

Final 1.000

Page 11 of 12

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: Talon/LPE Co.

Date/ Time Received: 07/29/2016 09:10:00 AM

Work Order #: 534130

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5.7
#2 *Shipping container in good condition?	**N/A**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seal present on shipping container/ cooler?	**N/A**
#5 *Custody Seals intact on shipping container/ cooler?	**N/A**
#6 Custody Seals intact on sample bottles?	**N/A**
#7 *Custody Seals Signed and dated?	**N/A**
#8 *Chain of Custody present?	**Yes**
#9 Sample instructions complete on Chain of Custody?	**Yes**
#10 Any missing/extra samples?	**No**
#11 Chain of Custody signed when relinquished/ received?	**Yes**
#12 Chain of Custody agrees with sample label(s)?	**Yes**
#13 Container label(s) legible and intact?	**Yes**
#14 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#15 Samples in proper container/ bottle?	**Yes**
#16 Samples properly preserved?	**Yes**
#17 Sample container(s) intact?	**Yes**
#18 Sufficient sample amount for indicated test(s)?	**Yes**
#19 All samples received within hold time?	**Yes**
#20 Subcontract of sample(s)?	**No**
#21 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#22 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**N/A**
#23 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by: Mary Alexis Negron
Mary Negron
Date: 07/29/2016

Checklist reviewed by: Kelsey Brooks
Kelsey Brooks
Date: 07/29/2016

Analytical Report 534926

for

Talon/LPE Co.

Project Manager: Melissa Decker

Enterprise Salt Draw

700348.346.01

17-AUG-16

Collected By: Client

1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Table of Contents

17-AUG-16

Project Manager: **Melissa Decker**
Talon/LPE Co.
2901 S State Highway 349
Midland, TX 79706

Reference: XENCO Report No(s): **534926**
Enterprise Salt Draw
Project Address: Eddy County, NM

Melissa Decker:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 534926. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 534926 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Sample Cross Reference 534926

Talon/LPE Co., Midland, TX

Enterprise Salt Draw

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
WS-1B	W	08-11-16 12:00		534926-001
WS-3B	W	08-11-16 12:15		534926-002
WW-1B	S	08-11-16 13:00	- 6 In	534926-003
EW-1B	S	08-11-16 13:15	- 6 In	534926-004

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-999830 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analysis Summary 534926

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Fri Aug-12-16 01:44 pm
Report Date: 17-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	534926-001		534926-002		534926-003		534926-004					
	Field Id:	WS-1B		WS-3B		WW-1B		EW-1B					
	Depth:					6 In		6 In					
	Matrix:	WATER		WATER		SOIL		SOIL					
	Sampled:	Aug-11-16 12:00		Aug-11-16 12:15		Aug-11-16 13:00		Aug-11-16 13:15					
BTEX by EPA 8021B	***Extracted:***	Aug-12-16 17:30		Aug-12-16 17:30		Aug-12-16 18:30		Aug-12-16 18:30					
	Analyzed:	Aug-12-16 18:38		Aug-12-16 18:54		Aug-12-16 23:08		Aug-12-16 23:25					
	Units/RL:	mg/L	RL	mg/L	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00200	ND	0.00200	ND	0.00750	ND	0.00149				
Toluene		ND	0.00200	ND	0.00200	ND	0.0100	ND	0.00198				
Ethylbenzene		ND	0.00200	ND	0.00200	ND	0.0100	ND	0.00198				
m,p-Xylenes		ND	0.00200	ND	0.00200	ND	0.0100	ND	0.00198				
o-Xylene		ND	0.00200	ND	0.00200	ND	0.0150	ND	0.00298				
Total Xylenes		ND	0.00200	ND	0.00200	ND	0.0100	ND	0.00198				
Total BTEX		ND	0.00200	ND	0.00200	ND	0.00750	ND	0.00149				
TPH by SW 8015B	***Extracted:***	Aug-16-16 14:00		Aug-16-16 14:00		Aug-12-16 16:00		Aug-12-16 16:00					
	Analyzed:	Aug-16-16 17:17		Aug-16-16 18:41		Aug-13-16 09:30		Aug-13-16 09:56					
	Units/RL:	mg/L	RL	mg/L	RL	mg/kg	RL	mg/kg	RL				
C6-C10 Gasoline Range Hydrocarbons		ND	1.50	ND	1.50	ND	15.0	ND	15.0				
C10-C28 Diesel Range Hydrocarbons		ND	1.50	ND	1.50	ND	15.0	ND	15.0				
Total TPH		ND	1.50	ND	1.50	ND	15.0	ND	15.0				

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

	Phone	Fax
4147 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
1211 W Florida Ave, Midland, TX 79701	(432) 563-1800	(432) 563-1713
2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282	(602) 437-0330	

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534926,

Project ID: 700348.346.01

Lab Batch #: 999854 **Sample:** 534926-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/12/16 18:38

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0307	0.0300	102	80-120	
4-Bromofluorobenzene	0.0305	0.0300	102	80-120	

Lab Batch #: 999854 **Sample:** 534926-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/12/16 18:54

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0291	0.0300	97	80-120	
4-Bromofluorobenzene	0.0313	0.0300	104	80-120	

Lab Batch #: 999830 **Sample:** 534926-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/12/16 23:08

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0301	0.0300	100	80-120	
4-Bromofluorobenzene <08/15/2016 12:59>	0.0282	0.0300	94	80-120	

Lab Batch #: 999830 **Sample:** 534926-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/12/16 23:25

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0303	0.0300	101	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

Lab Batch #: 999793 **Sample:** 534926-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/13/16 09:30

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.1	99.8	87	70-135	
o-Terphenyl	43.2	49.9	87	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534926,

Project ID: 700348.346.01

Lab Batch #: 999793 **Sample:** 534926-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/13/16 09:56

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.6	99.9	92	70-135	
o-Terphenyl	45.2	50.0	90	70-135	

Lab Batch #: 999984 **Sample:** 534926-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/16/16 17:17

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	10.1	9.98	101	70-135	
o-Terphenyl	5.25	4.99	105	70-135	

Lab Batch #: 999984 **Sample:** 534926-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/16/16 18:41

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	9.88	9.99	99	70-135	
o-Terphenyl	5.25	4.99	105	70-135	

Lab Batch #: 999854 **Sample:** 712101-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/12/16 07:25

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0289	0.0300	96	80-120	
4-Bromofluorobenzene	0.0261	0.0300	87	80-120	

Lab Batch #: 999830 **Sample:** 712090-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/12/16 22:36

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0304	0.0300	101	80-120	
4-Bromofluorobenzene	0.0270	0.0300	90	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534926,

Project ID: 700348.346.01

Lab Batch #: 999793 **Sample:** 712056-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/13/16 06:24

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.6	100	96	70-135	
o-Terphenyl	46.8	50.0	94	70-135	

Lab Batch #: 999984 **Sample:** 712171-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/16/16 15:51

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	8.20	10.0	82	70-135	
o-Terphenyl	4.23	5.00	85	70-135	

Lab Batch #: 999854 **Sample:** 712101-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/12/16 06:04

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0275	0.0300	92	80-120	

Lab Batch #: 999830 **Sample:** 712090-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/12/16 21:15

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0263	0.0300	88	80-120	

Lab Batch #: 999793 **Sample:** 712056-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/13/16 06:51

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	100	108	70-135	
o-Terphenyl	48.0	50.0	96	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534926,

Project ID: 700348.346.01

Lab Batch #: 999984 **Sample:** 712171-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/16/16 16:20

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	9.92	10.0	99	70-135	
o-Terphenyl	4.78	5.00	96	70-135	

Lab Batch #: 999854 **Sample:** 712101-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/12/16 06:20

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0305	0.0300	102	80-120	
4-Bromofluorobenzene	0.0289	0.0300	96	80-120	

Lab Batch #: 999830 **Sample:** 712090-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/12/16 21:31

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 999793 **Sample:** 712056-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/13/16 07:17

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	109	100	109	70-135	
o-Terphenyl	49.3	50.0	99	70-135	

Lab Batch #: 999984 **Sample:** 712171-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/16/16 16:48

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	10.5	10.0	105	70-135	
o-Terphenyl	4.97	5.00	99	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534926,

Project ID: 700348.346.01

Lab Batch #: 999854 **Sample:** 534810-001 S / MS **Batch:** 1 **Matrix:** Ground Water

Units: mg/L **Date Analyzed:** 08/12/16 06:36

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0304	0.0300	101	80-120	
4-Bromofluorobenzene	0.0282	0.0300	94	80-120	

Lab Batch #: 999830 **Sample:** 534909-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/12/16 21:47

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0317	0.0300	106	80-120	
4-Bromofluorobenzene	0.0319	0.0300	106	80-120	

Lab Batch #: 999984 **Sample:** 534926-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/16/16 17:47

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	11.7	9.98	117	70-135	
o-Terphenyl	5.72	4.99	115	70-135	

Lab Batch #: 999854 **Sample:** 534810-001 SD / MSD **Batch:** 1 **Matrix:** Ground Water

Units: mg/L **Date Analyzed:** 08/12/16 06:52

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0279	0.0300	93	80-120	

Lab Batch #: 999984 **Sample:** 534926-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/16/16 18:14

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	11.6	9.99	116	70-135	
o-Terphenyl	5.60	5.00	112	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Enterprise Salt Draw

Work Order #: 534926 **Project ID:** 700348.346.01

Analyst: PJB **Date Prepared:** 08/12/2016 **Date Analyzed:** 08/12/2016

Lab Batch ID: 999830 **Sample:** 712090-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00150	0.100	0.0851	85	0.100	0.0973	97	13	70-130	35	
Toluene	<0.00200	0.100	0.0870	87	0.100	0.0993	99	13	70-130	35	
Ethylbenzene	<0.00200	0.100	0.0871	87	0.100	0.101	101	15	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.174	87	0.200	0.202	101	15	70-135	35	
o-Xylene	<0.00300	0.100	0.0869	87	0.100	0.101	101	15	71-133	35	

Analyst: PJB **Date Prepared:** 08/11/2016 **Date Analyzed:** 08/12/2016

Lab Batch ID: 999854 **Sample:** 712101-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00200	0.100	0.105	105	0.100	0.101	101	4	70-125	25	
Toluene	<0.00200	0.100	0.107	107	0.100	0.102	102	5	70-125	25	
Ethylbenzene	<0.00200	0.100	0.110	110	0.100	0.105	105	5	71-129	25	
m,p-Xylenes	<0.00200	0.200	0.217	109	0.200	0.207	104	5	70-131	25	
o-Xylene	<0.00200	0.100	0.109	109	0.100	0.103	103	6	71-133	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Enterprise Salt Draw

Work Order #: 534926 **Project ID:** 700348.346.01

Analyst: ARM **Date Prepared:** 08/12/2016 **Date Analyzed:** 08/13/2016

Lab Batch ID: 999793 **Sample:** 712056-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	1000	838	84	1000	902	90	7	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	1000	809	81	1000	858	86	6	70-135	35	

Analyst: ARM **Date Prepared:** 08/16/2016 **Date Analyzed:** 08/16/2016

Lab Batch ID: 999984 **Sample:** 712171-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<1.50	100	80.2	80	100	81.3	81	1	70-135	25	
C10-C28 Diesel Range Hydrocarbons	<1.50	100	81.7	82	100	83.2	83	2	70-135	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: Enterprise Salt Draw

Work Order #: 534926

Lab Batch #: 999830 **Project ID:** 700348.346.01

Date Analyzed: 08/12/2016 **Date Prepared:** 08/12/2016 **Analyst:** PJB

QC- Sample ID: 534909-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

BTEX by EPA 8021B Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY					
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Benzene	<0.00150	0.100	0.0771	77	70-130	
Toluene	<0.00200	0.100	0.0776	78	70-130	
Ethylbenzene	<0.00200	0.100	0.0777	78	71-129	
m,p-Xylenes	<0.00200	0.200	0.155	78	70-135	
o-Xylene	<0.00300	0.100	0.0779	78	71-133	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: Enterprise Salt Draw

Work Order # : 534926 **Project ID:** 700348.346.01

Lab Batch ID: 999854 **QC- Sample ID:** 534810-001 S **Batch #:** 1 **Matrix:** Ground Water

Date Analyzed: 08/12/2016 **Date Prepared:** 08/11/2016 **Analyst:** PJB

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00200	0.100	0.0968	97	0.100	0.0966	97	0	70-125	25	
Toluene	<0.00200	0.100	0.0979	98	0.100	0.0982	98	0	70-125	25	
Ethylbenzene	<0.00200	0.100	0.100	100	0.100	0.101	101	1	71-129	25	
m,p-Xylenes	<0.00200	0.200	0.198	99	0.200	0.199	100	1	70-131	25	
o-Xylene	<0.00200	0.100	0.0977	98	0.100	0.0983	98	1	71-133	25	

Lab Batch ID: 999984 **QC- Sample ID:** 534926-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 08/16/2016 **Date Prepared:** 08/16/2016 **Analyst:** ARM

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<1.50	99.8	82.0	82	99.9	87.1	87	6	70-135	25	
C10-C28 Diesel Range Hydrocarbons	<1.50	99.8	83.7	84	99.9	84.0	84	0	70-135	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

CHAIN OF CUSTODY

XENCO LABORATORIES

Page 1 Of 1

Setting the Standard since 1990

Stafford,Texas (281-240-4200) | Odessa, Texas (432-563-1800) | Lakeland, Florida (863-646-8526)

Dallas, Texas (214-902-0300) | Norcross, Georgia (770-449-8800) | Tampa, Florida (813-620-2000)

Service Center - San Antonio, Texas (210-509-3334) | www.xenco.com

Xenco Quote # | Xenco Job # 534926

Client / Reporting Information

Company Name / Branch: Talon LPE

Company Address: Midland, TX

Email: mdecher@talonlpe.com | Phone No:

Project Contact: Melissa Decher

Samplers Name: Brian Peyton

Project Information 700348.346.01

Project Name/Number: Enterprise Salt Draw

Project Location: Eddy Co, NM

Invoice To: Accounting

PO Number:

Analytical Information

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	None	TPH GRO-DRO	BTEX	Field Comments
1	WS-1B	0"	8-11-16	1200	SW	1	X							X	X	X	
2	WS-3B	0"		1215	SW	1	X							X	X	X	
3	WW-1B	6"		1300	S									X	X	X	
4	EW-1B	6"		1315	S									X	X	X	
5																	
6																	
7																	
8																	
9																	
10																	

Turnaround Time (Business days)

- [ ] Same Day TAT
- [ ] 5 Day TAT
- [x] Next Day EMERGENCY
- [ ] 7 Day TAT
- [ ] 2 Day EMERGENCY
- [ ] Contract TAT
- [ ] 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- [ ] Level II Std QC
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] Level III Std QC+ Forms
- [ ] TRRP Level IV
- [ ] Level 3 (CLP Forms)
- [ ] UST / RG -411
- [ ] TRRP Checklist

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		8-12-16	1	2		2
3		8/12/16	1440	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice: X

Temp: 1.6°C IR ID:R-8
C/F:0
Corrected Temp: 1.6°C

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previo

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: Talon/LPE Co.

Date/ Time Received: 08/12/2016 01:44:02 PM

Work Order #: 534926

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.6
#2 *Shipping container in good condition?	**N/A**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seal present on shipping container/ cooler?	**N/A**
#5 *Custody Seals intact on shipping container/ cooler?	**N/A**
#6 Custody Seals intact on sample bottles?	**N/A**
#7 *Custody Seals Signed and dated?	**N/A**
#8 *Chain of Custody present?	**Yes**
#9 Sample instructions complete on Chain of Custody?	**Yes**
#10 Any missing/extra samples?	**No**
#11 Chain of Custody signed when relinquished/ received?	**Yes**
#12 Chain of Custody agrees with sample label(s)?	**Yes**
#13 Container label(s) legible and intact?	**Yes**
#14 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#15 Samples in proper container/ bottle?	**Yes**
#16 Samples properly preserved?	**Yes**
#17 Sample container(s) intact?	**Yes**
#18 Sufficient sample amount for indicated test(s)?	**Yes**
#19 All samples received within hold time?	**Yes**
#20 Subcontract of sample(s)?	**No**
#21 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#22 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**N/A**
#23 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by: Mary Alexis Negron
Mary Negron
Date: 08/12/2016

Checklist reviewed by: Kelsey Brooks
Kelsey Brooks
Date: 08/12/2016

Analytical Report 534651

for

Talon/LPE Co.

Project Manager: Melissa Decker

Enterprise Salt Draw

700348.346.01

11-AUG-16

Collected By: Client

1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Table of Contents

11-AUG-16

Project Manager: **Melissa Decker**
Talon/LPE Co.
2901 S State Highway 349
Midland, TX 79706

Reference: XENCO Report No(s): **534651**
Enterprise Salt Draw
Project Address: Eddy County, NM

Melissa Decker:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 534651. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 534651 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Sample Cross Reference 534651

Talon/LPE Co., Midland, TX

Enterprise Salt Draw

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1	S	08-03-16 15:00		534651-001
SP-2	S	08-03-16 15:15		534651-002
SP-3	S	08-03-16 15:30		534651-003

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-999604 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analysis Summary 534651

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Mon Aug-08-16 02:25 pm
Report Date: 11-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested											
	Lab Id:	534651-001		534651-002		534651-003					
	Field Id:	SP-1		SP-2		SP-3					
	Depth:										
	Matrix:	SOIL		SOIL		SOIL					
	Sampled:	Aug-03-16 15:00		Aug-03-16 15:15		Aug-03-16 15:30					
BTEX by EPA 8021B	***Extracted:***	Aug-09-16 18:30		Aug-09-16 18:30		Aug-09-16 18:30					
	Analyzed:	Aug-10-16 11:06		Aug-10-16 11:22		Aug-10-16 10:50					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00149	ND	0.00150	ND	0.00149				
Toluene		ND	0.00198	ND	0.00200	ND	0.00199				
Ethylbenzene		ND	0.00198	ND	0.00200	ND	0.00199				
m,p-Xylenes		ND	0.00198	ND	0.00200	ND	0.00199				
o-Xylene		ND	0.00298	ND	0.00299	ND	0.00299				
Total Xylenes		ND	0.00198	ND	0.00200	ND	0.00199				
Total BTEX		ND	0.00149	ND	0.00150	ND	0.00149				
TPH by SW 8015B	***Extracted:***	Aug-08-16 17:00		Aug-08-16 17:00		Aug-08-16 17:00					
	Analyzed:	Aug-09-16 12:26		Aug-09-16 12:53		Aug-09-16 13:26					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C10 Gasoline Range Hydrocarbons		18.6	14.9	ND	15.0	ND	15.0				
C10-C28 Diesel Range Hydrocarbons		764	14.9	22.6	15.0	51.2	15.0				
Total TPH		804	14.9	22.6	15.0	51.2	15.0				

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

	Phone	Fax
4147 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
1211 W Florida Ave, Midland, TX 79701	(432) 563-1800	(432) 563-1713
2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282	(602) 437-0330	

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534651,

Project ID: 700348.346.01

Lab Batch #: 999534 **Sample:** 534651-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/09/16 12:26

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.6	103	70-135	
o-Terphenyl	50.9	49.8	102	70-135	

Lab Batch #: 999534 **Sample:** 534651-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/09/16 12:53

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.5	99.7	86	70-135	
o-Terphenyl	41.9	49.9	84	70-135	

Lab Batch #: 999534 **Sample:** 534651-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/09/16 13:26

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.8	99.7	85	70-135	
o-Terphenyl	41.8	49.9	84	70-135	

Lab Batch #: 999604 **Sample:** 534651-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/10/16 10:50

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0280	0.0300	93	80-120	

Lab Batch #: 999604 **Sample:** 534651-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/10/16 11:06

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0278	0.0300	93	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534651,

Project ID: 700348.346.01

Lab Batch #: 999604 **Sample:** 534651-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/10/16 11:22

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0291	0.0300	97	80-120	
4-Bromofluorobenzene	0.0277	0.0300	92	80-120	

Lab Batch #: 999534 **Sample:** 711857-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/09/16 04:04

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	53.3	50.0	107	70-135	

Lab Batch #: 999604 **Sample:** 711916-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/10/16 08:55

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0305	0.0300	102	80-120	
4-Bromofluorobenzene	0.0266	0.0300	89	80-120	

Lab Batch #: 999534 **Sample:** 711857-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/09/16 04:31

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	126	100	126	70-135	
o-Terphenyl	55.4	50.0	111	70-135	

Lab Batch #: 999604 **Sample:** 711916-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/10/16 07:19

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0307	0.0300	102	80-120	
4-Bromofluorobenzene	0.0292	0.0300	97	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534651,

Project ID: 700348.346.01

Lab Batch #: 999534 **Sample:** 711857-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/09/16 04:57

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	122	100	122	70-135	
o-Terphenyl	55.1	50.0	110	70-135	

Lab Batch #: 999604 **Sample:** 711916-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/10/16 07:36

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0289	0.0300	96	80-120	

Lab Batch #: 999534 **Sample:** 534631-021 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/09/16 05:49

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.7	106	70-135	
o-Terphenyl	45.3	49.9	91	70-135	

Lab Batch #: 999604 **Sample:** 534668-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/10/16 11:54

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 999534 **Sample:** 534631-021 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/09/16 06:14

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	99.9	104	70-135	
o-Terphenyl	43.9	50.0	88	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534651, **Project ID:** 700348.346.01

Lab Batch #: 999604 **Sample:** 534668-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/10/16 08:08

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0303	0.0300	101	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Enterprise Salt Draw

Work Order #: 534651 **Project ID:** 700348.346.01

Analyst: PJB **Date Prepared:** 08/09/2016 **Date Analyzed:** 08/10/2016

Lab Batch ID: 999604 **Sample:** 711916-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00150	0.100	0.0958	96	0.100	0.0972	97	1	70-130	35	
Toluene	<0.00200	0.100	0.0973	97	0.100	0.0989	99	2	70-130	35	
Ethylbenzene	<0.00200	0.100	0.0990	99	0.100	0.101	101	2	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.196	98	0.200	0.199	100	2	70-135	35	
o-Xylene	<0.00300	0.100	0.0974	97	0.100	0.0993	99	2	71-133	35	

Analyst: ARM **Date Prepared:** 08/08/2016 **Date Analyzed:** 08/09/2016

Lab Batch ID: 999534 **Sample:** 711857-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	1000	907	91	1000	941	94	4	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	1000	974	97	1000	974	97	0	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Enterprise Salt Draw

Work Order # : 534651 **Project ID:** 700348.346.01

Lab Batch ID: 999604 **QC- Sample ID:** 534668-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 08/10/2016 **Date Prepared:** 08/09/2016 **Analyst:** PJB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00150	0.0998	0.0676	68	0.0998	0.0661	66	2	70-130	35	X
Toluene	<0.00200	0.0998	0.0644	65	0.0998	0.0605	61	6	70-130	35	X
Ethylbenzene	<0.00200	0.0998	0.0575	58	0.0998	0.0527	53	9	71-129	35	X
m,p-Xylenes	<0.00200	0.200	0.112	56	0.200	0.101	51	10	70-135	35	X
o-Xylene	<0.00299	0.0998	0.0570	57	0.0998	0.0486	49	16	71-133	35	X

Lab Batch ID: 999534 **QC- Sample ID:** 534631-021 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 08/09/2016 **Date Prepared:** 08/08/2016 **Analyst:** ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	997	864	87	999	845	85	2	70-135	35	
C10-C28 Diesel Range Hydrocarbons	16.0	997	837	82	999	818	80	2	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

CHAIN OF CUSTODY

Page 1 Of 1

XENCO LABORATORIES

Setting the Standard since 1990

Stafford,Texas (281-240-4200) | Odessa, Texas (432-563-1800) | Lakeland, Florida (863-646-8526)

Dallas, Texas (214-902-0300) | Norcross, Georgia (770-449-8800) | Tampa, Florida (813-620-2000)

Service Center - San Antonio, Texas (210-509-3334) | www.xenco.com

Xenco Quote # | Xenco Job # 534651

Client / Reporting Information

Company Name / Branch: Talon LPE

Company Address: Midland, TX

Email: brayton@talonlpe.com | Phone No:

Project Contact: Melissa Decker

Samplers's Name: Brian Rayton

Project Information 700348.346.01

Project Name/Number: Enterprise Salt Draw

Project Location: Eddy Co. NM

Invoice To: Accounting

PO Number:

Analytical Information

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	None	GRO ORO	TPH	BTEX	Field Comments
1	SP-1	0	5-3-16	1500	S	1								X	X	X		
2	SP-2	0	↓	1515	S	1								X	X	X		
3	SP-3	0		1530	S	1								X	X	X		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

Turnaround Time (Business days)

- [ ] Same Day TAT
- [X] 5 Day TAT
- [ ] Next Day EMERGENCY
- [ ] 7 Day TAT
- [ ] 2 Day EMERGENCY
- [ ] Contract TAT
- [ ] 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- [ ] Level II Std QC
- [ ] Level III Std QC+ Forms
- [ ] Level 3 (CLP Forms)
- [ ] TRRP Checklist
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] TRRP Level IV
- [ ] UST / RG -411

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	B-R	5-3-16 1425	1 Maz	2		2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable	On Ice: X

Temp: IR ID:R-8
C/F:0 -1.0°C
Corrected Temp: -1.0°C

Cooler T

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previously negotiated under a fully executed client contract.

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: Talon/LPE Co.

Date/ Time Received: 08/08/2016 02:25:00 PM

Work Order #: 534651

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	-1
#2 *Shipping container in good condition?	**N/A**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seal present on shipping container/ cooler?	**N/A**
#5 *Custody Seals intact on shipping container/ cooler?	**N/A**
#6 Custody Seals intact on sample bottles?	**N/A**
#7 *Custody Seals Signed and dated?	**N/A**
#8 *Chain of Custody present?	**Yes**
#9 Sample instructions complete on Chain of Custody?	**Yes**
#10 Any missing/extra samples?	**No**
#11 Chain of Custody signed when relinquished/ received?	**Yes**
#12 Chain of Custody agrees with sample label(s)?	**Yes**
#13 Container label(s) legible and intact?	**Yes**
#14 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#15 Samples in proper container/ bottle?	**Yes**
#16 Samples properly preserved?	**Yes**
#17 Sample container(s) intact?	**Yes**
#18 Sufficient sample amount for indicated test(s)?	**Yes**
#19 All samples received within hold time?	**Yes**
#20 Subcontract of sample(s)?	**No**
#21 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#22 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**N/A**
#23 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by: Mary Alexis Negron
Mary Negron
Date: 08/08/2016

Checklist reviewed by: Kelsey Brooks
Kelsey Brooks
Date: 08/09/2016

Analytical Report 534650

for

Talon/LPE Co.

Project Manager: Melissa Decker

Enterprise Salt Draw

700348.346.01

11-AUG-16

Collected By: Client

1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Table of Contents

11-AUG-16

Project Manager: **Melissa Decker**
Talon/LPE Co.
2901 S State Highway 349
Midland, TX 79706

Reference: XENCO Report No(s): **534650**
Enterprise Salt Draw
Project Address: Eddy County, NM

Melissa Decker:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 534650. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 534650 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Sample Cross Reference 534650

Talon/LPE Co., Midland, TX

Enterprise Salt Draw

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1	S	08-03-16 15:00		534650-001
SP-2	S	08-03-16 15:15		534650-002
SP-3	S	08-03-16 15:30		534650-003

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Client Name: Talon/LPE Co.

Project Name: Enterprise Salt Draw

Project ID:	*700348.346.01*	Report Date:	*11-AUG-16*
Work Order Number(s):	*534650*	Date Received:	*08/08/2016*

Certificate of Analysis Summary 534650

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Mon Aug-08-16 02:25 pm
Report Date: 11-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested											
	Lab Id:	534650-001		534650-002		534650-003					
	Field Id:	SP-1		SP-2		SP-3					
	Depth:										
	Matrix:	SOIL		SOIL		SOIL					
	Sampled:	Aug-03-16 15:00		Aug-03-16 15:15		Aug-03-16 15:30					
TCLP BTEX by SW 8260B	***Extracted:***	Aug-09-16 13:10		Aug-09-16 13:11		Aug-09-16 13:12					
SUB: E871002	***Analyzed:***	Aug-10-16 14:01		Aug-10-16 14:20		Aug-10-16 14:39					
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL				
Benzene		ND	0.00500	ND	0.00500	ND	0.00500				

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 534650

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Mon Aug-08-16 02:25 pm
Report Date: 11-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	534650-001		534650-002		534650-003							
	Field Id:	SP-1		SP-2		SP-3							
	Depth:												
	Matrix:	SOIL		SOIL		SOIL							
	Sampled:	Aug-03-16 15:00		Aug-03-16 15:15		Aug-03-16 15:30							
Flash Point (CC) SW-846 1010 SUB: E871002	***Extracted:***												
	Analyzed:	Aug-10-16 15:15		Aug-10-16 15:15		Aug-10-16 15:15							
	Units/RL:	Deg F	RL	Deg F	RL	Deg F	RL						
Flash Point		>180	75.0	>180	75.0	>180	75.0						
Reactive Cyanide by SW 846-Section7.3.3 SUB: E871002	***Extracted:***	Aug-10-16 12:00		Aug-10-16 12:00		Aug-10-16 12:00							
	Analyzed:	Aug-11-16 15:36		Aug-11-16 15:38		Aug-11-16 15:39							
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL						
Cyanide		ND	0.250	ND	0.250	ND	0.250						
Reactive Sulfide by SW9034 SUB: E871002	***Extracted:***												
	Analyzed:	Aug-10-16 13:21		Aug-10-16 13:21		Aug-10-16 13:21							
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL						
Reactive Sulfide		ND	25.0	ND	25.0	ND	25.0						
Soil pH by EPA 9045C SUB: E871002	***Extracted:***												
	Analyzed:	Aug-09-16 11:33		Aug-09-16 11:33		Aug-09-16 11:33							
	Units/RL:	SU	RL	SU	RL	SU	RL						
pH		8.10		8.03		8.12							

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

	Phone	Fax
4147 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
1211 W Florida Ave, Midland, TX 79701	(432) 563-1800	(432) 563-1713
2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282	(602) 437-0330	

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534650,

Project ID: 700348.346.01

Lab Batch #: 999619 **Sample:** 534650-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/L **Date Analyzed:** 08/10/16 14:01

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0532	0.0500	106	75-131	
1,2-Dichloroethane-D4	0.0511	0.0500	102	63-144	
Toluene-D8	0.0478	0.0500	96	80-117	

Lab Batch #: 999619 **Sample:** 534650-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/L **Date Analyzed:** 08/10/16 14:20

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0566	0.0500	113	75-131	
1,2-Dichloroethane-D4	0.0541	0.0500	108	63-144	
Toluene-D8	0.0486	0.0500	97	80-117	

Lab Batch #: 999619 **Sample:** 534650-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/L **Date Analyzed:** 08/10/16 14:39

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0599	0.0500	120	75-131	
1,2-Dichloroethane-D4	0.0569	0.0500	114	63-144	
Toluene-D8	0.0492	0.0500	98	80-117	

Lab Batch #: 999619 **Sample:** 711931-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/10/16 12:07

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0583	0.0500	117	75-131	
1,2-Dichloroethane-D4	0.0567	0.0500	113	63-144	
Toluene-D8	0.0495	0.0500	99	80-117	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534650,

Project ID: 700348.346.01

Lab Batch #: 999619 **Sample:** 711931-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/10/16 10:27

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0532	0.0500	106	75-131	
1,2-Dichloroethane-D4	0.0535	0.0500	107	63-144	
Toluene-D8	0.0500	0.0500	100	80-117	

Lab Batch #: 999619 **Sample:** 711931-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/10/16 10:48

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0542	0.0500	108	75-131	
1,2-Dichloroethane-D4	0.0528	0.0500	106	63-144	
Toluene-D8	0.0498	0.0500	100	80-117	

Lab Batch #: 999619 **Sample:** 534650-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/L **Date Analyzed:** 08/10/16 15:41

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0530	0.0500	106	75-131	
1,2-Dichloroethane-D4	0.0572	0.0500	114	63-144	
Toluene-D8	0.0504	0.0500	101	80-117	

Lab Batch #: 999619 **Sample:** 534650-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/L **Date Analyzed:** 08/10/16 19:59

SURROGATE RECOVERY STUDY

TCLP BTEX by SW 8260B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0560	0.0500	112	75-131	
1,2-Dichloroethane-D4	0.0566	0.0500	113	63-144	
Toluene-D8	0.0527	0.0500	105	80-117	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Enterprise Salt Draw

Work Order #: 534650 **Project ID:** 700348.346.01

Analyst: KCS **Date Prepared:** 08/10/2016 **Date Analyzed:** 08/11/2016

Lab Batch ID: 999672 **Sample:** 711987-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Reactive Cyanide by SW 846-Section7.3.3 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Cyanide	<1.25	20.0	3.20	16	20.0	3.16	16	1	5-40	20	

Analyst: YAV **Date Prepared:** 08/10/2016 **Date Analyzed:** 08/10/2016

Lab Batch ID: 999596 **Sample:** 999596-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Reactive Sulfide by SW9034 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Reactive Sulfide	<25.0	50.0	32.0	64	50.0	36.0	72	12	30-120	20	

Analyst: JTR **Date Prepared:** 08/09/2016 **Date Analyzed:** 08/10/2016

Lab Batch ID: 999619 **Sample:** 711931-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCLP BTEX by SW 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00500	0.500	0.487	97	0.500	0.474	95	3	66-142	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Enterprise Salt Draw

Work Order # : 534650 **Project ID:** 700348.346.01

Lab Batch ID: 999619 **QC- Sample ID:** 534650-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 08/10/2016 **Date Prepared:** 08/09/2016 **Analyst:** JTR

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TCLP BTEX by SW 8260B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00500	0.500	0.518	104	0.500	0.447	89	15	66-142	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Sample Duplicate Recovery

Project Name: Enterprise Salt Draw

Work Order #: 534650

Lab Batch #: 999593 **Project ID:** 700348.346.01
Date Analyzed: 08/10/2016 15:15 **Date Prepared:** 08/10/2016 **Analyst:** YAV
QC- Sample ID: 534539-001 D **Batch #:** 1 **Matrix:** Sludge
Reporting Units: Deg F

Flash Point (CC) SW-846 1010 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	<75	<75	0	25	U

Lab Batch #: 999672
Date Analyzed: 08/11/2016 15:42 **Date Prepared:** 08/10/2016 **Analyst:** KCS
QC- Sample ID: 534677-001 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

Reactive Cyanide by SW 846-Section7.3.3 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Cyanide	<0.250	<0.250	0	20	U

Lab Batch #: 999596
Date Analyzed: 08/10/2016 13:21 **Date Prepared:** 08/10/2016 **Analyst:** YAV
QC- Sample ID: 534677-001 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

Reactive Sulfide by SW9034 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Reactive Sulfide	<25.0	<25.0	0	20	U

Lab Batch #: 999521
Date Analyzed: 08/09/2016 11:33 **Date Prepared:** 08/09/2016 **Analyst:** YAV
QC- Sample ID: 534650-001 D **Batch #:** 1 **Matrix:** Soil
Reporting Units: SU

Soil pH by EPA 9045C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	8.10	8.11	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

CHAIN OF CUSTODY

Page 1 Of 1

XENCO LABORATORIES

Setting the Standard since 1990

Stafford,Texas (281-240-4200) | Odessa, Texas (432-563-1800) | Lakeland, Florida (863-646-8526)

Dallas, Texas (214-902-0300) | Norcross, Georgia (770-449-8800) | Tampa, Florida (813-620-2000)

Service Center - San Antonio, Texas (210-509-3334) | www.xenco.com

Xenco Quote # | Xenco Job # 534650

Client / Reporting Information

Company Name / Branch: Talon LPE

Company Address: Midland TX

Email: DPayton@talonlpe.com | Phone No:

Project Contact: Melissa Pecher

Samplers's Name: Brian Payton

Project Information 700348.346.01

Project Name/Number: Enterprise Salt Draw

Project Location: Eddy Co NM

Invoice To: Accounting

PO Number:

Analytical Information

TCLP Benzene

RCI

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE	TCLP Benzene	RCI	Field Comments
1	SP-1	0	8-31	1500	S	2								X	X	X	
2	SP-2	0	1	1515	S	2								X	X	X	
3	SP-3	0	↓	1530	S	2								X	X	X	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Turnaround Time (Business days)

- ☐ Same Day TAT
- ☒ 5 Day TAT
- ☐ Next Day EMERGENCY
- ☐ 7 Day TAT
- ☐ 2 Day EMERGENCY
- ☐ Contract TAT
- ☐ 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- ☐ Level II Std QC
- ☐ Level IV (Full Data Pkg /raw data)
- ☐ Level III Std QC+ Forms
- ☐ TRRP Level IV
- ☐ Level 3 (CLP Forms)
- ☐ UST / RG -411
- ☐ TRRP Checklist

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished By Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	B-Pe	5-5-16 1425	Mary	2		2
3	Relinquished by:	Date Time:	Received By:	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable	On Ice: X

Temp: -1.0°C IR ID:R-8
C/F:0
Corrected Temp: -1.0°C

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previously n

Page 15 of 16

Final 1.000

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: Talon/LPE Co.

Date/ Time Received: 08/08/2016 02:25:00 PM

Work Order #: 534650

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	-1	
#2 *Shipping container in good condition?	**N/A**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seal present on shipping container/ cooler?	**N/A**	
#5 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#6 Custody Seals intact on sample bottles?	**N/A**	
#7 *Custody Seals Signed and dated?	**N/A**	
#8 *Chain of Custody present?	**Yes**	
#9 Sample instructions complete on Chain of Custody?	**Yes**	
#10 Any missing/extra samples?	**No**	
#11 Chain of Custody signed when relinquished/ received?	**Yes**	
#12 Chain of Custody agrees with sample label(s)?	**Yes**	
#13 Container label(s) legible and intact?	**Yes**	
#14 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#15 Samples in proper container/ bottle?	**Yes**	
#16 Samples properly preserved?	**Yes**	
#17 Sample container(s) intact?	**Yes**	
#18 Sufficient sample amount for indicated test(s)?	**Yes**	
#19 All samples received within hold time?	**Yes**	
#20 Subcontract of sample(s)?	**Yes**	Subcontract Houston
#21 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**	
#22 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**N/A**	
#23 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Mary Alexis Negron Date: 08/08/2016
Mary Negron

Checklist reviewed by: Kelsey Brooks Date: 08/09/2016
Kelsey Brooks

Analytical Report 534436

for

Talon/LPE Co.

Project Manager: Melissa Decker

Enterprise Salt Draw

700348.346.01

09-AUG-16

Collected By: Client

1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

09-AUG-16

Project Manager: **Melissa Decker**
Talon/LPE Co.
2901 S State Highway 349
Midland, TX 79706

Reference: XENCO Report No(s): **534436**
Enterprise Salt Draw
Project Address: Eddy County, NM

Melissa Decker:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 534436. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 534436 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Sample Cross Reference 534436

Talon/LPE Co., Midland, TX

Enterprise Salt Draw

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH-1	S	08-01-16 15:30	- 6 In	534436-001
BH-2	S	08-01-16 15:33	- 6 In	534436-002
BH-3	S	08-01-16 15:35	- 6 In	534436-003
BH-4	S	08-01-16 15:38	- 6 In	534436-004
BH-5	S	08-01-16 15:40	- 6 In	534436-005
BH-6	S	08-01-16 15:43	- 6 In	534436-006
BH-7	S	08-01-16 15:45	- 6 In	534436-007
BH-8	S	08-01-16 15:50	- 6 In	534436-008
WW-1	S	08-01-16 16:00	- 6 In	534436-009
WW-2	S	08-01-16 16:05	- 6 In	534436-010
NW-1	S	08-01-16 16:30	- 1 ft	534436-011
NW-2	S	08-01-16 16:35	- 1 ft	534436-012
EW-1	S	08-01-16 16:40	- 1 ft	534436-013
EW-2	S	08-01-16 16:45	- 1 ft	534436-014
SW-1	S	08-01-16 16:50	- 1 ft	534436-015
SW-2	S	08-01-16 16:55	- 1 ft	534436-016
WS-1	W	08-01-16 16:00	- 0 In	534436-017
WS-2	W	08-01-16 16:05	- 0 In	534436-018
WS-3	W	08-01-16 16:10	- 0 In	534436-019

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Batch: LBA-999332 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analysis Summary 534436

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Wed Aug-03-16 10:10 am
Report Date: 09-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	534436-001		534436-002		534436-003		534436-004		534436-005		534436-006	
	Field Id:	BH-1		BH-2		BH-3		BH-4		BH-5		BH-6	
	Depth:	6 In		6 In		6 In		6 In		6 In		6 In	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Aug-01-16 15:30		Aug-01-16 15:33		Aug-01-16 15:35		Aug-01-16 15:38		Aug-01-16 15:40		Aug-01-16 15:43	
BTEX by EPA 8021B	***Extracted:***	Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30	
	Analyzed:	Aug-04-16 21:00		Aug-04-16 21:16		Aug-04-16 21:32		Aug-04-16 21:48		Aug-04-16 22:04		Aug-04-16 22:20	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		ND	0.00150	ND	0.00150	ND	0.00149	ND	0.00149	ND	0.00149	ND	0.00149
Toluene		0.00399	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00198	ND	0.00198
Ethylbenzene		0.00268	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00198	ND	0.00198
m,p-Xylenes		0.0148	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00198	0.00266	0.00198
o-Xylene		0.00537	0.00300	ND	0.00300	ND	0.00298	ND	0.00298	ND	0.00298	ND	0.00298
Total Xylenes		0.0202	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00198	0.00266	0.00198
Total BTEX		0.0268	0.00150	ND	0.00150	ND	0.00149	ND	0.00149	ND	0.00149	0.00266	0.00149
TPH by SW 8015B	***Extracted:***	Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00	
	Analyzed:	Aug-04-16 21:14		Aug-04-16 22:30		Aug-04-16 22:56		Aug-04-16 23:22		Aug-04-16 23:47		Aug-05-16 00:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C10 Gasoline Range Hydrocarbons		ND	15.0	ND	15.0	ND	15.0	ND	15.0	ND	15.0	ND	15.0
C10-C28 Diesel Range Hydrocarbons		ND	15.0	ND	15.0	ND	15.0	ND	15.0	ND	15.0	45.9	15.0
Total TPH		ND	15.0	ND	15.0	ND	15.0	ND	15.0	ND	15.0	45.9	15.0

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 534436

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Wed Aug-03-16 10:10 am
Report Date: 09-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	534436-007		534436-008		534436-009		534436-010		534436-011		534436-012	
	Field Id:	BH-7		BH-8		WW-1		WW-2		NW-1		NW-2	
	Depth:	6 In		6 In		6 In		6 In		1 ft		1 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Aug-01-16 15:45		Aug-01-16 15:50		Aug-01-16 16:00		Aug-01-16 16:05		Aug-01-16 16:30		Aug-01-16 16:35	
BTEX by EPA 8021B	***Extracted:***	Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30	
	Analyzed:	Aug-04-16 22:36		Aug-05-16 09:03		Aug-04-16 23:08		Aug-04-16 23:24		Aug-05-16 00:12		Aug-05-16 00:28	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		ND	0.00150	ND	0.00150	ND	0.00149	ND	0.00149	ND	0.00149	ND	0.00149
Toluene		ND	0.00200	ND	0.00200	0.00324	0.00198	ND	0.00198	ND	0.00198	ND	0.00198
Ethylbenzene		ND	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00198	ND	0.00198
m,p-Xylenes		ND	0.00200	ND	0.00200	0.00957	0.00198	ND	0.00198	ND	0.00198	ND	0.00198
o-Xylene		ND	0.00300	ND	0.00300	ND	0.00298	ND	0.00298	ND	0.00298	ND	0.00298
Total Xylenes		ND	0.00200	ND	0.00200	0.00957	0.00198	ND	0.00198	ND	0.00198	ND	0.00198
Total BTEX		ND	0.00150	ND	0.00150	0.0128	0.00149	ND	0.00149	ND	0.00149	ND	0.00149
TPH by SW 8015B	***Extracted:***	Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00	
	Analyzed:	Aug-05-16 00:39		Aug-05-16 01:04		Aug-05-16 01:30		Aug-05-16 01:55		Aug-05-16 02:47		Aug-05-16 03:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C10 Gasoline Range Hydrocarbons		16.2	15.0	ND	15.0	18.7	15.0	ND	15.0	ND	14.9	ND	15.0
C10-C28 Diesel Range Hydrocarbons		ND	15.0	ND	15.0	1210	15.0	53.1	15.0	19.2	14.9	23.2	15.0
Total TPH		16.2	15.0	ND	15.0	1230	15.0	53.1	15.0	19.2	14.9	23.2	15.0

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 534436

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Wed Aug-03-16 10:10 am
Report Date: 09-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	534436-013		534436-014		534436-015		534436-016		534436-017		534436-018	
	Field Id:	EW-1		EW-2		SW-1		SW-2		WS-1		WS-2	
	Depth:	1 ft		1 ft		1 ft		1 ft		-0 In		-0 In	
	Matrix:	SOIL		SOIL		SOIL		SOIL		WATER		WATER	
	Sampled:	Aug-01-16 16:40		Aug-01-16 16:45		Aug-01-16 16:50		Aug-01-16 16:55		Aug-01-16 16:00		Aug-01-16 16:05	
BTEX by EPA 8021B	***Extracted:***	Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:30		Aug-04-16 18:00		Aug-04-16 18:00	
	Analyzed:	Aug-05-16 00:44		Aug-05-16 01:01		Aug-05-16 01:17		Aug-05-16 07:57		Aug-05-16 08:14		Aug-05-16 08:30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/L	RL	mg/L	RL
Benzene		ND	0.00150	ND	0.00150	ND	0.00149	ND	0.00149	ND	0.00200	ND	0.00200
Toluene		ND	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00200	ND	0.00200
Ethylbenzene		ND	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00200	ND	0.00200
m,p-Xylenes		ND	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00200	ND	0.00200
o-Xylene		ND	0.00300	ND	0.00300	ND	0.00298	ND	0.00298	ND	0.00200	ND	0.00200
Total Xylenes		ND	0.00200	ND	0.00200	ND	0.00198	ND	0.00198	ND	0.00200	ND	0.00200
Total BTEX		ND	0.00150	ND	0.00150	ND	0.00149	ND	0.00149	ND	0.00200	ND	0.00200
TPH by SW 8015B	***Extracted:***	Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-04-16 14:00		Aug-05-16 16:00		Aug-05-16 16:00	
	Analyzed:	Aug-05-16 03:40		Aug-05-16 07:57		Aug-05-16 04:32		Aug-05-16 04:59		Aug-05-16 22:37		Aug-05-16 23:54	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/L	RL	mg/L	RL
C6-C10 Gasoline Range Hydrocarbons		ND	15.0	ND	15.0	ND	15.0	ND	15.0	ND	1.50	ND	1.50
C10-C28 Diesel Range Hydrocarbons		882	15.0	15.0	15.0	ND	15.0	ND	15.0	3.54	1.50	ND	1.50
Total TPH		882	15.0	15.0	15.0	ND	15.0	ND	15.0	3.54	1.50	ND	1.50

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 534436

Talon/LPE Co., Midland, TX

Project Name: Enterprise Salt Draw

Project Id: 700348.346.01
Contact: Melissa Decker
Project Location: Eddy County, NM

Date Received in Lab: Wed Aug-03-16 10:10 am
Report Date: 09-AUG-16
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	534436-019					
	Field Id:	WS-3					
	Depth:	-0 In					
	Matrix:	WATER					
	Sampled:	Aug-01-16 16:10					
BTEX by EPA 8021B	***Extracted:***	Aug-04-16 18:00					
	Analyzed:	Aug-05-16 08:46					
	Units/RL:	mg/L	RL				
Benzene		ND	0.00200				
Toluene		ND	0.00200				
Ethylbenzene		ND	0.00200				
m,p-Xylenes		ND	0.00200				
o-Xylene		ND	0.00200				
Total Xylenes		ND	0.00200				
Total BTEX		ND	0.00200				
TPH by SW 8015B	***Extracted:***	Aug-05-16 16:00					
	Analyzed:	Aug-06-16 00:20					
	Units/RL:	mg/L	RL				
C6-C10 Gasoline Range Hydrocarbons		ND	1.50				
C10-C28 Diesel Range Hydrocarbons		1.72	1.50				
Total TPH		1.72	1.50				

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

	Phone	Fax
4147 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
1211 W Florida Ave, Midland, TX 79701	(432) 563-1800	(432) 563-1713
2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282	(602) 437-0330	

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999332 **Sample:** 534436-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 21:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0261	0.0300	87	80-120	
4-Bromofluorobenzene	0.0271	0.0300	90	80-120	

Lab Batch #: 999273 **Sample:** 534436-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 21:14

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.3	99.9	87	70-135	
o-Terphenyl	43.2	50.0	86	70-135	

Lab Batch #: 999332 **Sample:** 534436-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 21:16

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 999332 **Sample:** 534436-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 21:32

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0297	0.0300	99	80-120	
4-Bromofluorobenzene	0.0276	0.0300	92	80-120	

Lab Batch #: 999332 **Sample:** 534436-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 21:48

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0279	0.0300	93	80-120	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999332 **Sample:** 534436-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 22:04

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0315	0.0300	105	80-120	
4-Bromofluorobenzene	0.0310	0.0300	103	80-120	

Lab Batch #: 999332 **Sample:** 534436-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 22:20

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0276	0.0300	92	80-120	
4-Bromofluorobenzene	0.0282	0.0300	94	80-120	

Lab Batch #: 999273 **Sample:** 534436-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 22:30

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.1	99.7	82	70-135	
o-Terphenyl	40.0	49.9	80	70-135	

Lab Batch #: 999332 **Sample:** 534436-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 22:36

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0286	0.0300	95	80-120	
4-Bromofluorobenzene	0.0307	0.0300	102	80-120	

Lab Batch #: 999273 **Sample:** 534436-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 22:56

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.8	99.7	84	70-135	
o-Terphenyl	41.5	49.9	83	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999332 **Sample:** 534436-009 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 23:08

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	
4-Bromofluorobenzene	0.0286	0.0300	95	80-120	

Lab Batch #: 999273 **Sample:** 534436-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 23:22

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.2	99.7	82	70-135	
o-Terphenyl	40.5	49.9	81	70-135	

Lab Batch #: 999332 **Sample:** 534436-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 23:24

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0311	0.0300	104	80-120	

Lab Batch #: 999273 **Sample:** 534436-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 23:47

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.1	100	90	70-135	
o-Terphenyl	43.8	50.0	88	70-135	

Lab Batch #: 999332 **Sample:** 534436-011 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 00:12

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0297	0.0300	99	80-120	
4-Bromofluorobenzene	0.0284	0.0300	95	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999273 **Sample:** 534436-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 00:13

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.2	99.9	84	70-135	
o-Terphenyl	41.1	50.0	82	70-135	

Lab Batch #: 999332 **Sample:** 534436-012 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 00:28

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0298	0.0300	99	80-120	
4-Bromofluorobenzene	0.0274	0.0300	91	80-120	

Lab Batch #: 999273 **Sample:** 534436-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 00:39

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	80.6	99.8	81	70-135	
o-Terphenyl	39.5	49.9	79	70-135	

Lab Batch #: 999332 **Sample:** 534436-013 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 00:44

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0297	0.0300	99	80-120	
4-Bromofluorobenzene	0.0270	0.0300	90	80-120	

Lab Batch #: 999332 **Sample:** 534436-014 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 01:01

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0297	0.0300	99	80-120	
4-Bromofluorobenzene	0.0314	0.0300	105	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999273 **Sample:** 534436-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 01:04

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	80.5	99.8	81	70-135	
o-Terphenyl	39.6	49.9	79	70-135	

Lab Batch #: 999332 **Sample:** 534436-015 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 01:17

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0294	0.0300	98	80-120	
4-Bromofluorobenzene	0.0301	0.0300	100	80-120	

Lab Batch #: 999273 **Sample:** 534436-009 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 01:30

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.0	99.7	82	70-135	
o-Terphenyl	40.7	49.9	82	70-135	

Lab Batch #: 999273 **Sample:** 534436-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 01:55

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	72.7	99.9	73	70-135	
o-Terphenyl	35.1	50.0	70	70-135	

Lab Batch #: 999273 **Sample:** 534436-011 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 02:47

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	76.0	99.6	76	70-135	
o-Terphenyl	36.8	49.8	74	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999273 **Sample:** 534436-012 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 03:13

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	79.1	99.8	79	70-135	
o-Terphenyl	39.0	49.9	78	70-135	

Lab Batch #: 999273 **Sample:** 534436-013 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 03:40

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	79.7	99.8	80	70-135	
o-Terphenyl	39.2	49.9	79	70-135	

Lab Batch #: 999273 **Sample:** 534436-015 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 04:32

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	81.9	99.8	82	70-135	
o-Terphenyl	39.7	49.9	80	70-135	

Lab Batch #: 999273 **Sample:** 534436-016 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 04:59

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	75.2	99.9	75	70-135	
o-Terphenyl	36.4	50.0	73	70-135	

Lab Batch #: 999273 **Sample:** 534436-014 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 07:57

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.6	99.9	96	70-135	
o-Terphenyl	46.0	50.0	92	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999332 **Sample:** 534436-016 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 07:57

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0282	0.0300	94	80-120	

Lab Batch #: 999333 **Sample:** 534436-017 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 08:14

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0286	0.0300	95	80-120	
4-Bromofluorobenzene	0.0284	0.0300	95	80-120	

Lab Batch #: 999333 **Sample:** 534436-018 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 08:30

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0313	0.0300	104	80-120	

Lab Batch #: 999333 **Sample:** 534436-019 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 08:46

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0295	0.0300	98	80-120	
4-Bromofluorobenzene	0.0314	0.0300	105	80-120	

Lab Batch #: 999332 **Sample:** 534436-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 09:03

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0302	0.0300	101	80-120	
4-Bromofluorobenzene	0.0293	0.0300	98	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999371 **Sample:** 534436-017 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 22:37

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	10.5	9.98	105	70-135	
o-Terphenyl	5.17	4.99	104	70-135	

Lab Batch #: 999371 **Sample:** 534436-018 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 23:54

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	10.8	9.98	108	70-135	
o-Terphenyl	5.36	4.99	107	70-135	

Lab Batch #: 999371 **Sample:** 534436-019 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/06/16 00:20

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	11.9	9.98	119	70-135	
o-Terphenyl	5.84	4.99	117	70-135	

Lab Batch #: 999273 **Sample:** 711728-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/04/16 19:56

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.9	100	87	70-135	
o-Terphenyl	42.5	50.0	85	70-135	

Lab Batch #: 999332 **Sample:** 711759-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/04/16 20:44

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0275	0.0300	92	80-120	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999333 **Sample:** 711760-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 02:54

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0266	0.0300	89	80-120	

Lab Batch #: 999371 **Sample:** 711799-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 21:19

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	9.68	10.0	97	70-135	
o-Terphenyl	4.75	5.00	95	70-135	

Lab Batch #: 999332 **Sample:** 711759-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/04/16 19:23

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0302	0.0300	101	80-120	
4-Bromofluorobenzene	0.0292	0.0300	97	80-120	

Lab Batch #: 999273 **Sample:** 711728-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/04/16 20:22

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	47.1	50.0	94	70-135	

Lab Batch #: 999333 **Sample:** 711760-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 01:33

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0301	0.0300	100	80-120	
4-Bromofluorobenzene	0.0294	0.0300	98	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999371 **Sample:** 711799-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 21:45

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	11.4	10.0	114	70-135	
o-Terphenyl	5.05	5.00	101	70-135	

Lab Batch #: 999332 **Sample:** 711759-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/04/16 19:39

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0284	0.0300	95	80-120	

Lab Batch #: 999273 **Sample:** 711728-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 08/04/16 20:48

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	46.8	50.0	94	70-135	

Lab Batch #: 999333 **Sample:** 711760-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 01:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0302	0.0300	101	80-120	
4-Bromofluorobenzene	0.0291	0.0300	97	80-120	

Lab Batch #: 999371 **Sample:** 711799-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 22:11

SURROGATE RECOVERY STUDY

TPH by SW 8015B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	11.4	10.0	114	70-135	
o-Terphenyl	4.95	5.00	99	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999273 **Sample:** 534436-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 21:39

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.2	99.8	96	70-135	
o-Terphenyl	42.1	49.9	84	70-135	

Lab Batch #: 999333 **Sample:** 534443-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 02:05

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0255	0.0300	85	80-120	
4-Bromofluorobenzene	0.0253	0.0300	84	80-120	

Lab Batch #: 999332 **Sample:** 534436-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 09:51

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0304	0.0300	101	80-120	
4-Bromofluorobenzene	0.0308	0.0300	103	80-120	

Lab Batch #: 999371 **Sample:** 534436-017 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/08/16 09:52

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	11.7	9.98	117	70-135	
o-Terphenyl	5.16	4.99	103	70-135	

Lab Batch #: 999273 **Sample:** 534436-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/04/16 22:05

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.3	99.9	99	70-135	
o-Terphenyl	43.4	50.0	87	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Enterprise Salt Draw

Work Orders : 534436,

Project ID: 700348.346.01

Lab Batch #: 999333 **Sample:** 534443-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 02:21

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0284	0.0300	95	80-120	
4-Bromofluorobenzene	0.0282	0.0300	94	80-120	

Lab Batch #: 999332 **Sample:** 534436-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 08/05/16 10:07

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0294	0.0300	98	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 999371 **Sample:** 534436-017 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 08/05/16 23:28

SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	12.0	9.99	120	70-135	
o-Terphenyl	5.39	5.00	108	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Enterprise Salt Draw

Work Order #: 534436 **Project ID:** 700348.346.01

Analyst: PJB **Date Prepared:** 08/04/2016 **Date Analyzed:** 08/05/2016

Lab Batch ID: 999333 **Sample:** 711760-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00200	0.100	0.115	115	0.100	0.108	108	6	70-125	25	
Toluene	<0.00200	0.100	0.117	117	0.100	0.111	111	5	70-125	25	
Ethylbenzene	<0.00200	0.100	0.118	118	0.100	0.112	112	5	71-129	25	
m,p-Xylenes	<0.00200	0.200	0.237	119	0.200	0.226	113	5	70-131	25	
o-Xylene	<0.00200	0.100	0.118	118	0.100	0.115	115	3	71-133	25	

Analyst: PJB **Date Prepared:** 08/04/2016 **Date Analyzed:** 08/04/2016

Lab Batch ID: 999332 **Sample:** 711759-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00150	0.100	0.110	110	0.100	0.113	113	3	70-130	35	
Toluene	<0.00200	0.100	0.113	113	0.100	0.115	115	2	70-130	35	
Ethylbenzene	<0.00200	0.100	0.114	114	0.100	0.117	117	3	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.227	114	0.200	0.232	116	2	70-135	35	
o-Xylene	<0.00300	0.100	0.113	113	0.100	0.116	116	3	71-133	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Enterprise Salt Draw

Work Order #: 534436 **Project ID:** 700348.346.01

Analyst: ARM **Date Prepared:** 08/04/2016 **Date Analyzed:** 08/04/2016

Lab Batch ID: 999273 **Sample:** 711728-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	1000	849	85	1000	851	85	0	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	1000	829	83	1000	830	83	0	70-135	35	

Analyst: ARM **Date Prepared:** 08/05/2016 **Date Analyzed:** 08/05/2016

Lab Batch ID: 999371 **Sample:** 711799-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<1.50	100	87.0	87	100	87.4	87	0	70-135	25	
C10-C28 Diesel Range Hydrocarbons	<1.50	100	92.3	92	100	90.7	91	2	70-135	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Enterprise Salt Draw

Work Order # : 534436 **Project ID:** 700348.346.01

Lab Batch ID: 999332 **QC- Sample ID:** 534436-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 08/05/2016 **Date Prepared:** 08/04/2016 **Analyst:** PJB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00149	0.0992	0.0829	84	0.100	0.0804	80	3	70-130	35	
Toluene	0.00399	0.0992	0.0950	92	0.100	0.0870	83	9	70-130	35	
Ethylbenzene	0.00268	0.0992	0.0890	87	0.100	0.0858	83	4	71-129	35	
m,p-Xylenes	0.0148	0.198	0.193	90	0.200	0.196	91	2	70-135	35	
o-Xylene	0.00537	0.0992	0.0929	88	0.100	0.0922	87	1	71-133	35	

Lab Batch ID: 999333 **QC- Sample ID:** 534443-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 08/05/2016 **Date Prepared:** 08/04/2016 **Analyst:** PJB

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00200	0.100	0.0982	98	0.100	0.110	110	11	70-125	25	
Toluene	0.00554	0.100	0.105	99	0.100	0.118	112	12	70-125	25	
Ethylbenzene	0.00693	0.100	0.107	100	0.100	0.120	113	11	71-129	25	
m,p-Xylenes	0.0214	0.200	0.219	99	0.200	0.248	113	12	70-131	25	
o-Xylene	0.0105	0.100	0.109	99	0.100	0.124	114	13	71-133	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Form 3 - MS / MSD Recoveries

Project Name: Enterprise Salt Draw

Work Order # : 534436 **Project ID:** 700348.346.01

Lab Batch ID: 999273 **QC- Sample ID:** 534436-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 08/04/2016 **Date Prepared:** 08/04/2016 **Analyst:** ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	998	792	79	999	833	83	5	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	998	764	77	999	808	81	6	70-135	35	

Lab Batch ID: 999371 **QC- Sample ID:** 534436-017 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 08/08/2016 **Date Prepared:** 08/05/2016 **Analyst:** ARM

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<1.50	99.8	89.6	90	99.9	90.6	91	1	70-135	25	
C10-C28 Diesel Range Hydrocarbons	3.54	99.8	93.6	90	99.9	93.5	90	0	70-135	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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Xenco Quote #
Xenco Job # 534436

Client / Reporting Information

Company Name / Branch: Talon LPE
Company Address: Midland, TX
Email: bpayton@talonlpe.com
Phone No:
Project Contact: Melissa Decker
Samplers's Name: Brian Payton

Project Information 700348.346.01

Project Name/Number: Enterprise Salt Draw
Project Location: Eddy County, NM
Invoice To: Accounting
PO Number:

Analytical Information

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	None	TPH GRO-DRO	BTEX	Field Comments
1	BH-1	6"	8-1-16	1530	S	1								X	X	X	
2	BH-2			1533													
3	BH-3			1535													
4	BH-4			1538													
5	BH-5			1540													
6	BH-6			1543													
7	BH-7			1545													
8	BH-8			1550													
9	WW-1			1600													
10	WW-2			1605													

Turnaround Time (Business days)

- ☐ Same Day TAT
- ☒ 5 Day TAT
- ☐ Next Day EMERGENCY
- ☐ 7 Day TAT
- ☐ 2 Day EMERGENCY
- ☐ Contract TAT
- ☐ 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- ☐ Level II Std QC
- ☐ Level IV (Full Data Pkg /raw data)
- ☐ Level III Std QC+ Forms
- ☐ TRRP Level IV
- ☐ Level 3 (CLP Forms)
- ☐ UST / RG -411
- ☐ TRRP Checklist

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	BP	8-3-16 1010	1	2	8/3 1010	2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☒

Temp: 0.8 IR ID:R-8
C/F:0
Corrected Temp: 0.8°C

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previ

Final 1.000

Page 27 of 29

CHAIN OF CUSTODY

Page 2 Of 2

XENCO LABORATORIES

Setting the Standard since 1990

Stafford,Texas (281-240-4200)

Dallas, Texas (214-902-0300)

Service Center - San Antonio, Texas (210-509-3334)

www.xenco.com

Odessa, Texas (432-563-1800)

Norcross, Georgia (770-449-8800)

Lakeland, Florida (863-646-8526)

Tampa, Florida (813-620-2000)

Xenco Quote #

Xenco Job # 534436

Client / Reporting Information

Company Name / Branch: Talon LPE

Company Address: Midland, TX

Email: beyton@talonlpe.com

Phone No:

Project Contact: Melissa Becker

Sampler's Name: Brian Payton

Project Information 700348.346.01

Project Name/Number: Enterprise Salt Draw

Project Location: Eddy County, New Mex

Invoice To: Accounting

PO Number:

Analytical Information

TPH GRO-DRO X

BTEX X

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	ICE	Field Comments
1	NW-1	1'	5-1-16	1630	S	1									
2	NW-2	1'	5-1-16	1635	S										
3	EW-1	1'	5-1-16	1640	S										
4	EW-2	1'	5-1-16	1645	S										
5	SW-1	1'	5-1-16	1650	S										
6	SW-2	1'	5-1-16	1655	S										
7	WS-1	0	5-2-16	1600	W	5	X								
8	WS-2	0	5-2-16	1605	W	5	X								
9	WS-3	0	5-2-16	1610	W	5	X								
10	BP	0	5-2-16												

Turnaround Time (Business days)

- [ ] Same Day TAT
- [X] 5 Day TAT
- [ ] Next Day EMERGENCY
- [ ] 7 Day TAT
- [ ] 2 Day EMERGENCY
- [ ] Contract TAT
- [ ] 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- [ ] Level II Std QC
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] Level III Std QC+ Forms
- [ ] TRRP Level IV
- [ ] Level 3 (CLP Forms)
- [ ] UST / RG -411
- [ ] TRRP Checklist

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		5-3-16 1010	1	2	5/3 1010	2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable	On Ice: X

Temp: 0.8 IR ID:R-8
C/F:0
Corrected Temp: 0.8°C

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previ

Final 1.000

Page 28 of 29

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: Talon/LPE Co.

Date/ Time Received: 08/03/2016 10:10:00 AM

Work Order #: 534436

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	.8
#2 *Shipping container in good condition?	**N/A**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seal present on shipping container/ cooler?	**N/A**
#5 *Custody Seals intact on shipping container/ cooler?	**N/A**
#6 Custody Seals intact on sample bottles?	**N/A**
#7 *Custody Seals Signed and dated?	**N/A**
#8 *Chain of Custody present?	**Yes**
#9 Sample instructions complete on Chain of Custody?	**Yes**
#10 Any missing/extra samples?	**No**
#11 Chain of Custody signed when relinquished/ received?	**Yes**
#12 Chain of Custody agrees with sample label(s)?	**Yes**
#13 Container label(s) legible and intact?	**Yes**
#14 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#15 Samples in proper container/ bottle?	**Yes**
#16 Samples properly preserved?	**Yes**
#17 Sample container(s) intact?	**Yes**
#18 Sufficient sample amount for indicated test(s)?	**Yes**
#19 All samples received within hold time?	**Yes**
#20 Subcontract of sample(s)?	**No**
#21 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#22 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**N/A**
#23 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by: Mary Alexis Negron
Mary Negron
Date: 08/04/2016

Checklist reviewed by: Kelsey Brooks
Kelsey Brooks
Date: 08/04/2016

APPENDIX D

PHOTOGRAPHIC DOCUMENTATION

Salt Draw Pipeline Release ROW1003
SMA Ref 5B25299 BG4
09/19/16

Photo 1

Looking East down Salt Draw from
ROW1003 7/28/16 photo by R.T.

Photo 2

Looking West up Salt Draw from
ROW1003 7/28/16 photo by R.T.

Salt Draw Pipeline Release ROW1003
SMA Ref 5B25299 BG4
09/19/16

Photo 3

Looking Southwest up ROW1003 from Salt Draw 7/28/16 photo by SMA

Photo 4

Looking South up ROW1003 from Salt Draw 7/28/16 photo by SMA

Salt Draw Pipeline Release ROW1003
SMA Ref 5B25299 BG4
09/19/16

Photo 5

Looking South down ROW
1003 7/28/16 photo by R.T.

Photo 6

Looking in Salt Draw at ROW
1003 7/28/16 photo by R.T.

Salt Draw Pipeline Release ROW1003
SMA Ref 5B25299 BG4
09/19/16

Photo 7

Looking at excavation of affected soil Salt Draw at ROW 1003 7/28/16 photo by SMA

.

Photo 8

Looking at Spill pile area after removal of affected soil Salt Draw at ROW 1003 9/19/16 photo by SMA

Addendum to Photographic Documentation Appendix E

All excavation and remedial activities are complete. However, due to the onset of inclement weather conditions and significant rainfall accumulations, removal of the abandoned pipeline and final backfill of the excavated area has been delayed. Photos 10 through 15 are included to verify current conditions. When conditions allow, after removal of the abandoned section of pipeline, the excavation will be backfilled with appropriate clean material imported from Lea Land, LLC and reshaped to an approximation of pre-disturbance contours.

Salt Draw Pipeline Release ROW1003
SMA Ref 5B25299 BG4
09/19/16

Photo 9

Looking South down ROW
1003 9/19/16 photo by SMA

Photo 10

Looking up Salt Draw from ROW
1003 9/19/16 photo by SMA

Salt Draw Pipeline Release ROW1003
SMA Ref 5B25299 BG4
09/19/16

Photo 11

Looking South down ROW 1003 at excavation in Salt Draw 9/19/16 photo by SMA

Photo 12

Looking South down ROW 1003 at excavation in Salt Draw 9/19/16 photo by SMA

Salt Draw Pipeline Release ROW1003
SMA Ref 5B25299 BG4
09/19/16

Photo 13

South of Salt Draw down ROW
1003 9/19/16 photo by SMA

Photo 14

Looking North at Salt Draw from ROW
1003 9/19/16 photo by SMA

Photo 15

Looking West up Salt Draw From
ROW 1003 9/19/16 photo by SMA

APPENDIX E

WASTE MANIFESTS

Enterprise Products Weights Statement - Total Received

Receive Date	*Manifest Number*	*Lease Name*	*Weight (lbs.)*	*Weight (Tons)*
9/6/2016	115489	1003 Line	95,040	47.52
9/6/2016	115490	1003 Line	88,160	44.08
9/6/2016	115491	1003 Line	92,000	46.00
9/6/2016	115498	1003 Line	44,920	22.46
9/7/2016	115520	1003 Line	82,220	41.11
9/7/2016	115521	1003 Line	86,400	43.20
		TOTALS:	488,740 *lbs.*	244.37 *Tons*

Lea Land Landfill New Mexico
Mile Market # 64 US Highway 62/180
*30 miles East of Carlsbad, NM * (505) 887-4048*

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Marcel's #07

NON-HAZARDOUS WASTE MANIFEST NO 115489 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Enterprise Field Services LLC	P.O BOX 1508	9/6/2016
PHONE NO. (575) 885-7236	CITY Carlsbad STATE NM ZIP 88221	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c.					
d. ~~WT:~~ 47,480 47,560					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
1003 LINE T@ 95,040	708582

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
ATTN: JEREMIAH HANWAY		

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: B & R TRUCKING	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: TREY HUGHES	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 361-3217	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Benito Lopez	PRINTED/TYPED NAME
SIGNATURE Benito Lopez DATE 9/6/2016	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	9/6/2016	10:15

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Bico & Sons

NON-HAZARDOUS WASTE MANIFEST NO 115490 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 03

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Enterprise Field Services LLC *	P.O BOX 1508	9/8/2016
PHONE NO. (575) 885-7236	CITY Carlsbad STATE NM ZIP 88221	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT: 45,440 42,720					
d.					

12. COMMENTS OR SPECIAL INSTRUCTIONS: 1003 LINE T@ 88,160

13. WASTE PROFILE NO. 708582

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter | PHONE NO 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME ATTN: JEREMIAH HANWAY | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: B & R TRUCKING	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: TREY HUGHES	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 361-3217	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Manuel Rico	PRINTED/TYPED NAME
SIGNATURE Manuel Rico DATE 9/8/2016	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		9/8/2016	12:45

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Sotelo

NON-HAZARDOUS WASTE MANIFEST NO 115491 | 1. PAGE __ OF __ | 2. TRAILER NO. #28

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Enterprise Field Services LLC	P.O BOX 1508	9/6/2016
PHONE NO. (575) 885-7236	CITY Carlsbad STATE NM ZIP 88221	6. TNRCC I.D. NO.

	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a.	~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.						
c.	WT:					
d.	50180 41,820					

12. COMMENTS OR SPECIAL INSTRUCTIONS: 1003 LINE T@ 92,000

13. WASTE PROFILE NO. 708582

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter | PHONE NO 575-887-4048 | 24-HOUR EMERGENCY NO.

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME ATTN: JEREMIAH HANWAY | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: B & R TRUCKING	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: TREY HUGHES	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 361-3217	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Jose Sotelo Sr	PRINTED/TYPED NAME
SIGNATURE X Jose Sotelo DATE 9/6/2016	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	9/6/2016	11:00

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

JA

NON-HAZARDOUS WASTE MANIFEST NO 115498 | 1. PAGE __ OF __ | 2. TRAILER NO. #1

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Enterprise Field Services LLC	P.O BOX 1508	9/8/2016
PHONE NO. (575) 885-7236	CITY Carlsbad STATE NM ZIP 88221	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
~~Non-Regulated, Non Hazardous Waste~~ a.	1	CM			
b.					
c. WT					
d. 44920					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
1003 LINE	708582

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
ATTN: JEREMIAH HANWAY		

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: B & R TRUCKING	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: TREY HUGHES	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 361-3217	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Enrique Aguilar	PRINTED/TYPED NAME
SIGNATURE X DATE 9/8/2016	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		9/8/2016	1:30

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Marcelis

NON-HAZARDOUS WASTE MANIFEST NO 115520 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 07

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Enterprise Field Services LLC	P.O BOX 1508	9/7/2016
PHONE NO. (575) 885-7236	CITY Carlsbad STATE NM ZIP 88221	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT					
d. 36,260 45,940					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
1003 LINE TO 82,200	708582

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
ATTN: JEREMIAH HANWAY		

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: B & R TRUCKING	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: TREY HUGHES	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 361-3217	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Frank Lopez	PRINTED/TYPED NAME
SIGNATURE Frank L DATE 9/7/2016	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		9/7/2016	10:25

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 Rico + Sons

NON-HAZARDOUS WASTE MANIFEST NO 115521 | 1. PAGE __ OF __ | 2. TRAILER NO. #103

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Enterprise Field Services LLC	P.O BOX 1508	9/7/2016
PHONE NO. (575) 885-7236	CITY Carlsbad STATE NM ZIP 88221	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT:					
d. 35,140 51,260					

12. COMMENTS OR SPECIAL INSTRUCTIONS: 1003 LINE T@ 86,400

13. WASTE PROFILE NO. 709582

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter | PHONE NO 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME ATTN: JEREMIAH HANWAY | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: B & R TRUCKING	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: TREY HUGHES	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 361-3217	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Manuel Rico	PRINTED/TYPED NAME
SIGNATURE Manuel Rico DATE 9/7/2016	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS 9/7/2016	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		9-7-2016	11:30

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

Souder, Miller & Associates ◆ 201 S. Halaguena ◆ Carlsbad, NM 88221
(575) 689-7040

September 19, 2016 SMA #5B25299

Enterprise Field Services, LLC
P. O. Box 4324
Houston, TX 77210
Attn.: Ms. Alena Miro

RE: LETTER REPORT SUMMARIZING THE PIPELINE LEAK AT THE SALT DRAW PIPELINE ROW 1003, EDDY COUNTY, NEW MEXICO; ECIRTS# 30310, NMOCD 2RP-3867

Dear Ms. Miro:

Souder, Miller & Associates (SMA) is pleased to submit this letter report to Enterprise Field Services, LLC (Enterprise) summarizing the assessment, soil sampling, removal of impacted soil, and closure at the Salt Draw pipeline release site. SMA's services were performed in accordance with Enterprise's General Release Notification, Response and Remediation Plan dated March 9, 2015. The site is located in the SE ¼ NW ¼ Section 13, T25S, R28E, Eddy County, New Mexico on privately owned land. Figure 1 illustrates the vicinity of the site. The release occurred on June 25, 2016 and was a result of a pipeline release. However, pipeline liquids impacts were not discovered until pipeline repair activities commenced on July 28, 2016

1.0 SITE RANKING AND RELEASE HISTORY

The release site is located approximately 6.29 miles south of the Town of Malaga, New Mexico at an elevation of approximately 2,890 feet above sea level. The release point occurred within Salt Draw, a tributary of the Pecos River, with the confluence approximately 4,254 feet from the site. After evaluation of the site using aerial photography and topographic maps, and searching the New Mexico Office of the State Engineer's water well database, depth to groundwater is estimated to be less than 50 feet below ground surface (bgs). Figure 1 depicts the site vicinity and Figure 2 depicts the site location.

SMA searched the New Mexico State Engineer's Office (NMOSE) online database for water wells in the vicinity of the release. No water wells were located within a 1-mile radius of the site. The physical location of this release is within the jurisdiction of the New Mexico Oil Conservation Division (NMOCD).

Based on the NMOCD site ranking criteria detailed in Table 1, and the specific site characteristics of a depth to groundwater of less than 50 feet, wellhead protection, and distance to surface water, this release location within Salt Draw has been assigned an NMOCD ranking of 20 which requires a soil remediation standard of 10 parts per million (ppm) benzene, 50 ppm combined benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and 100 ppm total petroleum hydrocarbons (TPH). Table 1 illustrates the site ranking rationale.