

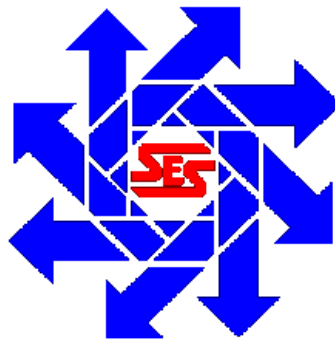
**Cameron
State Q #004**

Work Plan

**U/L F, Section 30, T16S, R37E
Lea County, New Mexico**

NRM2034533903

April 20, 2021



Prepared for:

**Cameron Oil & Gas
PO Box 1089
Eunice, NM 88231**

By:

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

Company Contacts

Representative	Company	Telephone	E-mail
Mike Pilcher	Cameron Oil & Gas	575-263-3028	mpilcher@cameronoil.net
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was contracted by Cameron Oil & Gas to assess a spill at the State Q #4 location. This site is situated in U/L F, Section 30, Township 16S and Range 37E, in Lea County New Mexico.

According to the C-141 for incident NRM2034533903, a routine inspection revealed a long term release around the well head. No fluids were recovered as this appears to be a historical leak. The inspection ID# for this incident is IEZB2029046321.

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. Depth to groundwater determination was not successfully established based on the guidelines required by NMOCD; therefore, Cameron Oil & Gas will remediate this spill according to the most stringent criteria set forth by NMOCD in NMAC 19.15.29.

Characterization

In April of 2021, SESI personnel, along with a subcontractor, collected samples at the well spill area. This spill area is very small but the ground at this location is extremely difficult to penetrate as it is all very hard rock and boulders. Furthermore, the well is very old (1960s) and potentially frail. Six sample points were advanced, including two vertical samples and four horizontal samples, properly packaged and preserved, and sent to Hall Environmental laboratories to be analyzed. The results of the analyzation are captured in the table below:

Cameron Oil & Gas State Q #004 Soil Sample Results: Hall Environmental Laboratories 4/2/21								
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
AH1 @ SURFACE	2400	13000	13000	160	ND	ND	ND	ND
AH2 @ SURFACE	1100	27000	26000	53	0.13	0.84	1.3	1.4
HORIZONTAL SAMPLES								
H- NORTH	ND	23	67	ND	ND	ND	ND	ND
H-EAST	ND	21	62	ND	ND	ND	ND	ND
H-SOUTH	ND	ND	ND	ND	ND	ND	ND	ND
H-WEST	ND	ND	ND	ND	ND	ND	ND	ND

Remediation Plan

For the area around the well, SESI proposes to only perform a cosmetic clean up of this area. Vertical extent of this area is simply not achievable. After a detailed discussion during a teleconference with Mike Bratcher of NMOCD, it was determined that extensive cleanup of this area is not realistic nor feasible. Due to the potentially fragile condition of the well (which was drilled in the 1960s), combined with the extreme hardness of the ground, excavation poses a dangerous safety threat. The only way to properly excavate the surface level rock would be to use a jack hammer or hammer hoe. The vibrations from these machines would potentially cause extensive damage to the well bore/casing. Therefore, it is strongly recommended by Mr. Bratcher and Bob Allen of SESI to only perform a cosmetic cleanup until this well is plugged.




Supplemental and Supporting Documentation

- Evidence Document 1: Map of Spill area
- Evidence Document 2: NMOCD Oil and Gas Topo map detailing area water features
- Evidence Document 3: BLM Cave Karst map showing location in low potential area
- Evidence Document 4: FEMA demonstrating minimal flood hazards for this area
- Evidence Document 5: Lab analysis
- Evidence Document 6: C-141, pgs. 3-5 for NRM2034533903
- Evidence Document 9: Photos depicting age of well with evidence of rocky surface

Cameron Oil & Gas, State Q #004

NRM2034533903

Legend

-  Horizontal extent samples
-  Spill Area (blue)
-  Vertical extent samples

30

H-NORTH

AH-1

H-EAST

H-WEST

AH-2

H-SOUTH

16S 37E

Google Earth



100 ft

Cameron Oil & Gas, State Q #4



4/19/2021, 4:45:38 PM

Wells - Large Scale

?

 undefined

●

 Miscellaneous

✱

 CO2, Active

✱

 CO2, Cancelled

✱

 CO2, New

✱

 CO2, Plugged

✱

 CO2, Temporarily Abandoned

✱

 Gas, Active

✱

 Gas, Cancelled

✱

 Gas, New

✱

 Gas, Plugged

✱

 Gas, Temporarily Abandoned

✱

 Injection, Active

✱

 Injection, Cancelled

✱

 Injection, New

✱

 Injection, Plugged

✱

 Injection, Temporarily Abandoned

●

 Oil, Active

●

 Oil, Cancelled

●

 Oil, New

●

 Oil, Plugged

●

 Oil, Temporarily Abandoned

△

 Salt Water Injection, Active

△

 Salt Water Injection, Cancelled

△

 Salt Water Injection, New

△

 Salt Water Injection, Plugged

△

 Salt Water Injection, Temporarily Abandoned

●

 Water, Active

●

 Water, Cancelled

●

 Water, New

●

 Water, Plugged

●

 Water, Temporarily Abandoned

★

 OCD District Offices

1:9,028

00.070.150.30.6

00.150.30.6

mi

km

Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD


New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

Cameron Oil & Gas, State Q #4

NRM2034533903

Legend

 Low potential



National Flood Hazard Layer FIRMMette



103°17'53"W 32°53'54"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
		Area of Minimal Flood Hazard <i>Zone X</i>
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/19/2021 at 6:49 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



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

April 12, 2021

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX: (575) 393-4388

RE: Cameron State Q4

OrderNo.: 2104118

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/3/2021 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2104118

Date Reported: 4/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-1 Surface

Project: Cameron State Q4

Collection Date: 4/2/2021 9:05:00 AM

Lab ID: 2104118-001

Matrix: SOIL

Received Date: 4/3/2021 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2400	150		mg/Kg	50	4/9/2021 9:38:50 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	13000	980		mg/Kg	100	4/7/2021 12:09:42 AM	59218
Motor Oil Range Organics (MRO)	13000	4900		mg/Kg	100	4/7/2021 12:09:42 AM	59218
Surr: DNOP	0	70-130	S	%Rec	100	4/7/2021 12:09:42 AM	59218
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	160	100	D	mg/Kg	20	4/8/2021 5:32:00 PM	59206
Surr: BFB	166	70-130	SD	%Rec	20	4/8/2021 5:32:00 PM	59206
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.50	D	mg/Kg	20	4/8/2021 5:32:00 PM	59206
Toluene	ND	0.50	D	mg/Kg	20	4/8/2021 5:32:00 PM	59206
Ethylbenzene	1.2	0.50	D	mg/Kg	20	4/8/2021 5:32:00 PM	59206
Xylenes, Total	1.6	1.5	D	mg/Kg	20	4/8/2021 5:32:00 PM	59206
Surr: 4-Bromofluorobenzene	102	70-130	D	%Rec	20	4/8/2021 5:32:00 PM	59206

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2104118

Date Reported: 4/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-2 Surface

Project: Cameron State Q4

Collection Date: 4/2/2021 9:25:00 AM

Lab ID: 2104118-002

Matrix: SOIL

Received Date: 4/3/2021 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1100	60		mg/Kg	20	4/9/2021 3:20:08 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	27000	950		mg/Kg	100	4/7/2021 12:38:33 AM	59218
Motor Oil Range Organics (MRO)	26000	4700		mg/Kg	100	4/7/2021 12:38:33 AM	59218
Surr: DNOP	0	70-130	S	%Rec	100	4/7/2021 12:38:33 AM	59218
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	53	25		mg/Kg	5	4/8/2021 6:12:00 PM	59206
Surr: BFB	163	70-130	S	%Rec	5	4/8/2021 6:12:00 PM	59206
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	0.13	0.12		mg/Kg	5	4/8/2021 6:12:00 PM	59206
Toluene	0.84	0.25		mg/Kg	5	4/8/2021 6:12:00 PM	59206
Ethylbenzene	1.3	0.25		mg/Kg	5	4/8/2021 6:12:00 PM	59206
Xylenes, Total	1.4	0.50		mg/Kg	5	4/8/2021 6:12:00 PM	59206
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5	4/8/2021 6:12:00 PM	59206

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2104118

Date Reported: 4/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-6 North

Project: Cameron State Q4

Collection Date: 4/2/2021 9:40:00 AM

Lab ID: 2104118-003

Matrix: SOIL

Received Date: 4/3/2021 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	4/9/2021 3:32:28 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	23	9.9		mg/Kg	1	4/7/2021 10:16:46 AM	59218
Motor Oil Range Organics (MRO)	67	50		mg/Kg	1	4/7/2021 10:16:46 AM	59218
Surr: DNOP	92.8	70-130		%Rec	1	4/7/2021 10:16:46 AM	59218
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/8/2021 6:52:00 PM	59206
Surr: BFB	94.2	70-130		%Rec	1	4/8/2021 6:52:00 PM	59206
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	4/8/2021 6:52:00 PM	59206
Toluene	ND	0.048		mg/Kg	1	4/8/2021 6:52:00 PM	59206
Ethylbenzene	ND	0.048		mg/Kg	1	4/8/2021 6:52:00 PM	59206
Xylenes, Total	ND	0.097		mg/Kg	1	4/8/2021 6:52:00 PM	59206
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	4/8/2021 6:52:00 PM	59206

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2104118

Date Reported: 4/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-7 East

Project: Cameron State Q4

Collection Date: 4/2/2021 9:55:00 AM

Lab ID: 2104118-004

Matrix: SOIL

Received Date: 4/3/2021 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	4/9/2021 4:09:30 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	21	9.7		mg/Kg	1	4/7/2021 10:54:54 AM	59218
Motor Oil Range Organics (MRO)	62	48		mg/Kg	1	4/7/2021 10:54:54 AM	59218
Surr: DNOP	84.9	70-130		%Rec	1	4/7/2021 10:54:54 AM	59218
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/8/2021 7:12:00 PM	59206
Surr: BFB	95.2	70-130		%Rec	1	4/8/2021 7:12:00 PM	59206
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	4/8/2021 7:12:00 PM	59206
Toluene	ND	0.050		mg/Kg	1	4/8/2021 7:12:00 PM	59206
Ethylbenzene	ND	0.050		mg/Kg	1	4/8/2021 7:12:00 PM	59206
Xylenes, Total	ND	0.099		mg/Kg	1	4/8/2021 7:12:00 PM	59206
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	4/8/2021 7:12:00 PM	59206

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2104118

Date Reported: 4/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-8 South

Project: Cameron State Q4

Collection Date: 4/2/2021 10:10:00 AM

Lab ID: 2104118-005

Matrix: SOIL

Received Date: 4/3/2021 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	4/9/2021 4:21:51 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	4/7/2021 1:26:41 AM	59218
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/7/2021 1:26:41 AM	59218
Surr: DNOP	79.9	70-130		%Rec	1	4/7/2021 1:26:41 AM	59218
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/8/2021 7:32:00 PM	59206
Surr: BFB	93.7	70-130		%Rec	1	4/8/2021 7:32:00 PM	59206
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	4/8/2021 7:32:00 PM	59206
Toluene	ND	0.050		mg/Kg	1	4/8/2021 7:32:00 PM	59206
Ethylbenzene	ND	0.050		mg/Kg	1	4/8/2021 7:32:00 PM	59206
Xylenes, Total	ND	0.099		mg/Kg	1	4/8/2021 7:32:00 PM	59206
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	4/8/2021 7:32:00 PM	59206

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2104118

Date Reported: 4/12/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-9 West

Project: Cameron State Q4

Collection Date: 4/2/2021 10:30:00 AM

Lab ID: 2104118-006

Matrix: SOIL

Received Date: 4/3/2021 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	4/9/2021 4:34:11 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/7/2021 1:36:35 AM	59218
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/7/2021 1:36:35 AM	59218
Surr: DNOP	63.7	70-130	S	%Rec	1	4/7/2021 1:36:35 AM	59218
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/8/2021 7:52:00 PM	59206
Surr: BFB	95.4	70-130		%Rec	1	4/8/2021 7:52:00 PM	59206
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	4/8/2021 7:52:00 PM	59206
Toluene	ND	0.049		mg/Kg	1	4/8/2021 7:52:00 PM	59206
Ethylbenzene	ND	0.049		mg/Kg	1	4/8/2021 7:52:00 PM	59206
Xylenes, Total	ND	0.098		mg/Kg	1	4/8/2021 7:52:00 PM	59206
Surr: 4-Bromofluorobenzene	89.1	70-130		%Rec	1	4/8/2021 7:52:00 PM	59206

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2104118

12-Apr-21

Client: Safety & Environmental Solutions**Project:** Cameron State Q4

Sample ID: MB-59301	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 59301	RunNo: 76565								
Prep Date: 4/8/2021	Analysis Date: 4/9/2021	SeqNo: 2712617	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-59301	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 59301	RunNo: 76565								
Prep Date: 4/8/2021	Analysis Date: 4/9/2021	SeqNo: 2712618	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

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 Quantitative 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 7 of 10

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2104118

12-Apr-21

Client: Safety & Environmental Solutions**Project:** Cameron State Q4

Sample ID: MB-59218	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 59218	RunNo: 76466								
Prep Date: 4/5/2021	Analysis Date: 4/6/2021	SeqNo: 2709912 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	9.9		10.00		98.8	70	130			

Sample ID: LCS-59218	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 59218	RunNo: 76466								
Prep Date: 4/5/2021	Analysis Date: 4/6/2021	SeqNo: 2709915 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	100	68.9	141			
Surr: DNOP	4.8		5.000		95.8	70	130			

Sample ID: MB-59242	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 59242	RunNo: 76528								
Prep Date: 4/6/2021	Analysis Date: 4/7/2021	SeqNo: 2711249 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		102	70	130			

Sample ID: LCS-59242	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 59242	RunNo: 76528								
Prep Date: 4/6/2021	Analysis Date: 4/7/2021	SeqNo: 2711250 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		102	70	130			

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 Quantitative 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 8 of 10

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2104118

12-Apr-21

Client: Safety & Environmental Solutions**Project:** Cameron State Q4

Sample ID: lcs-59206	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 59206			RunNo: 76543						
Prep Date: 4/5/2021	Analysis Date: 4/8/2021			SeqNo: 2712940		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.8	78.6	131			
Surr: BFB	1000		1000		105	70	130			

Sample ID: mb-59206	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 59206			RunNo: 76543						
Prep Date: 4/5/2021	Analysis Date: 4/8/2021			SeqNo: 2712941		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	950		1000		95.5	70	130			

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2104118

12-Apr-21

Client: Safety & Environmental Solutions**Project:** Cameron State Q4

Sample ID: lcs-59206	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 59206			RunNo: 76543						
Prep Date: 4/5/2021	Analysis Date: 4/8/2021			SeqNo: 2712991		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.3	80	120			
Toluene	0.94	0.050	1.000	0	94.0	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.8	70	130			

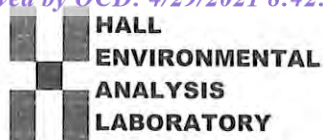
Sample ID: mb-59206	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 59206			RunNo: 76543						
Prep Date: 4/5/2021	Analysis Date: 4/8/2021			SeqNo: 2712992		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		89.9	70	130			

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

Sample Log-In Check List

Client Name: **Safety & Environmental Solutions**

Work Order Number: **2104118**

RcptNo: **1**

Received By: **Desiree Dominguez** **4/3/2021 9:10:00 AM**

Completed By: **Desiree Dominguez** **4/3/2021 9:44:42 AM**

Reviewed By: *[Signature]* **4/6/21**

[Signature]

[Signature]

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: **DAD 4.3.21**

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record						
Client:		Safety & Environmental Solutions				
Mailing Address:		703 E Clinton Cobles NM 88240				
Phone #:		575-397-0510				
email or Fax#:						
QA/QC Package:		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)				
Accreditation:		<input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other _____				
<input type="checkbox"/> EDD (Type) _____						
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
04/02	0905	S	AH-1 Surface	1	Jar	-001
	0925	S	AH-2 Surface	1	Pot	-002
	0940	S	AH-6 North	1		-003
	0955	S	AH-7 East	1		-004
	1010	S	AH-8 South	1		-005
04/02	1030	S	AH-9 West	1		-006
Date:	Time:	Relinquished by:	Received by: Via: Date Time			
04/02	1600	[Signature]	[Signature] 4/2/21 1600			
Date:	Time:	Relinquished by:	Received by: Via: Date Time			
4/2/21	1900	[Signature]	Courier 4-3-21 9:10			

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.

Form C-141

Page 3

State of New Mexico
Oil Conservation Division

Incident ID	NRM2034533903
District RP	
Facility ID	
Application ID	

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

What is the shallowest depth to groundwater beneath the area affected by the release?	UNKNOWN (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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
- ☒ 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.

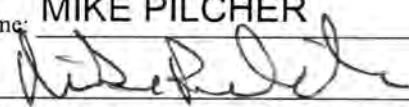
Form C-141

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2034533903
District RP	
Facility ID	
Application ID	

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: MIKE PILCHER Title: SUPERINTENDENT
Signature:  Date: 4/20/21
email: MPILCHER@CAMERONOIL.NET Telephone: 575-263-3028

OCD Only

Received by: _____ Date: _____

Form C-141

Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2034533903
District RP	
Facility ID	
Application ID	

Remediation Plan

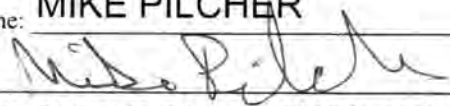
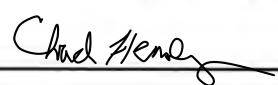
Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: **MIKE PILCHER**Title: **SUPERINTENDENT**Signature: Date: **4/20/21**email: **MPILCHER@CAMERONOIL.NET**Telephone: **575-263-3028****OCD Only**Received by: **Chad Hensley** Date: **07/30/2021**☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Date: **07/30/2021**





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 26213

CONDITIONS

Operator: Safety & Environmental Solutions, Inc. PO Box 1613 Hobbs, NM 88240	OGRID: 329088
	Action Number: 26213
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Remediation plan is approved. Please submit a deferral C-141 when remediation activities are concluded.	7/30/2021