

Incident ID	nHMP1420224891
District RP	2RP-2378
Facility ID	
Application ID	

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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Env. Professional
 Signature: *Dale Woodall* Date: 2/21/2023
 email: dale.woodall@dn.com Telephone: 575-748-1838

OCD Only

Received by: OCD Date: 2/21/2023

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: *Ashley Maxwell* Date: 2/24/2023
 Printed Name: Ashley Maxwell Title: Environmental Specialist

DEVON ENERGY
Todd 22 Federal #2 Battery

Closure Report

U/L B, Section 22, T23S, R31E
Eddy County, New Mexico

2RP-2378

May 28, 2020



Prepared for:

Devon Energy
6488 Seven Rivers Hwy
Artesia, NM 88210

By:

Safety & Environmental Solutions, Inc.
703 East Clinton
Hobbs, New Mexico 88240
(575) 397-0510

Company Contacts

Representative	Company	Telephone	E-mail
Tom Bynum	Devon Energy	580-748-1613	Tom.Bynum@dvn.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was contracted by Devon Energy to assess an old spill at the Todd 22 Federal #2 Battery dated from July of 2014. This site is situated in U/L B, Section 22, Township 23S and Range 31E, in Eddy County New Mexico. Talon LPE was originally contracted to assess and clean up the spill; however closure was never either attempted or achieved.

According to the C-141, a 2 phase separator plugged sending all of the fluid to the top of the tank, overflowing it. The overflow resulted in an oil and produced water leak of 117 bbls. A vacuum truck recovered 115 bbls of fluid.

Surface and Ground Water

According to the NMOCD Oil and Gas Map, there is no surface water within 3,000 feet of this location and spill area. Based on the trend map and the USGS web interface, depth to groundwater in this area is over 100 feet; however, since there are no wells within a ½ mile of the spill area, SESI will ensure the most stringent closure criteria are met.

Characterization

This site was delineated by Talon LPE in 2014 and a workplan was submitted to NMOCD in July of 2014. On August 07, 2014, Mike Bratcher of NMOCD approved the work plan.

Work Performed

Talon completed the remediation efforts outlined in the approved work plan, but did not provide clean up photos or confirmation sampling of the remediated area. Therefore, Devon requested confirmation sampling be performed by SESI to determine if the release area had been, in fact, remediated properly.

In May of 2019, SESI discovered during their investigative efforts that the remediation had been completed. This was evident through the confirmation sampling performed of the area. Five samples were obtained at the surface and 1 foot throughout the leak area. SESI obtained confirmation samples at or near the original sample points conducted by Talon and added an extra sample point for more thorough investigative efforts. We did this to show that in the places they had showed the area to be contaminated, SESI confirmation samples provided proof that the areas are now clean. The samples were properly preserved and sent to Cardinal Laboratories for analyzation. The results of the sampling are captured in the table below:

Devon Energy Todd 22 Federal #2 Battery Soil Sample Results: Cardinal Laboratories 5/20/19									
SAMPLE ID	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total BTEX	Chlorides	TPH GRO	TPH DRO	EXT DRO
AH1 @ Surface	<0.050	<0.050	<0.050	<0.150	<0.300	320	<10.0	<10.0	<10.0
AH1 @ 1'	<0.050	<0.050	<0.050	<0.150	<0.300	112	<10.0	<10.0	<10.0
AH2 @ Surface	<0.050	<0.050	<0.050	<0.150	<0.300	320	<10.0	<10.0	<10.0
AH2 @ 1'	<0.050	<0.050	<0.050	<0.150	<0.300	96	<10.0	<10.0	<10.0
AH3 @ Surface	<0.050	<0.050	<0.050	<0.150	<0.300	288	<10.0	<10.0	<10.0
AH3 @ 1'	<0.050	<0.050	<0.050	<0.150	<0.300	96	<10.0	<10.0	<10.0
AH4 @ Surface	<0.050	<0.050	<0.050	<0.150	<0.300	320	<10.0	<10.0	<10.0
AH4 @ 1'	<0.050	<0.050	<0.050	<0.150	<0.300	112	<10.0	<10.0	<10.0
AH5 @ Surface	<0.050	<0.050	<0.050	<0.150	<0.300	96	<10.0	<10.0	<10.0
AH5 @ 1'	<0.050	<0.050	<0.050	<0.150	<0.300	128	<10.0	10.9	<10.0

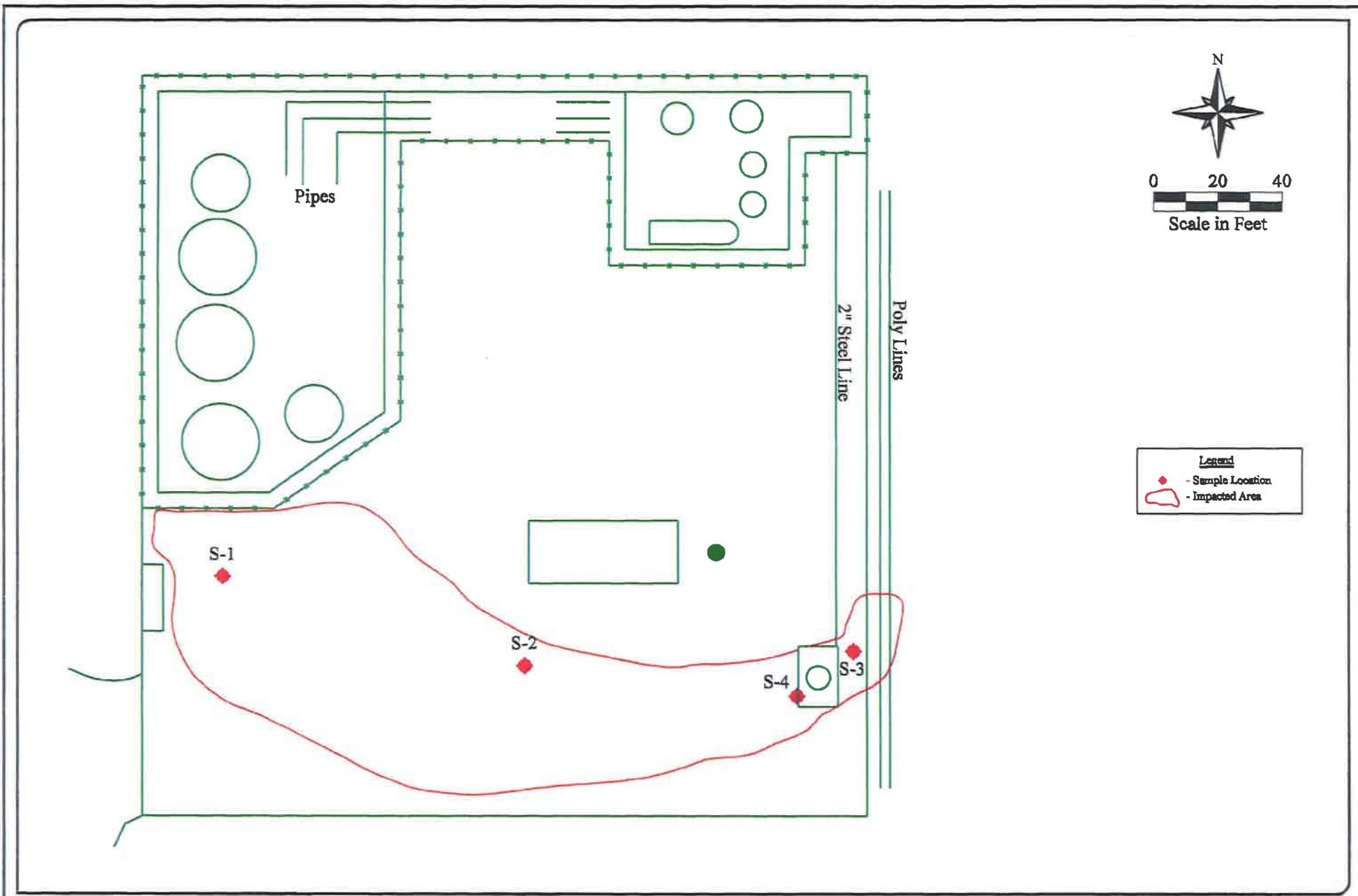
Closure Request

Based on the results of the laboratory analysis above conducted through investigative efforts, SESI believes this spill has been completely remediated. Therefore, on behalf of Devon, SESI requests closure approval for this release.

Photo documentation of the remediated area prior to backfill and a remediation activities description is not available for this release. Since the leak and remediation were performed approximately six years ago, photos are not available because they were not required at that time. The same is true for a remediation description. At this time, SESI can only offer confirmation sampling as evidence of the clean up.

Supplemental and Supporting Documentation

- Evidence Document 1: Original Talon Map of leak area with sampling point locations
- Evidence Document 1: Map of leak area denoting confirmation sample point locations
- Evidence Document 2: Laboratory results of the confirmation sampling
- Evidence Document 3: Page 6 of the C-141 for closure



Date: 07/22/2014
 Scale: 1" = 40'
 Drawn By: TJS

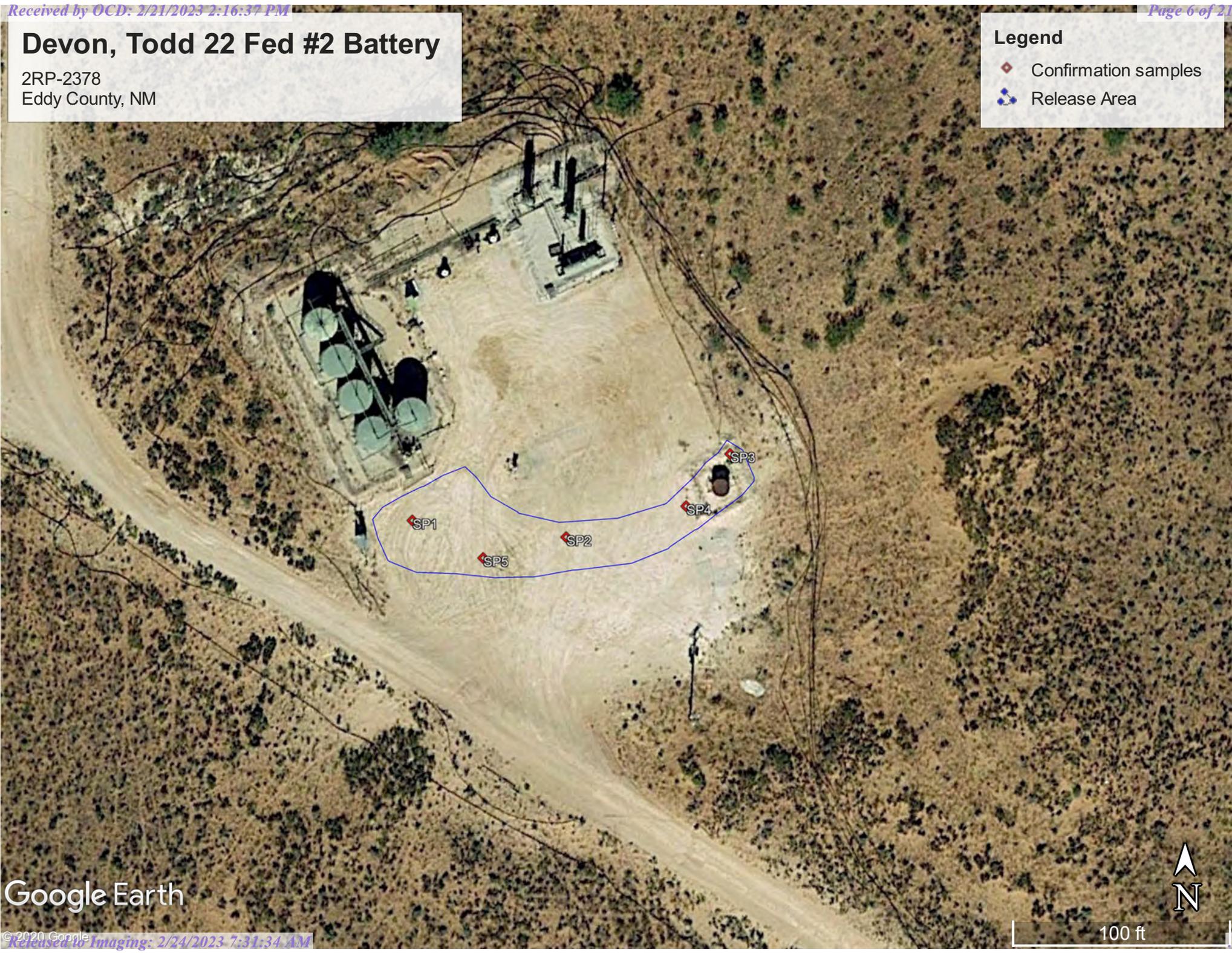
Todd 22-2 Battery
 Devon Energy Corporation
 Eddy County, New Mexico
 Figure 1 - Site Plan

Devon, Todd 22 Fed #2 Battery

2RP-2378
Eddy County, NM

Legend

- ◆ Confirmation samples
- ⬢ Release Area



Google Earth



100 ft



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

May 29, 2019

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: TODD 22 B FED #2

Enclosed are the results of analyses for samples received by the laboratory on 05/21/19 10:10.

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

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 1 SURFACE (H901818-01)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/29/2019	ND	416	104	400	3.92	

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	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 87.0 % 41-142

Surrogate: 1-Chlorooctadecane 96.3 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
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 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 1 1' (H901818-02)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/29/2019	ND	416	104	400	3.92	

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	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 86.2 % 41-142

Surrogate: 1-Chlorooctadecane 95.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 2 SURFACE (H901818-03)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 89.2 % 41-142

Surrogate: 1-Chlorooctadecane 97.9 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 2 1' (H901818-04)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 90.2 % 41-142

Surrogate: 1-Chlorooctadecane 98.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
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Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 3 SURFACE (H901818-05)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 87.7 % 41-142

Surrogate: 1-Chlorooctadecane 95.2 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 3 1' (H901818-06)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 89.0 % 41-142

Surrogate: 1-Chlorooctadecane 96.7 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 4 SURFACE (H901818-07)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 86.9 % 41-142

Surrogate: 1-Chlorooctadecane 95.4 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 4 1' (H901818-08)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 88.2 % 41-142

Surrogate: 1-Chlorooctadecane 96.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 5 SURFACE (H901818-09)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/24/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/24/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/24/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/24/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	10.9	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 85.6 % 41-142

Surrogate: 1-Chlorooctadecane 95.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	05/21/2019	Sampling Date:	05/20/2019
Reported:	05/29/2019	Sampling Type:	Soil
Project Name:	TODD 22 B FED #2	Sampling Condition:	Cool & Intact
Project Number:	DEV - 19 - 007 / 2 RP - 2378	Sample Received By:	Tamara Oldaker
Project Location:	DEVON		

Sample ID: AH - 5 1' (H901818-10)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2019	ND	1.99	99.4	2.00	3.36	
Toluene*	<0.050	0.050	05/25/2019	ND	2.14	107	2.00	3.40	
Ethylbenzene*	<0.050	0.050	05/25/2019	ND	2.04	102	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/25/2019	ND	6.13	102	6.00	1.39	
Total BTEX	<0.300	0.300	05/25/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/29/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2019	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	05/23/2019	ND	253	127	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	05/23/2019	ND					

Surrogate: 1-Chlorooctane 86.8 % 41-142

Surrogate: 1-Chlorooctadecane 92.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Chain-of-Custody Record

Client: Safety + Environmental
SOLUTION

Mailing Address: 703 E. Clinton
16665 NW 8824s

Phone #: 575-397-0510

email or Fax#: _____
 QA/QC Package: Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time: 5 Day Rush
 Standard Rush

Project Name: Auler

Project #: DDDD 22B FLD AZ
DEV-19-007
2 REP- 2378

Project Manager: Allen Bob

Sampler: Sam Jones
 On Ice: Yes No

of Coolers: _____
 Cooler Temp (including CP): _____

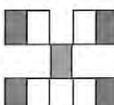
Container Type and # _____
 Preservative Type None

HEAL No. _____

Date	Time	Matrix	Sample Name
<u>10/5/20</u>	<u>0925</u>	<u>S</u>	<u>AH-1 Surface</u>
<u>2</u>	<u>0940</u>	<u>S</u>	<u>AH-1 1F</u>
<u>3</u>	<u>0950</u>	<u>S</u>	<u>AH-2 Surface</u>
<u>4</u>	<u>1005</u>	<u>S</u>	<u>AH-2 1F</u>
<u>5</u>	<u>1015</u>	<u>S</u>	<u>AH-3 Surface</u>
<u>6</u>	<u>1025</u>	<u>S</u>	<u>AH-3 1F</u>
<u>7</u>	<u>1040</u>	<u>S</u>	<u>AH-4 Surface</u>
<u>8</u>	<u>1055</u>	<u>S</u>	<u>AH-4 1F</u>
<u>9</u>	<u>1105</u>	<u>S</u>	<u>AH-5 Surface</u>
<u>10</u>	<u>1120</u>	<u>S</u>	<u>AH-5 1F</u>

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
<u>10/5/20</u>	<u>800</u>	<u>Sam Jones</u>	<u>Sam Jones</u>	<u>Hand</u>	<u>5-21-19</u>	<u>10:10</u>

Remarks:
<u>BTX / MTBE / TMB's (8021)</u>
<u>TPH:8015D(GRO / DRO / MRO)</u>
<u>8081 Pesticides/8082 PCB's</u>
<u>EDB (Method 504.1)</u>
<u>PAHs by 8310 or 8270SIMS</u>
<u>RCRA 8 Metals</u>
<u>Cl, F, Br, NO₃, NO₂, PO₄, SO₄</u>
<u>8260 (VOA)</u>
<u>8270 (Semi-VOA)</u>
<u>Total Coliform (Present/Absent)</u>
<u>Chlorides</u>



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107
 Analysis Request

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

S.O.C #97 7e.

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Tom Bynum Date: _____

email: _____ Telephone: _____

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: _____ Date: _____

Printed Name: _____ Title: _____

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
 Action 188879

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 188879
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/24/2023