Cameron
State Q #003

Work Plan

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

NRM2034455815

April 16, 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 #3 location. This site is situated in U/L E, Section 30, Township 16S and Range 37E, in Lea County New Mexico.

According to the C-141 for incident NRM2034455815, a routine inspection revealed extensive staining from an apparent release of hydrocarbons and produced water near the well head. No fluids were recovered as this appears to be a historical leak. The inspection ID# for this incident is IEZB2029045721.

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, were 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 #003 Soil Sample Results: Hall Environmental Laboratories 4/2/21								
SAMPLE ID	**Chloride**	**DRO**	**MRO**	**GRO**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**
AH1 @ SURFACE	**14000**	**14000**	**8300**	ND	ND	ND	ND	ND
AH1 @ 1’	**14000**	**6500**	**4700**	ND	ND	ND	ND	ND
AH2 @ SURFACE	**1700**	**3700**	**6300**	ND	ND	ND	ND	ND
HORIZONTAL SAMPLES								
H- NORTH	ND	ND	ND	ND	ND	ND	ND	ND
H-EAST	ND	ND	ND	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

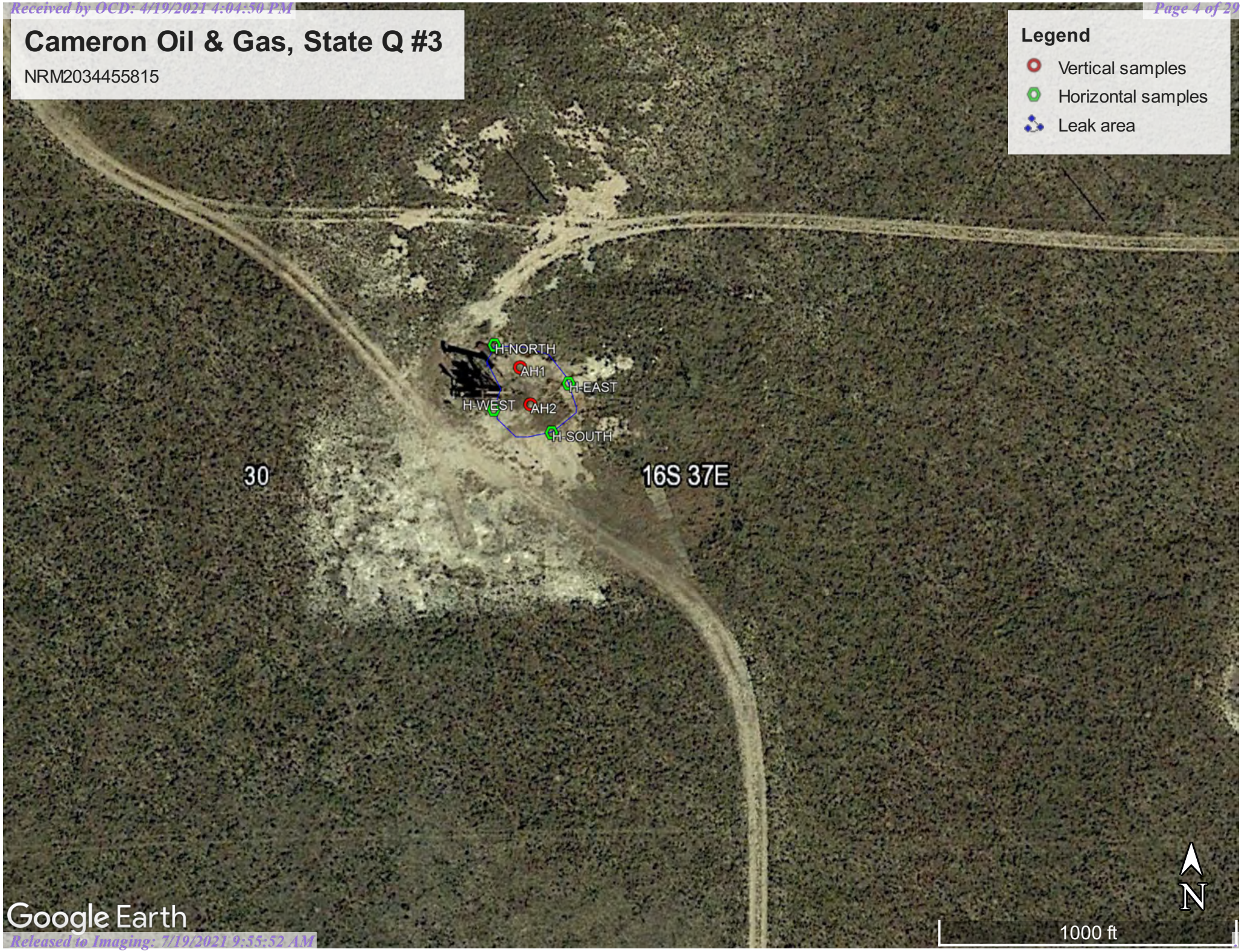
For the area around the well, SESI proposes to only perform a cosmetic clean up of this area. Vertical extent of this area is simply not achievable. After a detailed discussion during a teleconference with Mike Bratcher of NMOCD, it was determined that extensive cleanup of this area is not realistic 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

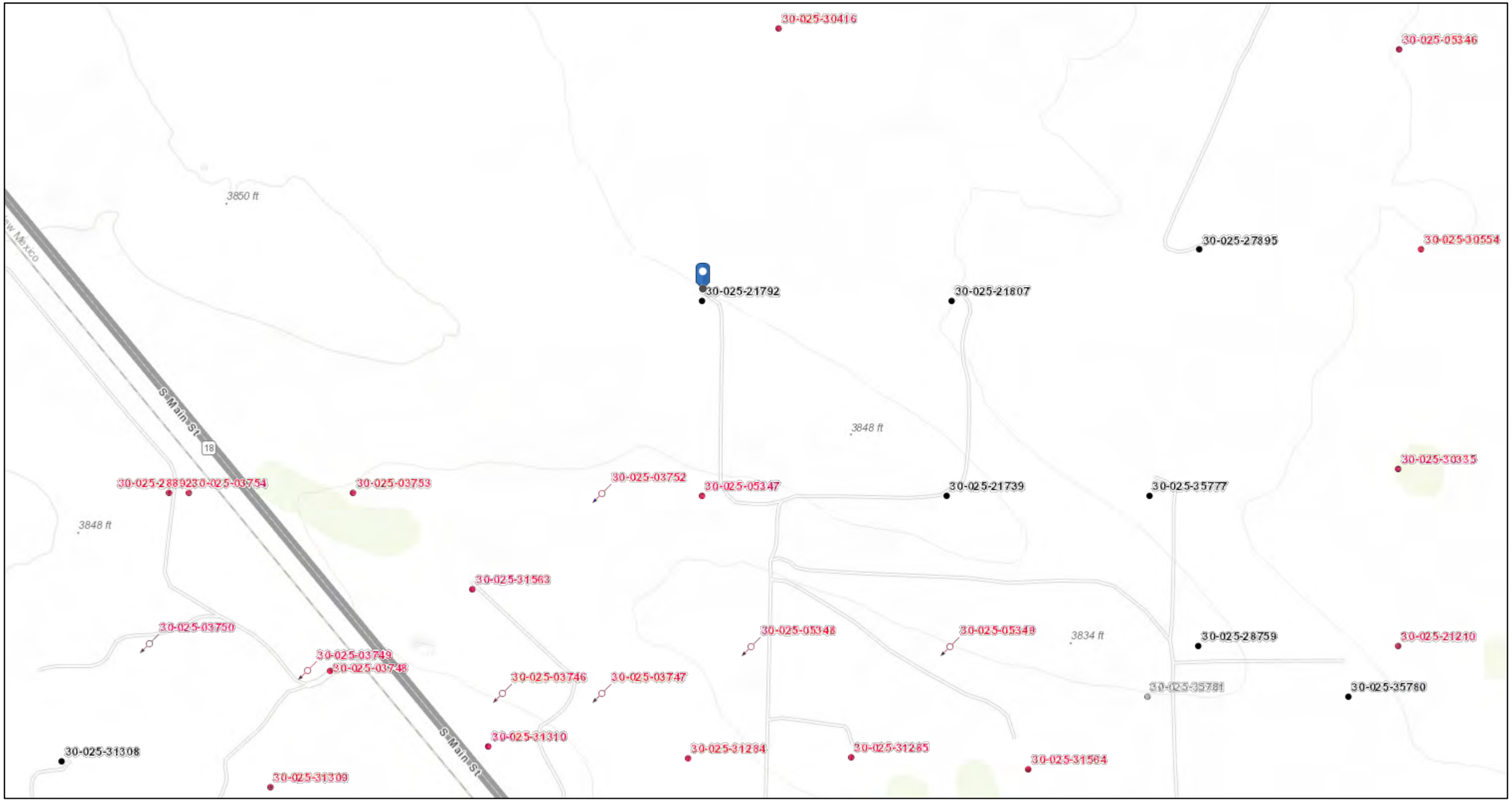
Evidence Document 1: Map of Spill area
Evidence Document 2: NMOCD Oil and Gas Topo map detailing area water features
Evidence Document 3: BLM Cave Karst map showing location in low potential area
Evidence Document 4: FEMA demonstrating minimal flood hazards for this area
Evidence Document 5: Lab analysis
Evidence Document 6: C-141, pgs. 3-5 for NRM2034455815
Evidence Document 9: Photos depicting age of well with evidence of rocky surface

Cameron Oil & Gas, State Q #3

NRM2034455815



Cameron Oil & Gas, State Q #3



4/16/2021, 3:26:11 PM

1:9,028

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

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

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 #3

NRM2034455815

National Flood Hazard Layer FIRMette

FEMA

103°18'12"W 32°53'54"N

103°17'35"W 32°53'23"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- 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 *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 4/16/2021 at 4:40 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

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 Q3 OrderNo.: 2104117

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 7 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2104117**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: AH-1 Surface
Project: Cameron State Q3
Collection Date: 4/2/2021 10:40:00 AM
Lab ID: 2104117-001 **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	14000	600		mg/Kg	200	4/9/2021 3:58:32 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	14000	960		mg/Kg	100	4/6/2021 10:12:36 PM	59218
Motor Oil Range Organics (MRO)	8300	4800		mg/Kg	100	4/6/2021 10:12:36 PM	59218
Surr: DNOP	0	70-130	S	%Rec	100	4/6/2021 10:12:36 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	98	D	mg/Kg	20	4/8/2021 1:34:00 PM	59206
Surr: BFB	112	70-130	D	%Rec	20	4/8/2021 1:34:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.49	D	mg/Kg	20	4/8/2021 1:34:00 PM	59206
Toluene	ND	0.49	D	mg/Kg	20	4/8/2021 1:34:00 PM	59206
Ethylbenzene	ND	0.49	D	mg/Kg	20	4/8/2021 1:34:00 PM	59206
Xylenes, Total	ND	1.5	D	mg/Kg	20	4/8/2021 1:34:00 PM	59206
Surr: 4-Bromofluorobenzene	92.5	70-130	D	%Rec	20	4/8/2021 1:34:00 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104117**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: AH-1 1FT
Project: Cameron State Q3
Collection Date: 4/2/2021 10:45:00 AM
Lab ID: 2104117-002 **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	14000	600		mg/Kg	200	4/9/2021 4:10:57 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	6500	99		mg/Kg	10	4/7/2021 11:42:36 AM	59218
Motor Oil Range Organics (MRO)	4700	490		mg/Kg	10	4/7/2021 11:42:36 AM	59218
Surr: DNOP	0	70-130	S	%Rec	10	4/7/2021 11:42:36 AM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	4/8/2021 2:14:00 PM	59206
Surr: BFB	124	70-130		%Rec	5	4/8/2021 2:14:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.12		mg/Kg	5	4/8/2021 2:14:00 PM	59206
Toluene	ND	0.24		mg/Kg	5	4/8/2021 2:14:00 PM	59206
Ethylbenzene	ND	0.24		mg/Kg	5	4/8/2021 2:14:00 PM	59206
Xylenes, Total	ND	0.49		mg/Kg	5	4/8/2021 2:14:00 PM	59206
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	5	4/8/2021 2:14:00 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104117**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: AH-2 Surface
Project: Cameron State Q3
Collection Date: 4/2/2021 10:55:00 AM
Lab ID: 2104117-003 **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:	**MRA**
Chloride	1700	60		mg/Kg	20	4/8/2021 9:27:15 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	3700	990		mg/Kg	100	4/6/2021 11:01:23 PM	59218
Motor Oil Range Organics (MRO)	6300	4900		mg/Kg	100	4/6/2021 11:01:23 PM	59218
Surr: DNOP	0	70-130	S	%Rec	100	4/6/2021 11:01:23 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	4/8/2021 2:54:00 PM	59206
Surr: BFB	114	70-130		%Rec	5	4/8/2021 2:54:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.12		mg/Kg	5	4/8/2021 2:54:00 PM	59206
Toluene	ND	0.24		mg/Kg	5	4/8/2021 2:54:00 PM	59206
Ethylbenzene	ND	0.24		mg/Kg	5	4/8/2021 2:54:00 PM	59206
Xylenes, Total	ND	0.48		mg/Kg	5	4/8/2021 2:54:00 PM	59206
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	5	4/8/2021 2:54:00 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104117**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-6 North
Project: Cameron State Q3
Collection Date: 4/2/2021 11:10:00 AM
Lab ID: 2104117-004 **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: **MRA**	
Chloride	ND	60		mg/Kg	20	4/8/2021 9:39:41 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/6/2021 11:30:28 PM	59218
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/6/2021 11:30:28 PM	59218
Surr: DNOP	94.1	70-130		%Rec	1	4/6/2021 11:30:28 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/8/2021 3:34:00 PM	59206
Surr: BFB	90.9	70-130		%Rec	1	4/8/2021 3:34:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	4/8/2021 3:34:00 PM	59206
Toluene	ND	0.050		mg/Kg	1	4/8/2021 3:34:00 PM	59206
Ethylbenzene	ND	0.050		mg/Kg	1	4/8/2021 3:34:00 PM	59206
Xylenes, Total	ND	0.099		mg/Kg	1	4/8/2021 3:34:00 PM	59206
Surr: 4-Bromofluorobenzene	83.3	70-130		%Rec	1	4/8/2021 3:34:00 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104117**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-7 East
Project: Cameron State Q3
Collection Date: 4/2/2021 11:20:00 AM
Lab ID: 2104117-005 **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 2:06:02 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/6/2021 11:40:18 PM	59218
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/6/2021 11:40:18 PM	59218
Surr: DNOP	103	70-130		%Rec	1	4/6/2021 11:40:18 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/8/2021 3:53:00 PM	59206
Surr: BFB	92.7	70-130		%Rec	1	4/8/2021 3:53:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	4/8/2021 3:53:00 PM	59206
Toluene	ND	0.048		mg/Kg	1	4/8/2021 3:53:00 PM	59206
Ethylbenzene	ND	0.048		mg/Kg	1	4/8/2021 3:53:00 PM	59206
Xylenes, Total	ND	0.095		mg/Kg	1	4/8/2021 3:53:00 PM	59206
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	4/8/2021 3:53:00 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104117**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-8 South
Project: Cameron State Q3
Collection Date: 4/2/2021 11:40:00 AM
Lab ID: 2104117-006 **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 2:43:05 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/6/2021 11:50:07 PM	59218
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/6/2021 11:50:07 PM	59218
Surr: DNOP	74.0	70-130		%Rec	1	4/6/2021 11:50:07 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/8/2021 4:53:00 PM	59206
Surr: BFB	98.6	70-130		%Rec	1	4/8/2021 4:53:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.025		mg/Kg	1	4/8/2021 4:53:00 PM	59206
Toluene	ND	0.049		mg/Kg	1	4/8/2021 4:53:00 PM	59206
Ethylbenzene	ND	0.049		mg/Kg	1	4/8/2021 4:53:00 PM	59206
Xylenes, Total	ND	0.099		mg/Kg	1	4/8/2021 4:53:00 PM	59206
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	4/8/2021 4:53:00 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104117**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-9 West
Project: Cameron State Q3
Collection Date: 4/2/2021 11:55:00 AM
Lab ID: 2104117-007 **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 2:55:26 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/6/2021 11:59:55 PM	59218
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/6/2021 11:59:55 PM	59218
Surr: DNOP	90.1	70-130		%Rec	1	4/6/2021 11:59:55 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/8/2021 5:13:00 PM	59206
Surr: BFB	96.1	70-130		%Rec	1	4/8/2021 5:13:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.024		mg/Kg	1	4/8/2021 5:13:00 PM	59206
Toluene	ND	0.048		mg/Kg	1	4/8/2021 5:13:00 PM	59206
Ethylbenzene	ND	0.048		mg/Kg	1	4/8/2021 5:13:00 PM	59206
Xylenes, Total	ND	0.096		mg/Kg	1	4/8/2021 5:13:00 PM	59206
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	4/8/2021 5:13:00 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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104117**

12-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q3

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			

Sample ID: **MB-59282** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **59282** RunNo: **76566**

Prep Date: **4/7/2021** Analysis Date: **4/8/2021** SeqNo: **2712682** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-59282** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **59282** RunNo: **76566**

Prep Date: **4/7/2021** Analysis Date: **4/8/2021** SeqNo: **2712683** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	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 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104117**

12-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q3

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 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104117**

12-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q3

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 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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2104117**
12-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q3

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.	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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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: **2104117** RcptNo: 1

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

Completed By: **Desiree Dominguez** **4/3/2021 9:38:33 AM** DD

Reviewed By: CC 4/6/21

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° 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 °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				

Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 703 E. Clinton Hobbs, NM 88240

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
☒ Standard ☐ Rush

Project Name: CAMERON STATE Q #3

Project #: CAM-20-003

Project Manager: Allen, Bob

Sampler: Jose Jimenez

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.9 - 0.1 = 1.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104117	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides
04/02	1040	S	AH-1 Surface	1	Ice Only	-001	X	X									X
	1045	S	AH-1 1ft	1	Only	-002											
	1055	S	AH-2 Surface	1		-003											
	1110	S	H-6 North	1		-004											
	1120	S	H-7 East	1		-005											
	1140	S	H-8 South	1		-006											
04/02	1155	S	H-9 West	1		-007	X	X									X

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
04/02	1600	Jose Jimenez				
4/2/21	1900			Courier	4-3-21	9:10

Remarks:

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	NRM2034455815
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?	☐ 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
- ■ 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
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2034455815
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: [signature] Date: 4-1-16 4/16/21, correction

email: MPILCHER@CAMERONOIL.NET Telephone: 575-263-3028

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NRM2034455815
District RP	
Facility ID	
Application ID	

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Printed Name: MIKE PILCHER Title: SUPERINTENDENT

Signature: Date: 9-16-21

email: MPILCHER@CAMERONOIL.NET Telephone: 575-263-3028

OCD Only

Received by: Date:


11/30/2020 9:22 AM
N 32.8940°, W 103.2983°
NM
N
E
S


11/30/2020 9:22 AM
N 32.8940°, W 103.2982°
NM
N
E
S

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2034455815
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: [signature] Date: 4-1-16 4/16/21, correction

email: MPILCHER@CAMERONOIL.NET Telephone: 575-263-3028

OCD Only

Received by: Robert Hamlet Date: 7/19/2021

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Robert Hamlet Date: 7/19/2021

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NRM2034455815
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: 9-16-21

email: MPILCHER@CAMERONOIL.NET Telephone: 575-263-3028

OCD Only

Received by: Date:

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 24707

CONDITIONS

Operator: Safety & Environmental Solutions, Inc. PO Box 1613 Hobbs, NM 88240	OGRID: 329088
	Action Number: 24707
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Soil samples will need to meet Table 1 Closure Criteria for proven depth to water determination. Closure samples should be representative of no more than 200 ft2. If rock refusal is encountered, use a hydrovac to clean contaminated soil off rock. Use rotary drill to drill 18"-24" hole into the rock, pull sample and do lab analysis. If clean, layer clean rock with microbial strains to digest organics and hydrocarbons. Back-fill with clean material. If contaminants permeated the rock and remediation cannot be conducted, a deferral request will need to be submitted to the OCD with all sample points that need to be deferred. Cameron Oil would need to complete final remediation during any future major construction/alteration or final plugging and abandonment, whichever occurs first.	7/19/2021