Page	1	of	<b>28</b>

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	Nev	v Mexic	00
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.

			Rele		_	n and Co	orrective A	ction				
						<b>OPERA</b>			🗌 Initia	al Report	$\boxtimes$	Final Rep
Name of Co	ompany E	Enterprise Fi	eld Servio	ces LLC		Contact:	Alena Miro					
	P	O Box 4324	, Houstor	n, TX 77252			No. 575-628-68					
Facility Nai	ne P	ipeline ROV	V, Trunk	A Line		Facility Typ	e: Gas Gatheri	ing Pipe	line			
Surface Ow	ner N	Iultiple Owr	ners	Mineral C	Owner	NA			Lease N	lo. NA		
				LOC		N OF RE	FASE		1			
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/W	est Line	County		
Juit Detter		-								Eddy		
	20	23S	31E									
			La	titude: <u>32.283</u>	<u>627 N</u>	Longitu	de: <u>-103.79548</u>	<u>82 W</u>				
				NAT	TURE	OF REL	EASE					
		al Gas, minim	al pipeline	liquids			Release 128 MG			Recovered (		
Source of Re	lease Pipe	eline Leak					Iour of Occurrence			Hour of Dis	~	T
Was Immedi	ate Notice (	Given?				If YES, To	01-2013 17:00 M		(End) 09-	12-2013 09	:30 MD	1
			Yes 🗌	No 🛛 Not R	equired							
By Whom?						Date and I	lour					
Vas a Water	course Read		_	_		If YES, V	olume Impacting t	the Wate	rcourse.			
		<u> </u>	Yes 🛛	No								
Suspected in blown-down,	ternal corro repairs are	sion. The affe scheduled. A	ected sections small among	ount of liquids (<	line was 5BBL	s isolated. Pro ) were release	ducers were notif 1; BLM was notif described in t	fied. A fi	nal report	will be subr	Line wa nitted o	as n
egulations a public health should their o or the environ	ll operators or the environment operations homent. In a	are required t ronment. The ave failed to ddition, NMC	o report and acceptance adequately OCD accept	nd/or file certain i ce of a C-141 repo investigate and r	release i ort by th emedia	notifications a ne NMOCD m te contaminat	knowledge and u nd perform correc arked as "Final R on that pose a thr ve the operator of	ctive acti eport" de reat to gro	ons for rele oes not reli ound water	eases which ieve the oper , surface wa	may en rator of ater, hur	danger liability nan health
Signature:	OF IOURI IF	ws and/project					OIL CON	<u>SERV</u>	ATION	DIVISIO	DN	
Printed Name	e: Jon E. F	ields				Approved by	District Supervis	sor:	Ash	ley M	afu	rell
		Field Environ	mental			Approval Da	<sub>te:</sub> 4/13/2023	5   E	Expiration	U		
E-mail Addro		ds@eprod.cor				Conditions o	f Approval:			Attached		
Date: 5 ~	9-19	Phone: 71	3-381-659	5								

\* Attach Additional Sheets If Necessary



### Closure Report Enterprise Field Services, LLC: Trunk A Line |2RP-1925|

April 5, 2017

**Prepared For:** Ms. Alena Miro Enterprise Field Services, LLC PO Box 4342 Houston, TX 77252

## **Prepared By:**

Talon/LPE 408 W. Texas Ave. Artesia, NM 88210

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Received by OCD: 4/12/2023 8:22:31 AM

Released to Imaging: 4/13/2023 7:37:48 AM

## **1.0 Introduction**

### 1.1 Objectives and Site Background

Enterprise Field Services, LLC (Enterprise) has contracted Talon/LPE (Talon) to perform initial spill response, soil sampling and remediation services at the above referenced location. The regulatory framework, site description, incident description, soil sampling results, remediation activities, conclusions and recommendations are submitted herein.

The Trunk A Line is located approximately thirty-one (31) miles southeast of Carlsbad, New Mexico. The legal location for this release is Unit Letter P, Section 20, Township 23 South and Range 31 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.283627 North and -103.795482 West. A site plan is presented in Appendix I.

## 2.0 Regulatory Framework

### 2.1 NMOCD Site Ranking Criteria

NMOCD guidance document titled: *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993. Consistent with these guidelines, general site characteristics, including the depth to groundwater, and the distance to water wells or surface water sources, will be utilized to determine the appropriate "ranking" of individual release sites, and the associated remedial action requirements. The site ranking criteria and associated scoring values, based on the 1993 guidance, are summarized in the following Table.

Ranking Criteria		<b>Ranking Score</b>
	<50'	20
Depth to Groundwater	50-99'	10
-	>100'	0
Wellhead Protection Area <1,000' from a water source, or 200' from private domestic water source.	Yes No	20 0
	<200'	20
Distance to Surface	200' to 1,000'	10
Water Body	>1,000'	0

### 2.2 Remedial Action Levels for Soil

From the NMOCD guidance document *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993. The total ranking score determines the degree of remediation that may be required on a site specific basis. The total ranking score is the sum of all four individual ranking criteria. The Recommended Remedial Action Level's (RRAL's) based on total site ranking are summarized in the table below.

Constituent	Site Ranking >19	Site Ranking 10	Site Ranking 0
Benzene	10 mg/kg	10 mg/kg	10 mg/kg
<b>Total BTEX</b>	50 mg/kg	50 mg/kg	50 mg/kg
TPH	100 mg/kg	1,000 mg/kg	5,000 mg/kg

Though not mentioned in the NMOCD guidance document *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993. The recommended remedial action level for Total Chloride concentration in NMOCD District 2 is 1,000 mg/kg regardless of depth to groundwater.

## 3.0 Site Area Description

### 3.1 Soil Description

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Service (NRCS), the soil in this area is made up of the Berino complex with 0 to 3 percent slopes. Drainage courses in this area are normally dry.

### 3.2 Ground Water Depth and Wellhead Distance

The New Mexico State Engineer database indicates that ground water in the project vicinity is at a depth of 430-feet below ground surface (BGS). The nearest water will to this site is well C-02954. See Appendix III for the referenced groundwater data and well data.

### 3.3 Surface Water Distance

The nearest surface water body is the Pecos River. The nearest bank of the river is approximately 11.9 miles west of the site. See Appendix II for area maps.

### 3.4 Site Ranking Conclusion

Based on the information provided in the above sections it is concluded that the ranking for this site is 0. Therefore NMOCD RRAL's for this incident should be consistent with the description in section 2.2.

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## 4.0 Incident Information

### 4.1 Incident Description

On September 9, 2013, a leak on the Trunk A Line occurred due to internal corrosion. 128 MCF of gas was released into the atmosphere and a small amount of pipeline liquids (<5bbls) were released into the soil. The affected section of pipeline was shut in, excavated, and repaired.

## **5.0 Remediation Activities**

### 5.1 Excavation Activities

Due to the small amount of fluid that was released all of the impacted soil was excavated during the repair phase of the incident. The excavated soil was stockpiled on plastic liner and the excavation was left open pending analytical results from soil sampling activities.

### 5.2 Soil Sampling

On October 16, 2013 Talon mobilized personnel to the site to perform soil sampling within the excavation. Soil samples were taken from the bottom and side walls of the excavation. The analytical results of the soil sampling are summarized in the table below. Laboratory Analytical Reports and Chain of Custody Documentation can be found in Appendix V.

Sample ID	Depth (feet)	Benzene (mg/kg)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg)
S-1	5	ND	ND	ND	ND
S-2	Sidewall	ND	ND	ND	ND
S-3	Sidewall	ND	ND	ND	ND
S-4	Sidewall	ND	ND	ND	ND
S-5	Sidewall	ND	ND	352	ND

(ND) Analyte Not Detected

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH and the recommended guideline for Total Chlorides is 1,000 mg/kg.

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### 5.3 Backfill and Site Grading Activities

Following receipt of analytical results from the soil sampling event which showed that the soil in the affected area was below NMOCD RRAL's, the site was backfilled by Enterprise and contoured to match the surrounding terrain.

## 6.0 Conclusions and Recommendations

### 6.1 Conclusions

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- The amount of fluid released from the Trunk A Line on September 9, 2013 was below NMOCD reporting limits of 5bbls.
- The small amount of impacted soil was excavated during the repair phase of this incident.
- Soil samples were taken from the bottom and side walls of the excavation.
- Analytical results from the soil sampling event were below NMOCD RRAL's
- The excavation was backfilled by Enterprise and contoured to match the surrounding terrain.

### 6.2 Recommendations

Based on the fact that the fluid release from this incident was below NMOCD minimal reporting limits of 5bbls and the analytical results from the soil sampling event were below NMOCD RRAL's, it is recommended that no further actions be required and that closure with regard to this release be granted.

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

Respectfully submitted,

TALON/LPE

Sheldon Hitchcock

Sheldon Hitchcock Project Manager

David J. Adkins District Manager

Attachments

Appendix ISite PlanAppendix IIArea MapsAppendix IIIGroundwater and Well DataAppendix IVInitial C-141Appendix VLaboratory Results

# APPENDIX I SITE PLAN

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# APPENDIX II AREA MAPS

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# APPENDIX III GROUNDWATER AND WELL DATA



## New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW###### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	(	• •					2=NE : it to lar	3=SW 4=SE gest) (NA	) AD83 UTM in me	eters)	(Ir	n feet)	
	POD		•	•	~							Devetie 1	Denth Min	<b>.</b>
POD Number	Sub- Code basin C	ount		Q ( 16		Sec	Tws	Rng	Х	Y	Distance		Depth Wat Water Colu	Start South Const
C 02954 EXPL		ED					23S		613114	3572906* 🌍	587	905	ну, (ш	
<u>C 02661</u>		ED	3	3	1	04	24S	31E	613969	3568485* 🌍	4138	708		
C 02785		ED	3	3	1	04	24S	31E	613969	3568485* 🌍	4138	692		
<u>C 02783</u>	CUB	ED	3	3	1	04	24S	31E	613911	3568461 🍑	4157	708		
C 02783 POD2	С	ED	3	3	1	04	24S	31E	613911	3568461 🍑	4157	672		
<u>C 02784</u>	С	ED	4	2	4	04	24S	31E	613911	3568461 🍑	4157	584		
<u>C 02348</u>	С	ED	1	4	3	26	23S	31E	617648	3571068 🍑	4311	700	430	270
C 02258	С	ED		3	2	26	23S	31E	618055	3571853* 争	4497	662		
										Avera	ge Depth to	Water:	430 feet	
											Minimum	Depth:	430 feet	
											Maximum	Depth:	430 feet	
Record Count: 8	nang kanang nanang kanang k	17 N. 19 N. 19 N. 19			ne 200	n ando netta	10000 - 6000 - 600	<b>3</b> XOOM 40104 1000	, erra erro una erro erite pioa	none tobar MINE DATE 2019 COM AND AND	1797 1734 4958 5958 509 4702	YERS AND ADD YOUR	, and when the article article of the	ar an a
Basin/County Searc	h:													
County: Eddy														

UTMNAD83 Radius Search (in meters):

Easting (X): 613621

Northing (Y): 3572609

Radius: 4500

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

## USE VI EII LUCALIUIIS



# APPENDIX IV INITIAL C-141

•

District I State of New Mexico Form C-141 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resources Revised August 8, 2011 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III Submit I Copy to appropriate District Office in **Oil Conservation Division** accordance with 19.15.29 NMAC. 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr. District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 **Release Notification and Corrective Action** NAM 1326647545 Name of Company Enterprise Field Services LLC 100034 **OPERATOR** Initial Report **Final Repor** Contact: Jim Heap PO Box 4324, Houston, TX 77252 Telephone No. 432-686-5404 Pipeline ROW, Trunk A Line 9/1/13 Facility Type: Gas Gathering Pipeline Facility Name Surface Owner Multiple Owners Mineral Owner NA Lease No. NA BLM Jusface Onliner Fed LOCATION OF RELEASE North/South Line Section Feet from the Feet from the East/West Line County Unit Letter Township Range Eddy 20 23S 31E Latitude: 32.283627 N Longitude: -103.795482 W NATURE OF RELEASE Type of Release Natural Gas, minimal pipeline liquids Volume of Release 128 MCF Volume Recovered 0 Source of Release Pipeline Leak Date and Hour of Occurrence Date and Hour of Discovery (Start) 09-01-2013 17:00 MDT (End) 09-12-2013 09:30 MDT Was Immediate Notice Given? If YES, To Whom? ☐ Yes ☐ No 🛛 Not Required By Whom? Date and Hour Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ⊠ No RECEIVED If a Watercourse was Impacted, Describe Fully.\* SEP 19 2013 NMOCD ARTESIA Describe Cause of Problem and Remedial Action Taken.\* Initial Report Suspected internal corrosion. The affected section of the 6-inch line was isolated. Producers were notified of production shut down. Line was blown-down. repairs are scheduled. A small amount of liquids (< 5BBL) were released; BLM was notified. A final report will be submitted on completion of the repair. Describe Area Affected and Cleanup Action Taken.\* 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. **OIL CONSERVATION DIVISION** Signature: Approved by District SupervisorSigned By 4/13/2023 7:37:48 Printed Name: Jon E. Fields SEP 2 3 2013 Title: Director - Field Environmental **Approval Date: Expiration Date:** E-mail Address: jefields@eprod.com Conditions of Approval: Attached Remediation per OCD Rule & Guidelines, & Phone: 713-381-6595 Date: like approval by BLM. SUBMIT REMEDIATION Attach Additional Sheets If Necessary FJNW 1326641638 PROPOSAL NO LATER THAN: Released to Imaging: oher. 326649235

age 18 of 28

# APPENDIX V LABORATORY RESULTS



October 22, 2013

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

RE: TRUNK A CROSSOVER

Enclosed are the results of analyses for samples received by the laboratory on 10/17/13 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	10/17/2013	Sampling Date:	10/16/2013
Reported:	10/22/2013	Sampling Type:	Soil
Project Name:	TRUNK A CROSSOVER	Sampling Condition:	Cool & Intact
Project Number:	700348.132.01	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: S-1 5' (H302516-01)

BTEX 8021B	3021B mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL 99.7 % 89.4-126

119%

63.6-154

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2013	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2013	ND	204	102	200	8.49	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	199	99.4	200	8.56	
Surrogate: 1-Chlorooctane	116	% 65.2-14	0						

### Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/17/2013	Sampling Date:	10/16/2013
Reported:	10/22/2013	Sampling Type:	Soil
Project Name:	TRUNK A CROSSOVER	Sampling Condition:	Cool & Intact
Project Number:	700348.132.01	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: S-2 5' (H302516-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2013	ND	204	102	200	8.49	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	199	99.4	200	8.56	
Surrogate: 1-Chlorooctane	107 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	112 9	63.6-15	4						

**Cardinal Laboratories** 

\*=Accredited Analyte

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Celey D.Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/17/2013	Sampling Date:	10/16/2013
Reported:	10/22/2013	Sampling Type:	Soil
Project Name:	TRUNK A CROSSOVER	Sampling Condition:	Cool & Intact
Project Number:	700348.132.01	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: S-3 5' (H302516-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2013	ND	197	98.5	200	4.29	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	186	93.2	200	8.87	
Surrogate: 1-Chlorooctane	102 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 9	63.6-15	4						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/17/2013	Sampling Date:	10/16/2013
Reported:	10/22/2013	Sampling Type:	Soil
Project Name:	TRUNK A CROSSOVER	Sampling Condition:	Cool & Intact
Project Number:	700348.132.01	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: S-4 5' (H302516-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9 9	89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2013	ND	197	98.5	200	4.29	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	186	93.2	200	8.87	
Surrogate: 1-Chlorooctane	109 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	117 %	63.6-15	4						

\*=Accredited Analyte

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Celey D. Keine

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Celey D. Keene, Lab Director/Quality Manager

Page 5 of 8



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

Received:	10/17/2013	Sampling Date:	10/16/2013
Reported:	10/22/2013	Sampling Type:	Soil
Project Name:	TRUNK A CROSSOVER	Sampling Condition:	Cool & Intact
Project Number:	700348.132.01	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: S-5 5' (H302516-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2013	ND	2.01	101	2.00	3.40	
Toluene*	<0.050	0.050	10/21/2013	ND	2.11	106	2.00	1.78	
Ethylbenzene*	<0.050	0.050	10/21/2013	ND	2.14	107	2.00	3.66	
Total Xylenes*	<0.150	0.150	10/21/2013	ND	6.39	106	6.00	4.56	
Total BTEX	<0.300	0.300	10/21/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.9%	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/21/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2013	ND	197	98.5	200	4.29	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	186	93.2	200	8.87	
Surrogate: 1-Chlorooctane	115 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	117%	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



### **Notes and Definitions**

on report

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

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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District IV

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## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
ENTERPRISE PRODUCTS OPERATING, LLC	374092
P.O. BOX 4324	Action Number:
HOUSTON, TX 77210	206652
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

### CONDITIONS

Created By		Condition Date
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