District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

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Incident ID	NAB1433855615
District RP	2RP-2642
Facility ID	30-015-25901
Application ID	

Release Notification

Responsible Party

Responsible Party: Devon Energy	OGRID: 328947
Contact Name: Lupe Carrasco	Contact Telephone: 580-748-0765
Contact email: Lupe .Carrasco@dvn.com	Incident # (assigned by OCD): NAB1914957336
Contact mailing address: PO Box 250 Artesia, NM 88211	

Location of Release Source

Latitude	32.75989	_Longitude _103.90954 (NAD 83 in	n decimal degrees to 5 decimal places)
----------	----------	----------------------------------	--

Site Name: Sand 7 Federal 1	Site Type: Oil Production
Date Release Discovered: 12/03/2014	API# (if applicable) 30-015-25901

Unit Letter	Section	Township	Range	County
K	07	18S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 7 bbl	Volume Recovered (bbls) 2
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
	•	•

Cause of Release:

The lease operator was in the process of transferring oil with the recirculation pump at the Sand 7 Fed1. He discovered that the hammer union was leaking and had released approximately 7 bbls of oil into the pasture area. The lease operator shut down the recirculation pump and notified the assistant production foreman with Devon Energy. Franco's trucking was dispatched and recovered approximately 2 bbls of fluid.

<i>Received by OCD: 1/8/2021 10:36:07 AM</i> Form C-141 State of New Mexico	Received	by 10	CD : 1	1/8/2021	10:36:07	^{AM} State of New Mexico
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Incident ID	NAB1433855615
District RP	2RP-2642
Facility ID	30-015-25901
Application ID	

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Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? The volume of release was in excess of 5bbls.
19.15.29.7(A) NMAC?	
🛛 Yes 🗌 No	
Immediate notice was giv	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? een to the NMOCD by Rudy Zuniga, the production foreman. Notice was provided to Mike Bratcher with the son with the BLM on December 03, 2014

Initial Response

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

 \square The source of the release has been stopped.

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

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

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

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

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

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

Printed Name		Project Manager	
Signature:	Rebecca Pons in the second se	Date: <u>12/31/2020</u>	
email:	<u>Rpons@talonlpe.com</u>	Telephone: <u>575-441-0980</u>	
OCD Only			
Received by:		Date:	

Received by OCD: 1/8/2021 10:36:07 AM State of New Mexico

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Oil Conservation Division

Incident ID	NAB1433855615
District RP	2RP-2642
Facility ID	30-015-25901
Application ID	

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>80</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🔀 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- \boxtimes Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Received by OCD	: 1/8/2021 10:36:07 AM State of New Mexico			Page 4 of 10
F0ffill C-141			Incident ID	NAB1433855615
Page 4	Oil Conservation Division	l	District RP	2RP-2642
			Facility ID	30-015-25901
			Application ID	
regulations all oppublic health or the failed to adequate addition, OCD ac and/or regulations Printed Name:Signature:email:Rpc	Rebecca Pons Title:	otifications and perform cc OCD does not relieve the reat to groundwater, surfa of responsibility for compl	prrective actions for rele operator of liability sh- ce water, human health iance with any other fea anager	eases which may endanger ould their operations have or the environment. In
OCD Only Received by:		Date:		

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u>: Each of the following in	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name: Lupe Carrasco	Title: Environmental Professional
Signature: Lups Carrasco	Date: <u>12/31/2020</u>
email: Lupe.Carrasco@dvn.com	Telephone: 575748-0765
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Huttan Hall	Date:1/24/2023
Printed Name: Brittany Hall	Title: Environmental Specialist



Remediation and Closure Report

Sand 7 Fed 1 Eddy County, New Mexico 30-015-25901 Incident #Nab1433855615

Prepared For:

Devon Energy Production 6488 Seven Rivers Hwy Artesia, NM 88220

Prepared By:

TALON/LPE 408 W. Texas Avenue Artesia, New Mexico 88210

December 29, 2020

Page | 1

Mike Bratcher						
NMOCD						
811 S. 1 st Street						
Artesia, NM 88210						

Jim Amos **BLM** 620 E. Greene St. Carlsbad, NM 88220

Subject: Remediation and Closure Report Sand 7 Fed1 Eddy County, NM API 30-015-25901 Incident #Nab1433855615

Dear Mr. Bratcher,

Devon Energy has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The incident description, soil sampling results, remedial actions, and closure request is presented herein.

Site Information

The Sand 7 Fed 1 is located approximately thirty eight (38) miles southeast of Artesia, New Mexico. The legal location for this release is Unit Letter K, Section 7, Township 18 South and Range 31 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.75989 North and - 103.90954 West. A Site Map is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Kermit-Berino fine sands with 0 to 3 percent slopes. The reference soil data is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age and is comprised of mixed alluvium and.or eolian sands. Drainage courses in this area are very well drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 80-feet below ground surface (BGS). The referenced groundwater data has drill data that is dated 03/19/2013. See Appendix II for the referenced groundwater depth. This site is not situated in a Karst area.

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

Approximate Depth to	o Groundwater 80 Feet/BGS
□Yes ⊠No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or a playa lake
□Yes ⊠No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
∐Yes ⊠No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
□Yes ⊠No	Within 1000 feet of any freshwater well or spring
∐Yes ⊠No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
□Yes ⊠No	Within 300 feet of a wetland
□Yes ⊠No	Within the area overlying a subsurface mine
□Yes ⊠No	Within an unstable area
□Yes ⊠No	Within a 100-year floodplain

Incident Description

On December 03, 2014 the hammer union on the recirculation pump malfunctioned, causing a release of approximately 7 bbls of mixed fluids. The well was immediately shut-in and the pump replaced. A vac truck was dispatched to the location and recovered 2 bbls of fluid. The affected area was on location surrounding the transfer pump with a flow path that traversed north along the lease road and west into the pasture area. The site map is presented in Appendix I.

Site Assessment

On December 05, 2014, Talon mobilized personnel to the site and conducted the initial site assessment. Soil samples were grabbed from the footprint of the spill area in order to construct a work plan. Grab soil samples were collected utilizing a hand auger to depths of 2' bgs. (below ground surface). The C-141 can be referenced in Appendix III.

On January 09, 2015, Talon LPE submitted a work plan to the NMOCD for review. The work plan was approved on January 13, 2015, and can be referenced in Appendix IV.

On September 29, 2020, Talon personnel mobilized to the Sand 7 Fed 1 location in order to conduct a follow-up assessment and site remediation. The impacted area was scraped to depths of .05' to 1' bgs. Sample positions were situated in the same areas as had been previously sampled. All soil samples were properly packaged, preserved, and transported to Cardinal Laboratories via chain of custody for analysis of Total Chlorides (Method SM4500CL-B), TPH (EPA Method 8015M), and BTEX (EPA Method 8021B). Sample locations are shown on the attached site plan and the results of our sampling event are presented in the following data table. See Appendix VI for the complete report of laboratory results.

Sample ID	Sample Date	Depth ft.(BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC *		50 mg/kg	10 mg/kg	DRO + GRO combined = 100 mg/kg			5,000 mg/kg	1,000 mg/kg	
S-1	9/29/2020	0-1' R	ND	ND	ND	240	115	355	80
S-2	9/29/2020	0-1'	ND	ND	ND	ND	ND	0	32
5-2	5/25/2020	2' R	ND	ND	ND	ND	ND	0	16
S-3	9/29/2020	0-1'	ND	ND	ND	95.9	83.8	179.7	80
3-5	9/29/2020	1.5' R	ND	ND	ND	23.7	14.5	38.2	32
S-4	9/29/2020	0-1' R	ND	ND	ND	ND	ND	0	112
S-5	9/29/2020	0-1' R	ND	ND	ND	ND	ND	0	16
S-6	9/29/2020	0' R	ND	ND	ND	38.3	23.2	61.5	ND
S-7	9/29/2020	0-1'R	ND	ND	ND	ND	ND	0	ND
BG-1	9/29/2020	0'	ND	ND	ND	ND	ND	0	<mark>11600</mark>
BG-2	9/29/2020	0'	ND	ND	ND	ND	ND	0	ND
BG-3	9/29/2020	0'	ND	ND	ND	ND	ND	0	ND
BG-4	9/29/2020	0'	ND	ND	ND	45.8	33.3	79.1	48

11-4-2020 Soil Sample Laboratory Results

ND-Analyte Not Detected *Closure criteria per approved work plan.

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On November 13, 2020, Talon personnel mobilized to the location in order to hand excavate the areas around S1 and S-3. Composite soil samples were retrieved, properly contained, preserved, and transported to Hall Laboratories for analyses. The results area tabled below, and complete laboratory reports are appended in Appendix VI.

Sample IDSample DateDepth ft.(BGS)NMOCD Table 1 Closure Criteria 19.15.29 NMAC *		BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg	
		50 mg/kg	10 mg/kg	DRO + combi 100 n	ined =		5,000 mg/kg	1,000 mg/kg	
S-1 11/13/2020 .5'		ND	ND	ND	340	860	1200	99	
S-3 11/13/2020 .5'		ND	ND	ND	160	660	820	250	
BG-1	11/13/2020	.5'	ND	ND	ND	210	300	410	1000

1	1-20-2020	Soil Sa	mple L	aboratorv	^v Results
		0011 00		aboratory	rtoounto

ND-Analyte Not Detected

On December 08, 2020, Talon equipment and personnel returned to the location in oder to advance the southern sidewall of the spill footprint at sample position BG-1. This area was excavated to 1' bgs. and the sidewall advanced to the extent that field titrations for chlorides were below the Recommended Remediation Action Levels (RRAL). A composite soil sample was taken, properly contained, preserved, and transported to Hall Laboratories for analysis. The results are tabled below. A full laboratory report can be viewed in Appendix VI.

19.15.29 NMAC * mg/kg mg/kg combined = mg/kg mg/kg mg/kg	Sample Sample Depth ID Date ft.(BGS)				BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SSW-BG-1 12/08/2020 1' ND ND ND ND ND - 240							combi	ined =			1,000 mg/kg
	Γ	SSW-BG-1	12/08/2020	1′	ND	ND	ND	ND	ND	-	240

ND-Analyte Not Detected

Remedial Actions

- Site was remediatied in accordance with approved work plan.
- Confirmation soil samples were collected and verified analyte levels were below NMOCD and BLM remediation guidelines.
- Fresh caliche, similar in grade was used to backfill the location. The pad area was packed and restored to surrounding grade as can be seen in photo documentation Appendix V.

Closure

Based on this site characterization, remedial actions completed, and analytical results, we respectfully request that no further actions be required, and that closure with regard to the attached incident 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

Rebecca Pons

Rebecca Pons Project Manager

David J	Digitally signed by David J. Adkins DN: cn=David J. Adkins, o=Talon/ UPE. ou=Regional Manager.
Adkins	email=dadkins@talonlpe.com, c=US Date: 2021.01.08 09:23:59 -07'00'

David J. Adkins Regional Manager

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Attachments:

Appendix I Site Maps, Karst Map, TOPO Map

Appendix II Groundwater Data, Soil Survey

Appendix III Initial and Final C-141's Appendix IV Approved Work Plan

Appendix V Photo Documentation

Appendix VI Laboratory Analytical Data

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APPENDIX I

SITE MAPS

Released to Imaging: 1/24/2023 7:33:50 AM



















APPENDIX II

SOIL SURVEY, GROUNDWATER DATA

Released to Imaging: 1/24/2023 7:33:50 AM

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q Elevation: 3,100 to 4,200 feet Mean annual precipitation: 10 to 14 inches Mean annual air temperature: 60 to 64 degrees F Frost-free period: 190 to 230 days Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent *Berino and similar soils:* 35 percent *Minor components:* 15 percent *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Kermit

Setting

Landform: Alluvial fans, plains Landform position (three-dimensional): Rise, talf Down-slope shape: Linear, convex Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand *H2 - 7 to 60 inches:* fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: A Ecological site: R042XC005NM - Deep Sand Hydric soil rating: No

Description of Berino

Setting

Landform: Fan piedmonts, plains Landform position (three-dimensional): Riser Down-slope shape: Convex Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand H2 - 17 to 50 inches: fine sandy loam H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 16, Jun 8, 2020





POD has been replaced & no longer serves a water right file.)	O=orpha C=the fil closed)	ned,							/ 2=NE est to la	2 3=SW 4=5 rgest) (SE) NAD83 U	JTM in n	neters)	(In feet)		
POD Number	Code	POD Sub- basin	County	_	Q 16	_	Sec	Tws	Rng	х		Y	DistanceDe	pthWellD	epthWater	Wat Colu	
RA 11590 POD1		RA	ED	2	1	3	32	17S	31E	603315	3628	545 🌍	3517	158			
RA 11590 POD4		RA	ED	4	1	1	32	17S	31E	603308	36292	253 🌍	4186	55			
RA 11590 POD3		RA	ED	3	1	2	32	17S	31E	603932	36292	260 🌍	4413	60			
CP 00767 POD1		СР	ED		3	2	35	18S	30E	599300	361915	58* 🌍	6699	500			
CP 00853 POD1	0	CP	ED		2	4	28	18S	30E	596472	362034	40* 🌍	7462	350			
<u>RA 11914 POD1</u>		RA	ED	2	4	2	20	17S	30E	594801	36320	002 🌍	9941	85	80		5
												Averag	ge Depth to Wate	er:	80	feet	
													Minimum De	pth:	80	feet	
													Maximum Dep	oth:	80	feet	
Record Count: 6	an de la seconda en la seconda en de las																
Basin/County Search :																	
County: Eddy																	
UTMNAD83 Radius S	<u>Search (in</u>	<u>meters):</u>															
Easting (X): 6020	95.22		Northi	ng ((Y):	3	6252	46.54			Radius:	10000					
*UTM location was derived fr	om PLSS -	see Help															
The data is furnished by the NM accuracy, completeness, reliabili	IOSE/ISC a ty, usability,	nd is acce or suitabi	pted by the lity for any	reci part	ipien icula	t wi ir pu	ith the irpose	e express of the	ssed und data.	lerstanding th	nat the OSI	E/ISC mal	ke no warranties,	expressed or	implied, cond	erning	the

11/13/20 11:35 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



APPENDIX III

C-141 Forms

Released to Imaging: 1/24/2023 7:33:50 AM

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 Devon Energy Production	Contact Rudy Zuniga, Product	ion Foreman	
Address 6488 Seven Rivers Hwy Artesia, NM 88220	Telephone No. 575-390-5435		
Facility Name Sand 7 Fed 1	Facility Type Oil		

Surface Owner Federal

Mineral Owner Federal

API No. 30-015-25901

Attached

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	7	188	31E	1980'	FSL	2121'	FWL	Eddy

Latitude: 32.75989

Longitude: -103.90954

NATURE OF RELEASE

Type of Release Spill	Volume of Release 7bbls	Volume Recovered 2bbls	
Source of Release hammer union on recirculation pump	Date and Hour of Occurrence Date and Hour of Discovery		
	December 3, 2014 10:30 AM December 3, 2014 10:30 AM		
Was Immediate Notice Given?	If YES, To Whom?		
🛛 Yes 🗌 No 🗌 Not Required	Jeff Robertson, BLM & Mike Br	atcher, OCD	
By Whom? Rudy Zuniga, Production Foreman	Date and Hour December 3, 2014		
Was a Watercourse Reached?	If YES, Volume Impacting the W	atercourse	
🗌 Yes 🖾 No	N/A		
If a Watercourse was Impacted, Describe Fully.* N/A			
Describe Cause of Problem and Remedial Action Taken.*			
On December 3, 2014 at 10:30am Lease Operator was transferring oi			
hammer union leaking releasing 7bbls of oil in pasture. When Lease pump and notified the Assistant Production Foreman.	Operator discovered the leak he imp	mediately shut down the recirculation	
pump and notified the Assistant r roduction r oreman.			
Describe Area Affected and Cleanup Action Taken.*			
The area affected is approximately 2'x10' in the pasture area North of	f the Sand 7 Fed 1. Franco's Truck	ing was contacted and were able to	
recover 2bbls of oil from the spill by vac truck.			
I hereby certify that the information given above is true and complete to t			
regulations all operators are required to report and/or file certain release n			
public health or the environment. The acceptance of a C-141 report by the			
should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report d			
federal, state, or local laws and/or regulations.	bes not relieve the operator of respons	soluty for compliance with any other	
rederal, state, or local laws and/or regulations.	OIL CONCEDI	ATION DIVISION	
Signature: Sheila Fisher		ATION DIVISION	
Signature: Strettur FUSIVER			
Printed Name: Sheila Fisher	Approved by Environmental Specialist:		
		30. 	
Title: Field Admin Support	Approval Date: Expiration Date:		
E-mail Address: Sheila.Fisher@dvn.com	Conditions of Approval:		
E-man Address. Shena.risher@uvil.com	Conditions of Approval:	A 4411	

* Attach Additional Sheets If Necessary

Date:

Phone: 575.748.1829

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

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Incident ID	NAB143385565
District RP	2RP-2642
Facility ID	30-015-25901
Application ID	

Release Notification

Responsible Party

Responsible Party: Devon Energy	OGRID: 328947
Contact Name: Lupe Carrasco	Contact Telephone: 580-748-0765
Contact email: Lupe .Carrasco@dvn.com	Incident # (assigned by OCD): NAB1914957336
Contact mailing address: PO Box 250 Artesia, NM 88211	

Location of Release Source

Latitude	32.75989	_Longitude _103.90954 (NAD 83 in	n decimal degrees to 5 decimal places)
----------	----------	----------------------------------	--

Site Name: Sand 7 Federal 1	Site Type: Oil Production
Date Release Discovered: 12/03/2014	API# (if applicable) 30-015-25901

Unit Letter	Section	Township	Range	County
K	07	18S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 7 bbl	Volume Recovered (bbls) 2
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

The lease operator was in the process of transferring oil with the recirculation pump at the Sand 7 Fed1. He discovered that the hammer union was leaking and had released approximately 7 bbls of oil into the pasture area. The lease operator shut down the recirculation pump and notified the assistant production foreman with Devon Energy. Franco's trucking was dispatched and recovered approximately 2 bbls of fluid.

<i>Received by OCD:</i> Form C-141	1/8/2021	10:36:07 AM	()) I	
form C-141		Stat	e of New	Mexico

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Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?		
release as defined by	The volume of release was in excess of 5bbls.		
19.15.29.7(A) NMAC?			
Yes 🗌 No			
	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?		
Immediate notice was given to the NMOCD by Rudy Zuniga, the production foreman. Notice was provided to Mike Bratcher with the			
NMOCD and Jeff Robert	son with the BLM on December 03, 2014		

Initial Response

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

 \square The source of the release has been stopped.

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

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

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

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

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

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

Printed Name: <u>Rebecca Pons</u> Title: <u>Project Manager</u>	
Signature:	Date: <u>12/31/2020</u>
email: <u>Rpons@talonlpe.com</u>	Telephone: <u>575-441-0980</u>
OCD Only	
Received by:	Date:

Received by OCD: 1/8/2021 10:36:07 AM State of New Mexico

Page 3

Oil Conservation Division

	Page 28 of 10	4
Incident ID	NAB143385565	
District RP	2RP-2642	
Facility ID	30-015-25901	
Application ID		

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>80</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🖂 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- \boxtimes Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Received by OCD:	1/8/2021 10:36:07 AM State of New	Marriaa			Page 29 of 10
Form C-141				Incident ID	NAB143385565
Page 4	Oil Conservation Divisi			District RP	2RP-2642
				Facility ID	30-015-25901
				Application ID	
regulations all oper public health or the failed to adequately addition, OCD acco and/or regulations. Printed Name: Signature:	t the information given above is true and c ators are required to report and/or file cert renvironment. The acceptance of a C-141 vinvestigate and remediate contamination eptance of a C-141 report does not relieve Rebecca Pons Rebecca Pons Rebecca Pons	ain release not report by the (that pose a thr	ifications and perform cc OCD does not relieve the eat to groundwater, surfa f responsibility for compl	rrective actions for rele operator of liability sh ce water, human health iance with any other fe er	eases which may endanger ould their operations have or the environment. In
OCD Only Received by:			Date:		

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u>: Each of the following it	tems must be included in the closure report.			
\boxtimes A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC			
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office			
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)			
Description of remediation activities				
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in			
Printed Name: Lupe Carrasco	Title:Environmental Professional			
Signature:Lupe Carrasco	Date: <u>12/31/2020</u>			
email: Lupe.Carrasco@dvn.com	Telephone: 575748-0765			
OCD Only				
Received by:	Date:			
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.				
Closure Approved by: Juttan Hall	Date: 1/24/2023			
Printed Name: Brittany Hall	Title: Environmental Specialist			

.



APPENDIX IV

Work Plan



December 18, 2014

Mr. Mike Bratcher NMOCD District 2

921 North Bivins Amarillo, Texas 79107 Phone 806.467.0607 Fax 806.467.0622

ARTESIA 408 West Texas Ave. Artesia, New Mexico 88210 Phone 575.746.8768

AMARILLO 811 S. 1st Street Artesia, NM 88210

Subject:

Soil Assessment and Remediation Work Plan **Devon Energy Corporation** Sand 7 Federal #1 API # 30-015-25901 - 2RP-2642

Fax 575.746.8905 Dear Mr. Bratcher

HOBBS **318 East Taylor Street** Hobbs, New Mexico 88240 Phone 575.393.4261 Fax 575.393.4658

Devon Energy Corporation (Devon) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Incident Date

MIDLAND 2901 State Hwy 349 Midland, Texas 79706 Phone 432.522.2133 Fax 432.522.2180

OKLAHOMA CITY 7700 North Hudson Avenue Suite 10 Oklahoma City, Oklahoma 73116 Phone 405,486,7030

> SAN ANTONIO 13111 Lookout Way San Antonio, Texas 78233 Phone 210.265.8025 Fax 210.568.2191

December 3, 2014

Background Information

The Sand 7 Federal #1 is located approximately thirty-eight (38) miles southeast of Artesia, New Mexico. The legal location for the site is Unit letter K of Section 7, Township 18S, Range 31E in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.75989 North and -103.90954 West. See Fax 806.467.0622 site plan in Appendix I.

> According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Kermit-Berino fine sands with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age and is comprised of eolian sands. Drainage courses in this area are normally dry. Ground water in the project vicinity is greater than 100-feet below ground surface (bgs), according to the New Mexico Office of the State Engineer. See Appendix II for the referenced groundwater data.

The ranking for this site is 0 based on the following:

ENVIRONMENTAL CONSULTING ENGINEERING DRILLING CONSTRUCTION SPILL MANAGEMENT	Depth to ground water Wellhead protection area Distance to surface water body	>100' >1000' >1000'
GENERAL CONTRACTING		Page 1 of

1 of 3

Incident Description

On December 3, 2014 the hammer union on the recirculation pump malfunctioned causing a release of 7 barrels of mix fluids. The well was shut-in and the pump replaced. A vac truck was called to the location and recovered 2 barrels of fluid. The area affected was on location surrounding the transfer pump with a flow path that moved north along the lease road and west into the pasture. See site plan in Appendix I.

Actions Taken

On December 5, 2014 Talon mobilized personnel to begin the site assessment and soil sampling activities for the construction of a work plan. Grab soil samples were collected utilizing a hand auger to a depth of 2-feet below ground surface. See Table 1.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, and volatile organics (BTEX) using EPA Method 8021B. The chloride samples were analyzed per Method SM4500Cl-B.

Laboratory Results

See Appendix III for complete report of laboratory results.

December 15, 2014 Table					Table 1
Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0'	2780	<16	15100	30100
Refusal	0.5'	14.6	<16	87.5	336
S-2	0'	2270	<16	10600	22800
	0.5'	147	<16	892	2700
S-3	0'	67.5	240	680	2990
	1'	0.419	<16	<10	<10
S-4	0'	1510	270	8470	16100
	1'	62.1	<16	287	762
	2'	35.3	<16	320	1140
S-5	0'	1710	<16	10900	20700
	1'	22.6	<16	278	893
Refusal	2'	1.41	<16	<10	170
S-6	0'	1900	<16	11100	20400
	1'	2.28	<16	<10	164
14.20	2'	0.395	<16	<10	67.6
S-7	0'	2420	<16	13700	28900
	1'	169	<16	703	1840
	2'	1.67	<16	<10	100

Released to Imaging: 1/24/2023 7:33:50 AM

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. The chloride standard is considered to be 1,000 mg/kg.

Proposed Remedial Actions

- The impacted area in the vicinity of sample points S-1, S-3, S-5, S-6 and S-7 will be excavated to a depth of 0.5-feet deep. The impacted area in the vicinity of sample point S-2 will be excavated to depth of 1-feet deep. Field PID readings will be used to guide the excavation. Once field results indicate that the impacted soil is below NMOCD Recommended Remedial Action Level's (RRAL's), a confirmation soil sample will be taken to insure all of the impacted material was removed.
- The impacted area in the vicinity of sample points S-4 and S-7 will be excavated to a depth of 1.5-feet deep.
- All the contaminated soil will be transported to Lea Land, LLC, an approved disposal facility.
- The excavated areas will be backfilled with new/clean caliche and topsoil from Lea Land. The excavation will be re-contoured to match the surrounding location. The areas in the pasture will be seeded using the BLM LPC seed mix.
- A final closure report documenting all remedial actions and analytical results will be provided to the NMOCD Artesia Office along with a Final C-141 Form.

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,

M. Wilson

Kimberly M. Wilson Project Manager

David J. Adkins District Manager

APPENDIX I

SITE MAP


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APPENDIX II

GROUNDWATER DATA

INITIAL C-141

	New Water C			f the State age Dep	-	
(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)		NW 2=NE 3=SW 4 allest to largest)		eters)	(In feet)
dian banks	POD		the State of the second			
POD Number	Sub- Code basin Coun	Q Q Q 1ty 64 16 4 Sec T	ſws Rng	х ү		h Depth Water II Water Column
RA 11590 POD1	ED	2 1 3 32 1	17S 31E 603	315 3628545 🌍	3954 15	8
				Avera	ge Depth to Wate Minimum Deptl Maximum Deptl	n:
Record Count: 1						
UTMNAD83 Radius	Search (in meters):					
Easting (X): 601	1760	Northing (Y):	3624909	Radius	: 4000	

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.

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•

District II Energy Minera 811 S. First St., Artesia, NM 88210 Oil Cons District III 000 Rio Brazos Road, Aztec, NM 87410 1220 Sou 12200 Sou Energy Minera	of New Mexico NM Is and Natural Resources ervation Division oth St. Francis Dr. Fe, NM 87505	OIL CONSE ARTESIA DIST sபிசுயி 0ஷே ac RECEIVE	RICT Revised August 8, 2011 Appropriate District Office in cordance with 19,15,29 NMAC.			
	on and Corrective Act	an and a state of the state of				
NAB14338551015	OPERATOR		l Report 🔲 Final Report			
Name of Company Devon Energy Production (0/37	Contact Rudy Zuniga, Produ					
Address 6488 Seven Rivers Hwy Artesia, NM 88220	Telephone No. 575-390-5435					
Facility Name Sand 7 Fed 1	Facility Type Oil					
Surface Owner Federal Mineral Own	er Federal	API No	. 30-015-25901			
LOCATI	ON OF RELEASE					
		East/West Line FWL	County Eddy			
Latitude: 32.75989	Longitude: -103.909	954				
	E OF RELEASE					
Type of Release Spill Source of Release hammer union on recirculation pump	Volume of Release 7bbls Date and Hour of Occurrence		Recovered 2bbls			
Source of Aclease nammer union on recirculation pump	December 3, 2014 10:30 AM		Hour of Discovery r 3, 2014 10:30 AM			
Was Immediate Notice Given?	If YES, To Whom?					
By Whom? Rudy Zuniga, Production Foreman	Date and Hour December 3, 2014 11:20 AM					
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse N/A					
If a Watercourse was Impacted, Describe Fully.* N/A						
Describe Cause of Problem and Remedial Action Taken.* On December 3, 2014 at 10:30am Lease Operator was transferring hammer union leaking releasing 7bbls of oil in pasture. When Leas pump and notified the Assistant Production Foreman.	oil with the recirculation pump at se Operator discovered the leak he	t the Sand 7 Fed e immediately sl	1 when he discovered the nut down the recirculation			
Describe Area Affected and Cleanup Action Taken.* The area affected is approximately 2'x10' in the pasture area North recover 2bbls of oil from the spill by vac truck.	of the Sand 7 Fed 1. Franco's Tr	rucking was con	tacted and were able to			
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remed or the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations.	e notifications and perform corrective the NMOCD marked as "Final Repo- iate contamination that pose a threat	e actions for rele ort" does not reli to ground water	ases which may endanger eve the operator of liability surface water, human health			
Signature: Sheila Fisher	OIL CONSE	ERVATION	DIVISION			
Printed Name: Sheila Fisher	Signed By Approved by Environmental Spec	MI/4 Dres	19703/C57C			
Title: Field Admin Support	Approval Date: 12414	- Expiration I	Date: NIA			
E-mail Address: Sheila.Fisher@dvn.com	Conditions of Approval:		Attached			
Date: Phone: 575.748.1829	Remediation per O.C.D. Ru	ules & Guide	lines			
* Attach Additional Sheets If Necessary	LATER THAN:	2	2RP-2642			

.

APPENDIX III

LABORATORY RESULTS



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

December 15, 2014

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: SAND 7 FED. NO. 1

Enclosed are the results of analyses for samples received by the laboratory on 12/08/14 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-1 0' (H403734-01)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	319	10.0	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	1260	10.0	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	504	10.0	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	702	30.0	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	2780	60.0	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE 106 % 61-154

Chloride, SM4500CI-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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	15100	100	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	30100	100	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	450	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	768	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEXEE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the aboratories.

Celeg Di Keene-

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 22



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

Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-1 0.5' REFUSAL (H403734-02)

BTEX 8021B Analyzed By: CK mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Benzene* 0.478 0.050 12/11/2014 ND 2.06 103 2.00 0.335 12/11/2014 2.03 101 2.00 0.553 2.76 0.050 ND Toluene* Ethylbenzene* 3.97 0.050 12/11/2014 ND 1.91 95.7 2.00 1.50 Total Xylenes* 7.39 0.150 12/11/2014 ND 5.75 95.9 6.00 1.57 12/11/2014 ND **Total BTEX** 0.300 14.6

Surrogate: 4-Bromofluorobenzene (PIL 131 % 61-154

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	12/09/2014	ND	400	100	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
GR0 C6-C10	87.5	10.0	12/09/2014	ND	205	102	200	0.0332	
DR0 >C10-C28	336	10.0	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	125	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	146	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clerific advort, this tabatiliaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based unow state datesoms or otherwise. Results relate only to the sample identified advort, that not performance develoced except in full with written approval of Cardinal Laboratories.

Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-2 0' (H403734-03)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	182	10.0	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	1040	10.0	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	439	10.0	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	611	30.0	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	2270	60.0	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 108 % 61-154

570%

52.1-176

Chloride, SM4500CI-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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10600	200	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	22800	200	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	339	% 47.2-15	7						
9									

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Surrogate: 1-Chlorooctadecane

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Celey D. Keene, Lab Director/Quality Manager



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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-2 0.5' REFUSAL (H403734-04)

BTEX 8021B mg/kg Analyzed By: CK Analyte Result **Reporting Limit** Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Benzene* 6.46 0.500 12/11/2014 ND 2.06 103 2.00 0.335 57.8 0.500 12/11/2014 ND 2.03 101 0.553 Toluene* 2.00 Ethylbenzene* 33.0 0.500 12/11/2014 ND 1.91 95.7 2.00 1.50 **Total Xylenes*** 49.5 1.50 12/11/2014 ND 5.75 95.9 6.00 1.57 Total BTEX 12/11/2014 ND 147 3.00

Surrogate: 4-Bromofluorobenzene (PIL 115 % 61-154

Chloride, SM4500CI-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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	892	10.0	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	2700	10.0	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	169	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	172	% 52.1-17	6						

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-3 0' (H403734-05)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.569	0.500	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	7.68	0.500	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	18.2	0.500	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	41.0	1.50	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	67.5	3.00	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 125 % 61-154

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	680	100	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	2990	100	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	108	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	223	% 52.1-17	6						

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-3 1' REFUSAL (H403734-06)

BTEX 8021B mg/kg Analyzed By: CK Analyte Result **Reporting Limit** Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Benzene* 0.171 0.050 12/11/2014 ND 2.06 103 2.00 0.335 0.050 12/11/2014 ND 2.03 101 2.00 0.553 Toluene* 0.186 Ethylbenzene* 0.061 0.050 12/11/2014 ND 1.91 95.7 2.00 1.50 Total Xylenes* <0.150 0.150 12/11/2014 ND 5.75 95.9 6.00 1.57 **Total BTEX** 0.419 12/11/2014 ND 0.300

Surrogate: 4-Bromofluorobenzene (PIL 102 % 61-154

Chloride, SM4500CI-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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	<10.0	10.0	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	105	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	121	% 52.1-17	6						

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-4 0' (H403734-07)

BTEX 8021B	mg	mg/kg		d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	176	5.00	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	677	5.00	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	273	5.00	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	383	15.0	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	1510	30.0	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106% 61-154

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	8470	100	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	16100	100	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	235	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 402 % 52.1-176

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-4 1' (H403734-08)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.87	0.200	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	22.6	0.200	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	15.0	0.200	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	22.7	0.600	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	62.1	1.20	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 118 % 61-154

131%

52.1-176

Chloride, SM4500CI-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	12/09/2014	ND	400	100	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	287	10.0	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	762	10.0	12/09/2014	ND	214	107	200	2,07	
Surrogate: 1-Chlorooctane	124	% 47.2-15	7						

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Surrogate: 1-Chlorooctadecane

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-4 2' (H403734-09)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.460	0.200	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	9.51	0.200	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	9.63	0.200	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	15.7	0.600	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	35.3	1.20	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 116% 61-154

144%

52.1-176

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	12/09/2014	ND	400	100	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	320	10.0	12/09/2014	ND	205	102	200	0.0332	
DRO >C10-C28	1140	10.0	12/09/2014	ND	214	107	200	2.07	
Surrogate: 1-Chlorooctane	137	% 47.2-15	7						
9									

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Surrogate: 1-Chlorooctadecane

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-5 0' (H403734-10)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	189	10.0	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	768	10.0	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	316	10.0	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	441	30.0	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	1710	60.0	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE 104 % 61-154

335 %

52.1-176

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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10900	100	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	20700	100	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	277 5	% 47.2-15	7						

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Surrogate: 1-Chlorooctadecane

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-5 1' (H403734-11)

BTEX 8021B	mg	mg/kg		d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.637	0.200	12/11/2014	ND	2.06	103	2.00	0.335	
Toluene*	7.08	0.200	12/11/2014	ND	2.03	101	2.00	0.553	
Ethylbenzene*	5.82	0.200	12/11/2014	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	9.09	0.600	12/11/2014	ND	5.75	95.9	6.00	1.57	
Total BTEX	22.6	1.20	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE 109 % 61-154

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	12/09/2014	ND	400	100	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	278	10.0	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	893	10.0	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	101	% 47.2-15	7		D.				
Surrogate: 1-Chlorooctadecane	89.3	% 52.1-17	6						

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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-5 2' REFUSAL (H403734-12)

BTEX 8021B Analyzed By: CK mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier 4.25 Benzene* 0.051 0.050 12/11/2014 ND 1.98 98.9 2.00 0.241 0.050 12/11/2014 ND 1.97 98.7 2.00 4.01 Toluene* Ethylbenzene* 0.363 0.050 12/11/2014 ND 1.89 94.4 2.00 3.87 **Total Xylenes*** 0.759 0.150 12/11/2014 ND 5.72 95.3 6.00 3.73 **Total BTEX** 1.41 0.300 12/11/2014 ND

Surrogate: 4-Bromofluorobenzene (PIL 103 % 61-154

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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	170	10.0	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	85.5	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 80.5 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-6 0' (H403734-13)

BTEX 8021B	mg	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	193	10.0	12/11/2014	ND	1.98	98.9	2.00	4.25	
Toluene*	869	10.0	12/11/2014	ND	1.97	98.7	2.00	4.01	
Ethylbenzene*	352	10.0	12/11/2014	ND	1.89	94.4	2.00	3.87	
Total Xylenes*	491	30.0	12/11/2014	ND	5.72	95.3	6.00	3.73	
Total BTEX	1900	60.0	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 104% 61-154

Chloride, SM4500CI-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	12/09/2014	ND	400	100	400	0.00	
ГРН 8015М	mg	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	11100	200	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	20400	200	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	255	47.2-15	7						
Surrogate: 1-Chlorooctadecane	503	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-6 1' (H403734-14)

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: CK					-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.299	0.050	12/11/2014	ND	1.98	98.9	2.00	4.25	
Toluene*	0.589	0.050	12/11/2014	ND	1.97	98.7	2.00	4.01	
Ethylbenzene*	0.462	0.050	12/11/2014	ND	1.89	94.4	2.00	3.87	
Total Xylenes*	0.926	0.150	12/11/2014	ND	5.72	95.3	6.00	3.73	
Total BTEX	2.28	0.300	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 103 % 61-154

Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	164	10.0	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	93.3	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 87.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-6 2' REFUSAL (H403734-15)

BTEX 8021B mg/kg Analyzed By: CK Analyte Result **Reporting Limit** Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Benzene* < 0.050 0.050 12/11/2014 1.98 98.9 2.00 4.25 ND 0.050 Toluene* 0.108 12/11/2014 ND 1.97 98.7 2.00 4.01 Ethylbenzene* 0.097 0.050 12/11/2014 ND 1.89 94.4 2.00 3.87 **Total Xylenes*** 0.189 0.150 12/11/2014 ND 5.72 95.3 6.00 3.73 **Total BTEX** 0.395 12/11/2014 0.300 ND

Surrogate: 4-Bromofluorobenzene (PIE 103 % 61-154

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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	67.6	10.0	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	84.9	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 81.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-7 0' (H403734-16)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	176	10.0	12/11/2014	ND	1.98	98.9	2.00	4.25	
Toluene*	1070	10.0	12/11/2014	ND	1.97	98.7	2.00	4.01	
Ethylbenzene*	484	10.0	12/11/2014	ND	1.89	94.4	2.00	3.87	
Total Xylenes*	689	30.0	12/11/2014	ND	5.72	95.3	6.00	3.73	
Total BTEX	2420	60.0	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 109 % 61-154

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	12/09/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13700	200	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	28900	200	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	290	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 422 % 52.1-176

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12/08/2014	Sampling Date:	12/05/2014
12/15/2014	Sampling Type:	Soil
SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
700794.010.01	Sample Received By:	Jodi Henson
SEC.7 - T18S - R31E		
	12/15/2014 SAND 7 FED. NO. 1 700794.010.01	12/15/2014Sampling Type:SAND 7 FED. NO. 1Sampling Condition:700794.010.01Sample Received By:

Sample ID: S-7 1' (H403734-17)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.75	0.500	12/11/2014	ND	1.98	98.9	2.00	4.25	
Toluene*	65.2	0.500	12/11/2014	ND	1.97	98.7	2.00	4.01	
Ethylbenzene*	39.5	0.500	12/11/2014	ND	1.89	94.4	2.00	3.87	
Total Xylenes*	59.1	1.50	12/11/2014	ND	5.72	95.3	6.00	3.73	
Total BTEX	169	3.00	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 117 % 61-154

88.7%

52.1-176

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	12/09/2014	ND	400	100	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	703	10.0	12/10/2014	ND	188	93.9	200	0.211	
DRO >C10-C28	1840	10.0	12/10/2014	ND	201	100	200	0.909	
Surrogate: 1-Chlorooctane	102	% 47.2-15	7						

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Surrogate: 1-Chlorooctadecane

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	12/08/2014	Sampling Date:	12/05/2014
Reported:	12/15/2014	Sampling Type:	Soil
Project Name:	SAND 7 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7 - T18S - R31E		

Sample ID: S-7 2' (H403734-18)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.054	0.050	12/11/2014	ND	1.98	98.9	2.00	4.25	
Toluene*	0.378	0.050	12/11/2014	ND	1.97	98.7	2.00	4.01	
Ethylbenzene*	0.433	0.050	12/11/2014	ND	1.89	94.4	2.00	3.87	
Total Xylenes*	0.810	0.150	12/11/2014	ND	5.72	95.3	6.00	3.73	
Total BTEX	1.67	0.300	12/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 104 % 61-154

82.3 %

52.1-176

mg	/kg	Analyze	d By: AP					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	12/09/2014	ND	400	100	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/10/2014	ND	188	93.9	200	0.211	
100	10.0	12/10/2014	ND	201	100	200	0.909	
87.2	% 47.2-15	7						
	Result <16.0 mg, Result <10.0 100	<16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 100 10.0	Result Reporting Limit Analyzed <16.0	ResultReporting LimitAnalyzedMethod Blank<16.0	Result Reporting Limit Analyzed Method Blank BS <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <16.0

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Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Sheldon Hitchcock

From:	eticket@nm811.org
Sent:	Monday, December 15, 2014 4:21 PM
To:	Sheldon Hitchcock
Subject:	DO NOT REPLY: Request 2014510660

New Mexico One Call Locate Request Confirmation Header Code: STANDARD LOCATE Request Type: Ticket No: 2014510660 Seq. No: 0 Update of: Original Call Date: 12/15/2014 Time: 04:18:15 PM OP: 240 Transmit Date: 12/15/2014 Time: 04:20:31 PM Work to Begin Date: 12/17/2014 Time: 04:18:00 PM

Company:TALON LPEContact Name:SHELDON HITCHCOCKContact Phone: (575)689-5198Alternate Contact:KIMBERLY WILSONAlternate Phone: (575)602-3826Best Time to Call:Fax No:Cell Phone:Pager No:Email:shitchcock@talonlpe.com

State: NM County: EDDY City: RURAL EDDY Address: , SAND 7 FED #1 To Address: Nearest Intersecting Street: 2nd Intersecting Street: Subdivision: Latitude: 32.75988200 Longitude: -103.90950500 Zip Code: Grid:

Location of Work: W1412151558070 FROM US-82 & CR-222, DRIVE S ON 222 FOR 2.8MI, R ON LEASE RD, CONT ON MAIN LEASE RD FOR 1.33MI, TRN L, GO 0.2MI R, GO 0.2MI L, GO 0.53MI R, GO 0.17MI TURN R TO LOCATION. SPOT BATTERY AND NNW OF BATTERY FOR 200-FEET.

Remarks: MARKED IN WHITE LAT:32.75989 LONG:-103.90954

Type of Work: SOIL SAMPLING Private Property: Street: Overhead Lines: Blasting: Mechanical Boring: Premarked: Υ Easement: Work Being Done For: DEVON ENERGY The following utility owners have been notified: NAVA PENA LIN FFS TW07 DEVN

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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APPENDIX V

PHOTOGRAPHIC DOCUMENTATION

Released to Imaging: 1/24/2023 7:33:50 AM

Devon Energy Sand 7 Fed 1

PHOTO DOCUMENTATION



West Side





East Side





Liner View



•



APPENDIX VI

Laboratory Data

Released to Imaging: 1/24/2023 7:33:50 AM



October 05, 2020

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: SANDS 7 FED 1

Enclosed are the results of analyses for samples received by the laboratory on 09/30/20 11:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is 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,

Celecz D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 1 0-1' R (H002582-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	240	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	115	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	95.2	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 2 0-1' (H002582-02)

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	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.0	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 2 2' R (H002582-03)

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	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.9	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 3 0-1' (H002582-04)

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	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	95.9	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	83.8	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.3	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 3 1.5' R (H002582-05)

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	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	23.7	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	14.5	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	92.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.5	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


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Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 4 0-1' R (H002582-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	97.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.3	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 5 0-1' R (H002582-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	92.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.7	% 42.2-15	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 6 0' R (H002582-08)

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	10/01/2020	ND	2.14	107	2.00	0.547	
Toluene*	<0.050	0.050	10/01/2020	ND	2.07	103	2.00	1.25	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.10	105	2.00	1.56	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.13	102	6.00	1.42	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	38.3	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	23.2	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	95.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.4	% 42.2-15	6						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: S - 7 0' R (H002582-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2020	ND	2.19	110	2.00	0.301	
Toluene*	<0.050	0.050	10/01/2020	ND	2.11	105	2.00	0.696	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.18	109	2.00	0.947	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.38	106	6.00	0.883	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	199	99.5	200	1.68	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	182	90.9	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	87.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.0	% 42.2-15	6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: BG - 1 0' (H002582-10)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2020	ND	2.19	110	2.00	0.301	
Toluene*	<0.050	0.050	10/02/2020	ND	2.11	105	2.00	0.696	
Ethylbenzene*	<0.050	0.050	10/02/2020	ND	2.18	109	2.00	0.947	
Total Xylenes*	<0.150	0.150	10/02/2020	ND	6.38	106	6.00	0.883	
Total BTEX	<0.300	0.300	10/02/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	204	102	200	1.25	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	204	102	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.6	% 42.2-15	6						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: BG - 2 0' (H002582-11)

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	10/01/2020	ND	2.19	110	2.00	0.301	
Toluene*	<0.050	0.050	10/01/2020	ND	2.11	105	2.00	0.696	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.18	109	2.00	0.947	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.38	106	6.00	0.883	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	204	102	200	1.25	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	204	102	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	93.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.1	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: BG - 3 0' (H002582-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2020	ND	2.19	110	2.00	0.301	
Toluene*	<0.050	0.050	10/01/2020	ND	2.11	105	2.00	0.696	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.18	109	2.00	0.947	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.38	106	6.00	0.883	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	204	102	200	1.25	
DRO >C10-C28*	<10.0	10.0	10/01/2020	ND	204	102	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	94.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.2	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/30/2020	Sampling Date:	09/29/2020
Reported:	10/05/2020	Sampling Type:	Soil
Project Name:	SANDS 7 FED 1	Sampling Condition:	Cool & Intact
Project Number:	700794.363.01	Sample Received By:	Yvonne Muniz
Project Location:	DEVON ENERGY - EDDY CO NM		

Sample ID: BG - 4 0' (H002582-13)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2020	ND	2.19	110	2.00	0.301	
Toluene*	<0.050	0.050	10/01/2020	ND	2.11	105	2.00	0.696	
Ethylbenzene*	<0.050	0.050	10/01/2020	ND	2.18	109	2.00	0.947	
Total Xylenes*	<0.150	0.150	10/01/2020	ND	6.38	106	6.00	0.883	
Total BTEX	<0.300	0.300	10/01/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/01/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2020	ND	204	102	200	1.25	
DRO >C10-C28*	45.8	10.0	10/01/2020	ND	204	102	200	4.35	
EXT DRO >C28-C36	33.3	10.0	10/01/2020	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.4	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 1/8/2021 10:36:07 AM

Sampler - UPS - Bus - Other: 3.9 4/1/3 Gres - Cool Infact (Initial Cool Infact) 't Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	Time:	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquished By: Date: U (36/2) Phone Result Image: Time: Fax Result	PLEASE NOTE: Lability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to be amount paid by the client for the service. In no event shall Cardinal to liable client or the whatsoever shall be deemed waived unless made in writing and received by the client for the service. In no event shall Cardinal to liable client or the table to client or the table to client or the table to client for the service. In no event shall Cardinal to client client for the service.	0 34		25.5 0.1 R	6 5-4 0-1'R	S 5-3 1,5'R	4 5-3 0-1"	3 2-2 2'R	2 5-2 0-1	N.1-0 1-5 1	Sam		FOR LAB USE ONLY	IL CDDY COU	Project Provide Provide Provide Project Provide Provid	10,00	Project #: 7 15-146 -8168 Fax #:	Bhon M. CAL		Address Wanager: R. PONS	Printing Name: TALON UPE	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Sample Condition Cool Intact The Tes No No fax written changes to (57)	Received By:	without limitation, business interruptions, loss indinal, regardless of whether such claim is but Received By:	y claim arising whether based in contract or semed walved unless made in writing and rec									V	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	n. MATRIX				er: DEVON ENERGY		Zip: 88 210				8240 \$76
ED BY: als)	Run R	on, business interruptions, loss of unore, ury equinatian wrutin strating after completion of sess of whether such claim is based upon any of the above stated reasons or other 3d By: Phone R. Fax Rear	brit, shall be limited to the amount paid be rever by Cardinal within an amount paid by								- 1-24-20		OTHER : ACID/BASE: ICE / COOL DTHER : DATE	PRESERV. SAMPLING	Fax #:	Phone #:	State: Zip:	City:		Attn: TOM BYNUM	Company: DEVON	P.O. #: 20890433	BILLED	
Pb lord	T MC	t: Ves No	130	1:15	1:10		12,15	12:10	17:30	12:25	_		BTEX TPH TOTAL CHL		21	DE	5			>				UDY-UD-UUSIUDY
	d'I Fax#:	Add'l Phone #:																		~		ANALYSIS REQUEST		AND ANALYSIS REQUEST

α.

Sampler - UPS - Bus - Other: 3.9 4/1/3 Cool Infact (Infact Infact) * Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	Walk Bate: Clouds of the sub calms of the sub calms is the sub ca	PLEASE NOTE: Lability and Damages. Candina's lability and client's exclusive remedy for any claim arising whether based in contract or furt, shall be imited to the amount paid by the client for the service. In no vent shall Cardina's lability and client's exclusive remedy for any claim arising whether based in contract or furt, shall be imited to the amount paid by the client for the service. In no vent shall Cardina's lability and client's exclusive remedy for any claim arising whether based in contract or furt, shall be imited to the amount paid by the client for the service. In no vent shall Cardina's lability and clients or consequential damages, shall be deemed valved under valved in writing and received by Cardinal within 30 days after completion of the applicable	13 Br 4 0'	GROUN	Sor (C)OM TAINERS NDWATER WATER	FOR LAB USE ONLY MATRIX		Project Name: SANDS 7 555	Phone *: 575-746 -8768 Fax *:		Address: 4a0 1.1 To a	Company Name: TALON UPE	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	
575) 393-2326	a <u>n. regardless</u> of whether such claim is based upon any of the above stated reasons or cherwise. acceived By: Control By: Pione Result: <u>Yes</u> <u>No</u> Add'I Phone #: <u>Fax Result: Yes</u> <u>No</u> Add'I Fax #: REMARKS: <u>Yes</u> <u>No</u> Add'I Fax #:	at or fort, shall be limited to the amount paid by the client for the applicable of		OTHER ACID/BA ICE / CO OTHER DATE TIME BTE	: SE: OL	PRESERV. SAMPLING	Zip:	City:	Address.	Company: DE vo N	P.O. #: 20 9 Ont 33 ANALYSIS REQUEST			CHAIN-OF-CUSTODY AND ANALYSIS DECLIEST

Released to Imaging: 1/24/2023 7:33:50 AM_





November 20, 2020

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Sand 7 Fed 1

OrderNo.: 2011762

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 3 sample(s) on 11/14/2020 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 qualifiers 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 #NM0901

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab Order 2011762

Date Reported: 11/20/2020

CLIENT: Talon Artesia				ample II			
Project: Sand 7 Fed 1 Lab ID: 20117(2 001	Matrice SOII	(/13/2020 8:43:00 AM	
Lab ID: 2011762-001	Matrix: SOIL		Recei	ved Dat	e: 11/	/14/2020 7:37:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	99	60		mg/Kg	20	11/18/2020 3:33:50 PM	56558
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	BRM
Diesel Range Organics (DRO)	340	95		mg/Kg	10	11/18/2020 2:53:47 AM	56467
Motor Oil Range Organics (MRO)	860	480		mg/Kg	10	11/18/2020 2:53:47 AM	56467
Surr: DNOP	0	30.4-154	S	%Rec	10	11/18/2020 2:53:47 AM	56467
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	24	D	mg/Kg	5	11/19/2020 5:10:03 AM	56468
Surr: BFB	92.9	75.3-105	D	%Rec	5	11/19/2020 5:10:03 AM	56468
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.12	D	mg/Kg	5	11/18/2020 2:24:01 AM	56468
Toluene	ND	0.24	D	mg/Kg	5	11/18/2020 2:24:01 AM	56468
Ethylbenzene	ND	0.24	D	mg/Kg	5	11/18/2020 2:24:01 AM	56468
Xylenes, Total	ND	0.49	D	mg/Kg	5	11/18/2020 2:24:01 AM	56468
Surr: 4-Bromofluorobenzene	95.1	80-120	D	%Rec	5	11/18/2020 2:24:01 AM	56468

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 9

Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2011762

Date Reported: 11/20/2020

CLIENT: Talon Artesia		Cl	ient Sa	ample II	D: S-3	3 0.5'	
Project: Sand 7 Fed 1		(Collect	tion Dat	e: 11/	/13/2020 8:40:00 AM	
Lab ID: 2011762-002	Matrix: SOIL		Recei	ved Dat	e: 11	/14/2020 7:37:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	250	60		mg/Kg	20	11/18/2020 3:46:14 PM	56558
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst:	BRM
Diesel Range Organics (DRO)	160	93		mg/Kg	10	11/18/2020 3:17:42 AM	56467
Motor Oil Range Organics (MRO)	660	460		mg/Kg	10	11/18/2020 3:17:42 AM	56467
Surr: DNOP	0	30.4-154	S	%Rec	10	11/18/2020 3:17:42 AM	56467
EPA METHOD 8015D: GASOLINE RANG	E					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	11/19/2020 11:41:30 AM	56468
Surr: BFB	90.4	75.3-105	D	%Rec	5	11/19/2020 11:41:30 AM	56468
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Benzene	ND	0.12	D	mg/Kg	5	11/18/2020 2:47:22 AM	56468
Toluene	ND	0.25	D	mg/Kg	5	11/18/2020 2:47:22 AM	56468
Ethylbenzene	ND	0.25	D	mg/Kg	5	11/18/2020 2:47:22 AM	56468
Xylenes, Total	ND	0.50	D	mg/Kg	5	11/18/2020 2:47:22 AM	56468
Surr: 4-Bromofluorobenzene	96.0	80-120	D	%Rec	5	11/18/2020 2:47:22 AM	56468

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 9

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2011762

Date Reported: 11/20/2020

CLIENT: Talon Artesia			ient Sample II		G-1 0.5' /13/2020 8:46:00 AM	
Project: Sand 7 Fed 1 Lab ID: 2011762-003	Matrix: SOIL	,			/13/2020 8:40:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	1000	60	mg/Kg	20	11/18/2020 3:58:38 PM	56558
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	mb
Diesel Range Organics (DRO)	210	9.6	mg/Kg	1	11/18/2020 11:35:50 AM	56505
Motor Oil Range Organics (MRO)	300	48	mg/Kg	1	11/18/2020 11:35:50 AM	56505
Surr: DNOP	111	30.4-154	%Rec	1	11/18/2020 11:35:50 AM	56505
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/19/2020 12:05:08 PM	56468
Surr: BFB	88.9	75.3-105	%Rec	1	11/19/2020 12:05:08 PM	56468
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.025	mg/Kg	1	11/18/2020 3:10:43 AM	56468
Toluene	ND	0.049	mg/Kg	1	11/18/2020 3:10:43 AM	56468
Ethylbenzene	ND	0.049	mg/Kg	1	11/18/2020 3:10:43 AM	56468
Xylenes, Total	ND	0.098	mg/Kg	1	11/18/2020 3:10:43 AM	56468
Surr: 4-Bromofluorobenzene	94.6	80-120	%Rec	1	11/18/2020 3:10:43 AM	56468

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit
- RL

Page 3 of 9

Client: Project:	Talon Artesia Sand 7 Fed 1							
Sample ID: MB-56	558 SampTy	/pe: MBLK	Tes	tCode: EPA Method	300.0: Anions			
Client ID: PBS	Batch	ID: 56558	F	RunNo: 73446				
Prep Date: 11/18	Analysis Da	ate: 11/18/2020	S	SeqNo: 2587359	Units: mg/Kg			
Analyte	Result	PQL SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5						
Sample ID: LCS-50	S558 SampTy	/pe: LCS	Tes	tCode: EPA Method	300.0: Anions			
Client ID: LCSS	Batch	ID: 56558	F	RunNo: 73446				
Prep Date: 11/18	Analysis Da	ate: 11/18/2020	S	SeqNo: 2587360	Units: mg/Kg			
Analyte	Result	PQL SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5 15.00	0	94.2 90	110			

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 9

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2011762

20-Nov-20

WO#:

Released to Imaging: 1/24/2023 7:33:50 AM

Talon Artesia

Sand 7 Fed 1

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

eased to Imaging: 1/24/2023 7:33:50 AM
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Ouali	fiers:
~	Value avecade Maximum Conteminant Level

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL

Page 5 of 9

Reporting Limit

Sample ID: LCS-56505	SampType: LCS	S	Tes	tCode: EP	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch ID: 56505 RunNo: 73426					5	J		
Prep Date: 11/17/2020	Analysis Date: 11			SeqNo: 25		Units: mg/K	a		
				•			•		0
Analyte Diesel Range Organics (DRO)	Result PQL 47 10	SPK value 50.00	SPK Ref Val	%REC 94.1	LowLimit 70	HighLimit 130	%RPD	RPDLimit	Qual
Surr: DNOP	4,6	5.000	0	94.1	30.4	150			
	-								
Sample ID: MB-56505	SampType: MB	LK				8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID: 565	05	F	RunNo: 73	3426				
Prep Date: 11/17/2020	Analysis Date: 11/	/17/2020	5	SeqNo: 25	585500	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO)	ND 50	10.00			<u> </u>				
Surr: DNOP	9.7	10.00		96.7	30.4	154			
Sample ID: LCS-56467	SampType: LCS	8	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch ID: 564	67	F	RunNo: 73	8413				
Prep Date: 11/16/2020	Analysis Date: 11/	/17/2020	5	SeqNo: 25	586231	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48 10	50.00	0	95.5	70	130			
Surr: DNOP	2.2	5.000		43.0	30.4	154			
Sample ID: MB-56467	SampType: MB	LK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID: 564	67	F	RunNo: 73	8413				
Prep Date: 11/16/2020	Analysis Date: 11	/17/2020	5	SeqNo: 25	586232	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 10					-			
Motor Oil Range Organics (MRO)	ND 50								
Surr: DNOP	5.6	10.00		56.2	30.4	154			
Sample ID: MB-56518	SampType: MB	LK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID: 565	18	F	RunNo: 73	3443				
Prep Date: 11/18/2020	Analysis Date: 11	/18/2020	5	SeqNo: 25	586506	Units: %Rec	;		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10	10.00		103	30.4	154			

2011762 WO#: 20-Nov-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Talon Art Sand 7 Fe										
Sample ID:	LCS-56518	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID:	LCSS	Batch	n ID: 56	518	F	RunNo: 7	3443				
Prep Date:	11/18/2020	Analysis D)ate: 1 1	1/18/2020	S	SeqNo: 2	586507	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		4.9		5.000		97.0	30.4	154			
Sample ID: 2011762-003AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID:	BG-1 0.5'	Batch	n ID: 56	505	F	RunNo: 7	3443				
Prep Date:	11/17/2020	Analysis D)ate: 1 1	1/18/2020	S	SeqNo: 2	586586	Units: mg/Kg	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	240	9.4	46.95	209.5	57.2	15	184			
Surr: DNOP		6.3		4.695		134	30.4	154			
Sample ID:	2011762-003AMSE) SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID:	BG-1 0.5'	Batch	n ID: 56	505	F	RunNo: 7	3443				
Prep Date:	11/17/2020	Analysis D)ate: 1 1	1/18/2020	S	SeqNo: 2	586587	Units: mg/Kg	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	220	9.6	47.89	209.5	29.3	15	184	5.58	23.9	
Surr: DNOP		6.3		4.789		131	30.4	154	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2011762

20-Nov-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

2011762	WO#:
20-Nov-20	

Client: Talon Ar Project: Sand 7 F							
Sample ID: mb-56468	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: PBS	Batch ID: 56468	TestCode: EPA Method 8015D: Gasoline Range RunNo: 73411					
Prep Date: 11/16/2020	Analysis Date: 11/17/2020	SeqNo: 2585443	Units: mg/Kg				
Analyte		SPK Ref Val %REC LowLimit					
Gasoline Range Organics (GRO)	ND 5.0						
Surr: BFB	890 1000	88.8 75.3	105				
Sample ID: Ics-56468	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: LCSS	Batch ID: 56468	RunNo: 73411					
Prep Date: 11/16/2020	Analysis Date: 11/17/2020	SeqNo: 2585444	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Gasoline Range Organics (GRO)	23 5.0 25.00	0 91.3 72.5	106				
Surr: BFB	1000 1000	101 75.3	105				
Sample ID: MB-56503	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: PBS	Batch ID: 56503	RunNo: 73447					
Prep Date: 11/17/2020	Analysis Date: 11/19/2020	SeqNo: 2586929	Units: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Surr: BFB	930 1000	92.7 75.3	105				
Sample ID: Ics-56503	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: LCSS	Batch ID: 56503	RunNo: 73447					
Prep Date: 11/17/2020	Analysis Date: 11/19/2020	SeqNo: 2586930	Units: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Surr: BFB	1000 1000	104 75.3	105				
Sample ID: mb-56536	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: PBS	Batch ID: 56536	RunNo: 73491	-				
Prep Date: 11/18/2020	Analysis Date: 11/19/2020	SeqNo: 2588062	Units: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Surr: BFB	920 1000	91.9 75.3	105				
Sample ID: Ics-56536	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range				
Client ID: LCSS	Batch ID: 56536	RunNo: 73491					
Prep Date: 11/18/2020	Analysis Date: 11/19/2020	SeqNo: 2588063	Units: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Surr: BFB	1000 1000	100 75.3	105				

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 1/24/2023 7:33:50 AM

Client: Talon A Project: Sand 7 F								
Sample ID: mb-56468	SampType: MBLK		TestCode: E	PA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: 56468		RunNo: 7	3411				
Prep Date: 11/16/2020	Analysis Date: 11/17	/2020	SeqNo: 2	585459	Units: mg/Kg	9		
Analyte	Result PQL SF	PK value SPł	KRef 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	0.96	1.000	95.5	80	120			
Sample ID: LCS-56468	SampType: LCS		TestCode: E	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch ID: 56468		RunNo: 7	3411				
Prep Date: 11/16/2020	Analysis Date: 11/17	/2020	SeqNo: 2	585460	Units: mg/Kg	9		
Analyte	Result PQL SF	PK value SPł	KRef Val %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93 0.025	1.000	0 93.2	80	120			
Toluene	0.95 0.050	1.000	0 95.0	80	120			
Ethylbenzene	0.95 0.050	1.000	0 95.0	80	120			
Xylenes, Total	2.9 0.10	3.000	0 95.1	80	120			
Surr: 4-Bromofluorobenzene	0.98	1.000	98.0	80	120			
Sample ID: LCS-56503	SampType: LCS		TestCode: E	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch ID: 56503		RunNo: 7	3447				
Prep Date: 11/17/2020	Analysis Date: 11/19	/2020	SeqNo: 2	586977	Units: %Rec			
Analyte	Result PQL SF	PK value SPł	K Ref Val %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0	1.000	101	80	120			
Sample ID: MB-56503	SampType: MBLK		TestCode: E	PA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: 56503		RunNo: 7	3447				
Prep Date: 11/17/2020	Analysis Date: 11/19	/2020	SeqNo: 2	586993	Units: %Rec			
Analyte	Result PQL SF	PK value SPł	KRef Val %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0	1.000	100	80	120			
Sample ID: mb-56536	SampType: MBLK		TestCode: E	PA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: 56536			3491				

11/18/2020 Prep Date: Analysis Date: 11/19/2020 SeqNo: 2588108 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit Surr: 4-Bromofluorobenzene 0.98 1.000 98.2 80 120

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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%RPD

RPDLimit

Qual

2011762

20-Nov-20

Client:	Talon Artes	sia									
Project:	Sand 7 Fed	1									
Sample ID: LCS-56536 SampType: LCS TestCode: EPA Method 8021B: Volatiles											
Client ID: LCSS		Batch	D: 56	536	F	RunNo: 7	3491				
Prep Date: 11/18	3/2020 A	nalysis Da	e: 1	1/19/2020	5	SeqNo: 2	588109	Units: %Red	;		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorob	enzene	0.98		1.000		97.9	80	120			

- * Value exceeds Maximum Contaminant Level.
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- P Sample pH Not In Range
- RL Reporting Limit

WO#: 2011762 20-Nov-20

ANALYS	HALL ENVIRONMENTAL ANALYSIS LABORATORY		vironmental Anal 49 Albuquer 05-345-3975 FAX te: clients.hallenv	01 Hawl que, NM 505-34	kins NE (87109 San 5-4107	Sample Log-In Check L			
Client Name: T	alon Artesia	Work Ord	ler Number: 201	1762		RcptNo: 1			
Received By:	Juan Rojas	11/14/2020	7:37:00 AM		Guan Eng				
Completed By:	Juan Rojas	11/14/2020	8:14:10 AM		Guan Eng				
Reviewed By:	A 11/14/20	920			/ 2				
Chain of Custo	dy								
1. Is Chain of Cust	ody complete?		Yes	\checkmark	No 🗌	Not Present			
2. How was the sar	mple delivered?		<u>Cor</u>	rier					
Log In									
3. Was an attempt	made to cool the	samples?	Yes	\checkmark	No 🗌	NA 🗌			
4. Were all samples	s received at a te	mperature of >0° C to 6	0°C Yes	\checkmark	No 🗌				
5. Sample(s) in pro	per container(s)?		Yes	\checkmark	No 🗌				
6. Sufficient sample	volume for indic	ated test(s)?	Yes	\checkmark	No 🗌				
		IG) properly preserved?	Yes	\checkmark	No 🗌				
8. Was preservative			Yes		No 🔽	NA 🗌			
9. Received at least	1 vial with head	space <1/4" for AQ VOA	? Yes		No 🗌	NA 🔽			
10. Were any sample			Yes		No 🗹 🛛				
• • • • • • • • • • • • • • • • • • • •						# of preserved bottles checked			
1. Does paperwork i (Note discrepanci			Yes	\checkmark	No 🗌	for pH:	2 unless noted)		
2. Are matrices corr		2.7	Yes	\checkmark	No 🗌	Adjusted?	z uness noted)		
3. Is it clear what an	5		Yes	 Image: A start of the start of	No 🗌	/_			
4. Were all holding t					No 🗌	Checked by: J	211/14/20		
(If no, notify custo	omer for authoriz	ation.)			Ø	/	,		
Special Handling	g (if applicab	le)							
15. Was client notifie	ed of all discrepa	ncies with this order?	Yes		No 🗌	NA 🔽			
Person Not	tified:		Date						
By Whom:			Via: 🗌 eM	ail 🗔	Phone 🗌 Fax	In Person			
Regarding:	Í T								
Client Instru	2								
16. Additional remar	ks:								
7. <u>Cooler Informat</u> Cooler No	tion Temp ºC Cond	dition Seal Intact Se	al No Seal D	ato	Signed By				
1 0.			unito Seal D	ale	Signed by				
2 0.									

Page 1 of 1

Received by OCD: 1/8/2021 10	:36:07 AM	Page 95 of 104
Hall ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Tel. 505-345-3975 Fax 505-345-4107	(1) (Time: Relinquished by: Received by: Via: Date Time Remarks: 1300 L L MMMML 1/3/30
Turn-Around Time: イークタイ 皮 Standard コ Rush Project Name: SAND T FED # / Project #: T00194, 3ん3, 01	Project Manager: R.Pous Sampler: MLCHAEL COLLIER On Ice: - 276s D No # of Coolers: 2 Cooler Temp(ineluding cF): CollectieR Container Type and # Type Container Preservative Container Preservative CollectieR Container Preservative CollectieR Co	Received by: Via: Date Time Received by: Via: Date Time Received by: Dist. Na: Date Time Cost. ev Ultul 20 71 37 Cost. ev Ultul 20 71 37
Chain-of-Custody Record Client: TALON LPE Mailing Address: 408 W.TEXAS AVE. ARTESIA, NM 88210 Phone #: 575-7442 8768	email or Fax#: QA/QC Package: Calitation: Date Accreditation: Date Co Date Time Matrix (I-I3:Jb 8:43 501L 8:46	Date: Time: Relinquished by: 13/20 1370 A A Date: Time: Relinquished by: 113/30 1900 QUUUUUUU Introversary, samples submitted to Hall Environmental may be sub



December 16, 2020

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Sand 7 Fed 1

OrderNo.: 2012523

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/10/2020 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 qualifiers 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 #NM0901

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2012523

Date Reported: 12/16/2020

CLIENT: Talon Artesia		Cl	ient Sample II	D:SS	SW-COMP					
Project: Sand 7 Fed 1	Collection Date: 12/8/2020 12:30:00 PM									
Lab ID: 2012523-001	Matrix: SOIL		Received Date: 12/10/2020 8:00:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst:	VP				
Chloride	240	61	mg/Kg	20	12/13/2020 9:54:04 PM	56964				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	BRM				
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	12/11/2020 1:51:42 PM	56913				
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	12/11/2020 1:51:42 PM	56913				
Surr: DNOP	134	30.4-154	%Rec	1	12/11/2020 1:51:42 PM	56913				
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA				
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	12/12/2020 8:35:20 PM	56906				
Surr: BFB	90.0	75.3-105	%Rec	1	12/12/2020 8:35:20 PM	56906				
EPA METHOD 8021B: VOLATILES					Analyst:	RAA				
Benzene	ND	0.025	mg/Kg	1	12/12/2020 8:35:20 PM	56906				
Toluene	ND	0.050	mg/Kg	1	12/12/2020 8:35:20 PM	56906				
Ethylbenzene	ND	0.050	mg/Kg	1	12/12/2020 8:35:20 PM	56906				
Xylenes, Total	ND	0.10	mg/Kg	1	12/12/2020 8:35:20 PM	56906				
Surr: 4-Bromofluorobenzene	88.5	80-120	%Rec	1	12/12/2020 8:35:20 PM	56906				

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Client: Project:	Talon Artesia Sand 7 Fed 1	L									
Sample ID: MB-5	56964	SampType	: MB	LK	Tes	tCode: EF					
Client ID: PBS		Batch ID	: 569	64	F	unNo: 7	3975				
Prep Date: 12/	13/2020 Ana	alysis Date	: 12/	/13/2020	S	eqNo: 20	609319	Units: mg/Kg			
Analyte	R	esult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LCS-	-56964	SampType	: LCS	S	Tes	tCode: EF	PA Method	300.0: Anions	6		
Client ID: LCS	S	Batch ID	569	64	F	unNo: 73	3975				
Prep Date: 12/*	13/2020 Ana	alysis Date	: 12/	/13/2020	S	eqNo: 20	609320	Units: mg/Kg			
Analyte	R	esult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.9	90	110			

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
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- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2012523

16-Dec-20

	Artesia 7 Fed 1											
Sample ID: MB-56913	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch	n ID: 56	913	F	RunNo: 73941							
Prep Date: 12/10/2020	Analysis D	Date: 12	2/11/2020	S	eqNo: 20	608563	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND	10										
Motor Oil Range Organics (MRO)	ND	50										
Surr: DNOP	10		10.00		101	30.4	154					
Sample ID: LCS-56913	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: LCSS	Batch	n ID: 56	913	F	RunNo: 7							
Prep Date: 12/10/2020	Analysis D)ate: 12	2/12/2020	S	eqNo: 2	609395	Units: mg/k	ſg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	56	10	50.00	0	112	70	130					
Surr: DNOP	5.1		5.000		101	30.4	154					

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2012523

16-Dec-20

Client: Talon A Project: Sand 7 I													
Sample ID: Ics-56906	SampT	ype: LC	S	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batch	n ID: 569	906	F	RunNo: 73	3970							
Prep Date: 12/10/2020	Analysis D	ate: 12	2/12/2020	S	eqNo: 20	609029	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.8	72.5	106						
Surr: BFB	990		1000		99.2	75.3	105						
Sample ID: mb-56906	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e				
Client ID: PBS	Batch	n ID: 569	906	F	RunNo: 73	3970							
Prep Date: 12/10/2020	Analysis D	ate: 12	2/12/2020	S	eqNo: 20	609031	Units: mg/K	(g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	ND	5.0											
Surr: BFB	880		1000		87.7	75.3	105						

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2012523

16-Dec-20

Talon Artesia

Sand 7 Fed 1

Client:

Project:

Sample ID: LCS-56906

SampType: LCS

	•									
Client ID: LCSS	Batcl	h ID: 569	906	F	RunNo: 73	3970				
Prep Date: 12/10/2020	Analysis E	Date: 12	/12/2020	S	eqNo: 20	609081	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.9	80	120			
Toluene	0.98	0.050	1.000	0	97.8	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.1	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.1	80	120			
Sample ID: mb-56906	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volat	tiles		
Sample ID: mb-56906 Client ID: PBS	•	ype: ME h ID: 56			tCode: EF		8021B: Volat	tiles		
	•	h ID: 569	906	F		3970	8021B: Volat			
Client ID: PBS	Batcl	h ID: 569	906 2/12/2020	F	RunNo: 73	3970			RPDLimit	Qual
Client ID: PBS Prep Date: 12/10/2020	Batcl Analysis [h ID: 569 Date: 12	906 2/12/2020	F	RunNo: 73 SeqNo: 26	3970 609083	Units: mg/K	ſg	RPDLimit	Qual
Client ID: PBS Prep Date: 12/10/2020 Analyte	Batcl Analysis D Result	h ID: 569 Date: 12 PQL	906 2/12/2020	F	RunNo: 73 SeqNo: 26	3970 609083	Units: mg/K	ſg	RPDLimit	Qual
Client ID: PBS Prep Date: 12/10/2020 Analyte Benzene	Batcl Analysis E Result ND	h ID: 56 Date: 12 PQL 0.025	906 2/12/2020	F	RunNo: 73 SeqNo: 26	3970 609083	Units: mg/K	ſg	RPDLimit	Qual
Client ID: PBS Prep Date: 12/10/2020 Analyte Benzene Toluene	Batcl Analysis E Result ND ND	h ID: 569 Date: 12 PQL 0.025 0.050	906 2/12/2020	F	RunNo: 73 SeqNo: 26	3970 609083	Units: mg/K	ſg	RPDLimit	Qual
Client ID: PBS Prep Date: 12/10/2020 Analyte Benzene Toluene Ethylbenzene	Batcl Analysis E Result ND ND ND	h ID: 569 Date: 12 PQL 0.025 0.050 0.050	906 2/12/2020	F	RunNo: 73 SeqNo: 26	3970 609083	Units: mg/K	ſg	RPDLimit	Qual

TestCode: EPA Method 8021B: Volatiles

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е
- J Analyte detected below quantitation limits
- RL
- Value above quantitation range
- Р Sample pH Not In Range
 - Reporting Limit

- WO#: 2012523
 - 16-Dec-20

Clie		ATORY			EL: 505-345-3	4901 Ha Albuquerque, 3975 FAX: 505 ts.hallenvironm	-345-4107	Page 1 Sample Log-In Check List				
	ent Name:	Talon Arte	sia	Worl	Order Num	ber: 2012523	3		RcptNo: 1			
Rece	eived By:	Scott And	ierson	12/10/2	2020 8:00:00) AM						
Com	npleted By:	Desiree D	ominguez)	12/10/2	2020 9:11:2	5 AM	1-	Po				
Revi	viewed By: 5	GL 1	2/10/28	D								
Cha	nin of Cust	<u>ody</u>										
1. Is	s Chain of Cu	stody comp	lete?			Yes 🖌	1	No 🗌	Not Present			
2. H	low was the s	ample deliv	vered?			<u>Courier</u>						
	g In Vas an attemp	ot made to d	cool the sampl	es?		Yes 🗹	٢	10 🗌				
4. W	lere all sampl	es received	at a temperat	ture of >0° C	to 6.0°C	Yes 🔽	١	10				
5. Sa	ample(s) in p	roper conta	iner(s)?			Yes 🗹	٢	10 🗌				
6. Su	ufficient samp	le volume f	or indicated te	st(s)?		Yes 🗹	N	o 🗌				
7. Are	re samples (e	xcept VOA	and ONG) pro	perly preserv	ed?	Yes 🖌	N	o 🗌				
8. Wa	as preservati	ve added to	bottles?			Yes 🗌	Ν	0 🗸	NA 🗌			
9. Re	eceived at lea	st 1 vial wit	h headspace ·	<1/4" for AQ \	/OA?	Yes 🗌	N	o 🗌	NA 🔽			
10. W	lere any sam	ole containe	ers received bi	roken?		Yes 🗌	Ν	10 🗹	# of preserved	/		
	oes paperwor lote discrepar		ttle labels? ain of custody)			Yes 🗹	N	o 🗌	bottles checked for pH: (<2 or ≥1	2 unless noted)		
			tified on Chair			Yes 🖌	N	o 🗌	Adjusted?	,		
13. ls i	it clear what a	analyses we	ere requested	?		Yes 🔽	N	o 🗌				
	ere all holding no, notify cus					Yes 🗹	Ν	o 🗆	Checked by: J	212/10/20		
Speci	ial Handlir	ng (if app	olicable)									
15.W	/as client noti	fied of all di	screpancies w	vith this order	?	Yes 🗌	Ν	lo 🗌	NA 🗹			
	Person N	otified:			Date	J						
	By Whon	n:	[Via:	eMail	Phone	Fax	In Person			
	Regardin											
16		tructions:										
16. A	Additional rem	arks:										
17. <u>c</u>	Cooler Inform	ation										
f	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signe	d By				
		0.7 0.1	Good Good				_		-			

Page 1 of 1

HALL ENVIRONMENTAL ANALYSIS LABORATORY	www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109	505-345-3975 Fax 505-345-4107	Allalysis request	⁺OS '' SI	bo' MIS0	(1.40) 728 70 827 801 801 801 801 801 801 801 801 801 801	-VO 1031 1031	etho y 83 ir, 1 (AO)	8081 Ped EDB (M PAHs b RCRA 5 (2h)F, B 8220 (V 8220 (S Total Co						arks: Please cc the following via email: Dadkins@talonlpe.com Rpons@talonlpe.com Bsinclair@talonlpe.com	analytical
	4901	Tel.	Same - Carl	(OAN	1/08		ชอ)	US I	8081 D.	7					Remarks: Dadki Rpon Bsinc	ssibility. Any
Turn-Around Time: □ Standard DRush X Druy Project Name:	Sand 7 fed #1		100144.3165.01		Kebecca Pons	Sampler: 3 Stytes	P) -> Sce Remarks	Cooler Temp(inatuaing ce). 1	Container Preservative 2012523	Aux alle -001 v	2				Received by: Via: Date Time R Received by: Via: Date Time Date Time	
	4U0 VV I eXas St Mailing Address: Artesia, NM 88210		5	email or Fax#: (575) 746-8905	Standard In Validation)	Accreditation: a Az Compliance a NFI AC	D EDD (Type)		Date Time Matrix Sample Name	Norman - CUSS NEVEL 8161					Date: Time: Relinquished by: 27,9 1100 3/4 114 345 Date: Time: Relinquished by: 13,9100 1900 111111111	If necessary, samples submitted to Hall Environmental may be subcontracted to

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
Talon LPE	329944
408 W Texas	Action Number:
Artesia, NM 88210	14272
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
bhall	None	1/24/2023

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Action 14272