Cameron
State Q #002 Tank Battery

Work Plan

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

NRM2034453708

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 & Gass to assess a spill at the State Q #2 Tank Battery and well. This site is situated in U/L L, Section 30, Township 16S and Range 37E, in Lea County New Mexico.

According to the C-141 for incident NRM2034453708, a routine inspection revealed a long-term, extensive release occurred comprised of hydrocarbons and produced water in areas around the pump jack and tank battery loading area. No fluids were recovered as this appears to be a historical leak. The inspection ID# for this incident is IEZB2029044769. A vacuum truck was dispatched to recover all free-standing fluids.

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

Characterization

In November of 2020, SESI personnel, along with a subcontractor, collected samples at the tank battery spill area using a backhoe and jack hammer. The ground at this location is extremely difficult to penetrate as it is all very hard rock and boulders. Six sample points were advanced, properly packaged and preserved, and sent to Hall Environmental laboratories to be analyzed. In addition, SESI personnel went back to location in April of 2021 to obtain horizontal samples which were also properly packaged, preserved, and sent to the same lab. The results of the sampling events are captured in the table below:

Cameron Oil & Gas State Q #002 Tank Battery Area Soil Sample Results: Hall Environmental Laboratories 11/23/20 and 4/2/21								
SAMPLE ID	**Chloride**	**DRO**	**MRO**	**GRO**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**
SP1 @ 2'	**1400**	**86**	**420**	ND	ND	ND	ND	ND
SP1 @ 3'	**120**	**28**	**92**	ND	ND	ND	ND	ND
SP2 @ 2'	**640**	**50**	**160**	ND	ND	ND	ND	ND
SP2 @ 3'	**94**	**13**	ND	ND	ND	ND	ND	ND
SP3 @ 2'	**190**	**94**	**130**	ND	ND	ND	ND	ND
SP3 @ 3'	**92**	**12**	ND	ND	ND	ND	ND	ND
SP4 @ 2'	**190**	**100**	**160**	ND	ND	ND	ND	ND
SP4 @ 3'	**110**	**24**	**76**	ND	ND	ND	ND	ND
SP5 @ 2'	**630**	**44**	**150**	ND	ND	ND	ND	ND
SP5 @ 3'	**110**	**25**	**77**	ND	ND	ND	ND	ND
SP6 @ 2'	**310**	**99**	**160**	ND	ND	ND	ND	ND
SP6 @ 3'	**95**	ND	ND	ND	ND	ND	ND	ND
HORIZONTAL SAMPLES								
H- NORTH	**91**	**22**	**65**	ND	ND	ND	ND	ND
H-EAST	ND	ND	ND	ND	ND	ND	ND	ND
H-SOUTH	**85**	**36**	**130**	ND	ND	ND	ND	ND
H-WEST	ND	**11**	ND	ND	ND	ND	ND	ND

In April of 2021, SESI personnel, along with a subcontractor, collected samples at the well spill area using a backhoe and jack hammer. This spill area is extremely 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. Five sample points were advanced, 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 #002 Well Area Soil Sample Results: Hall Environmental Laboratories 4/2/21								
SAMPLE ID	**Chloride**	**DRO**	**MRO**	**GRO**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**
AH-1 @ SURFACE	**2100**	**23000**	**17000**	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	**86**	**21**	**67**	ND	ND	ND	ND	ND
H-WEST	**85**	**21**	**61**	ND	ND	ND	ND	ND

Remediation Plans

Based on the results from the sampling around that tank battery area, SESI proposes to dig as much contaminated soil as possible from within the spill area to a depth of 3 feet or as reasonably attainable for an approximate removal of 200 yards of soil and rock. Confirmation samples will be taken at the sidewalls and bottom of the excavation to ensure proper remediation was achieved. The excavated soils will be disposed of at an OCD-approved facility. The site will be backfilled with clean soil once confirmation sample results verify all contaminated material has been feasibly removed.

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

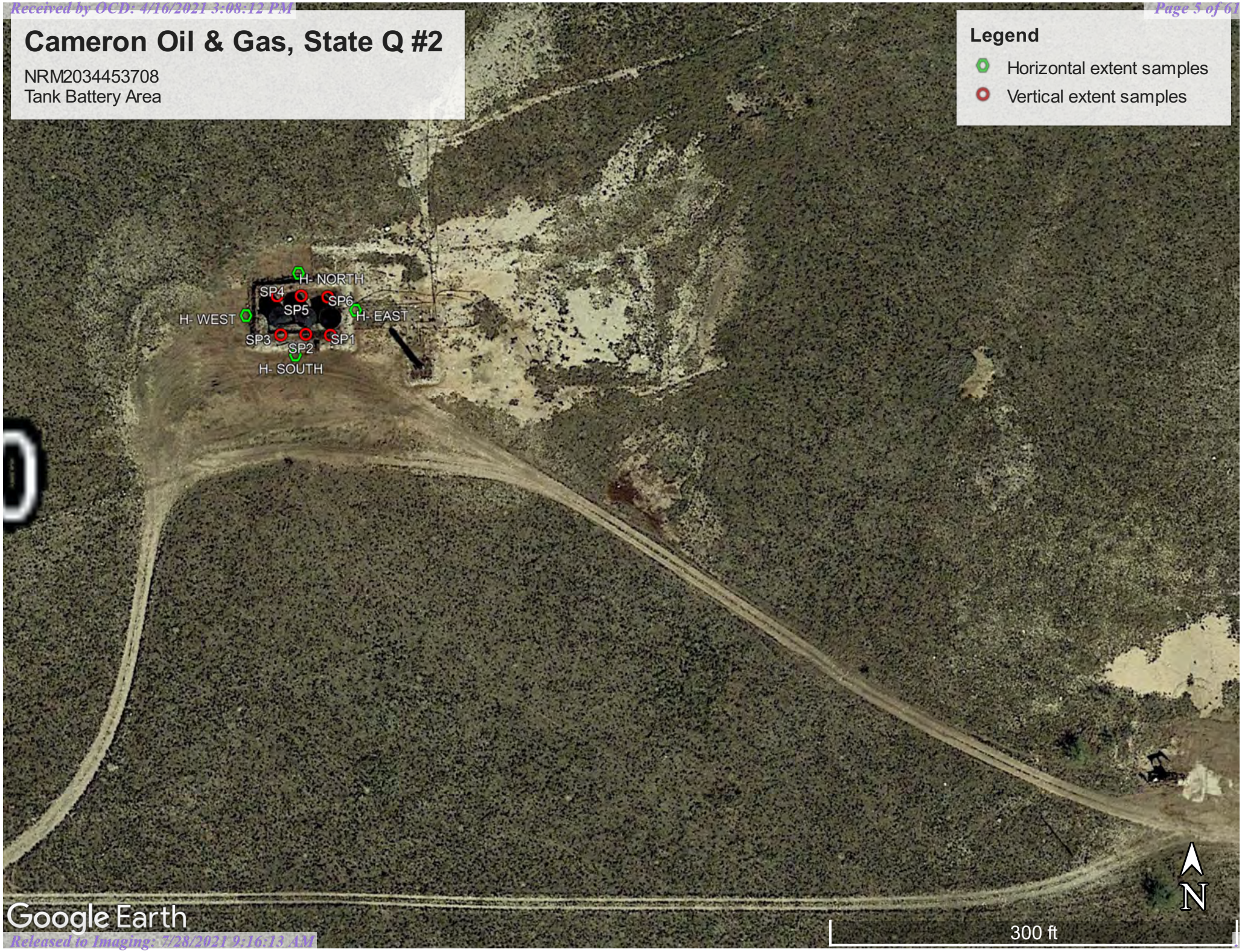
Evidence Document 1: Map of tank battery area
Evidence Document 2: Map of well area
Evidence Document 3: NMOCD Oil and Gas Topo map detailing area water features
Evidence Document 4: BLM Cave Karst map showing location in low potential area
Evidence Document 5: FEMA demonstrating minimal flood hazards for this area
Evidence Document 6: Lab analysis for tank battery area
Evidence Document 7: Lab analysis for well area
Evidence Document 8: C-141, pgs. 3-5 for NRM2034453708
Evidence Document 9: Photos depicting age of well and tank battery with evidence of rocky surface

Cameron Oil & Gas, State Q #2

NRM2034453708
Tank Battery Area

Legend

- Horizontal extent samples
- Vertical extent samples

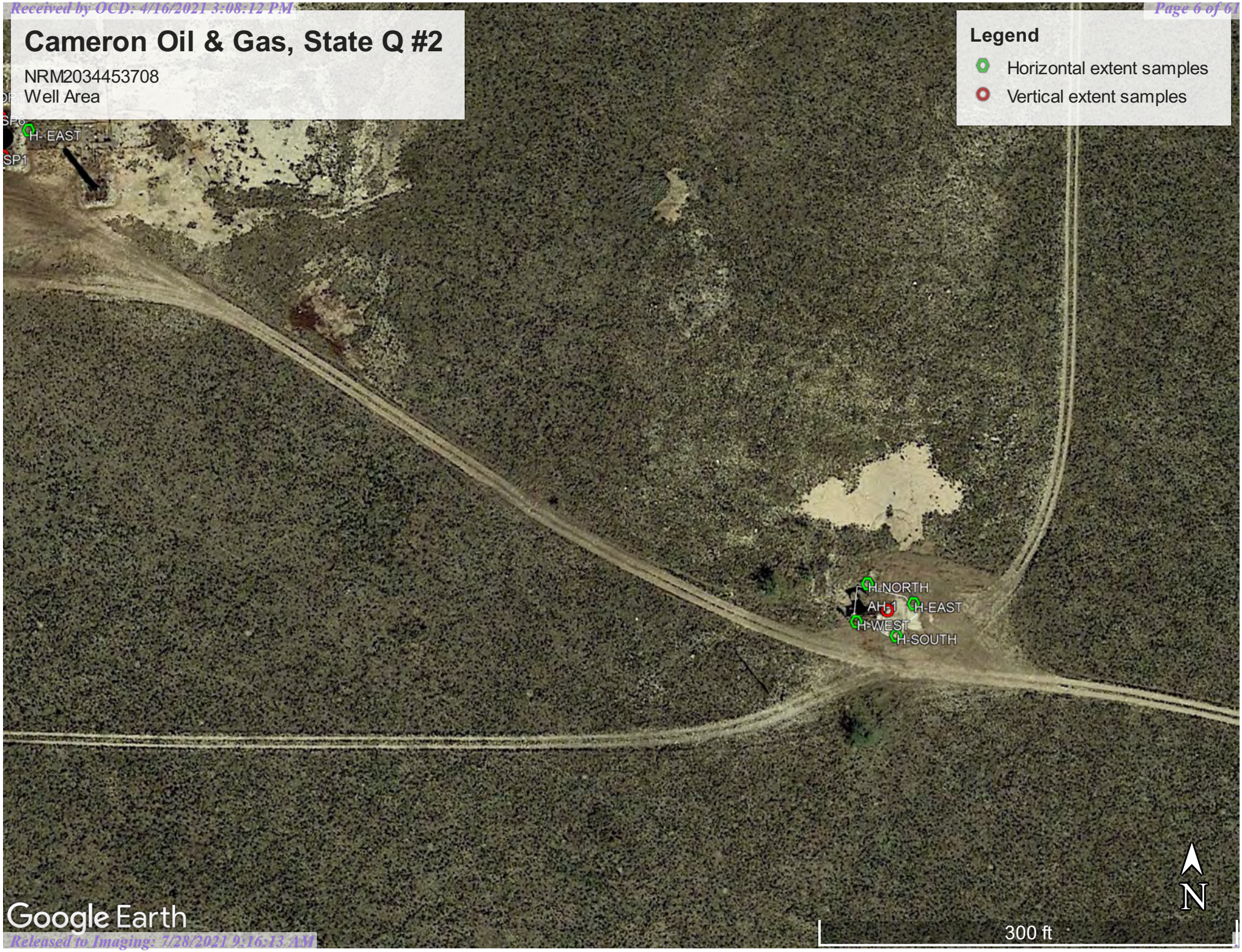


Cameron Oil & Gas, State Q #2

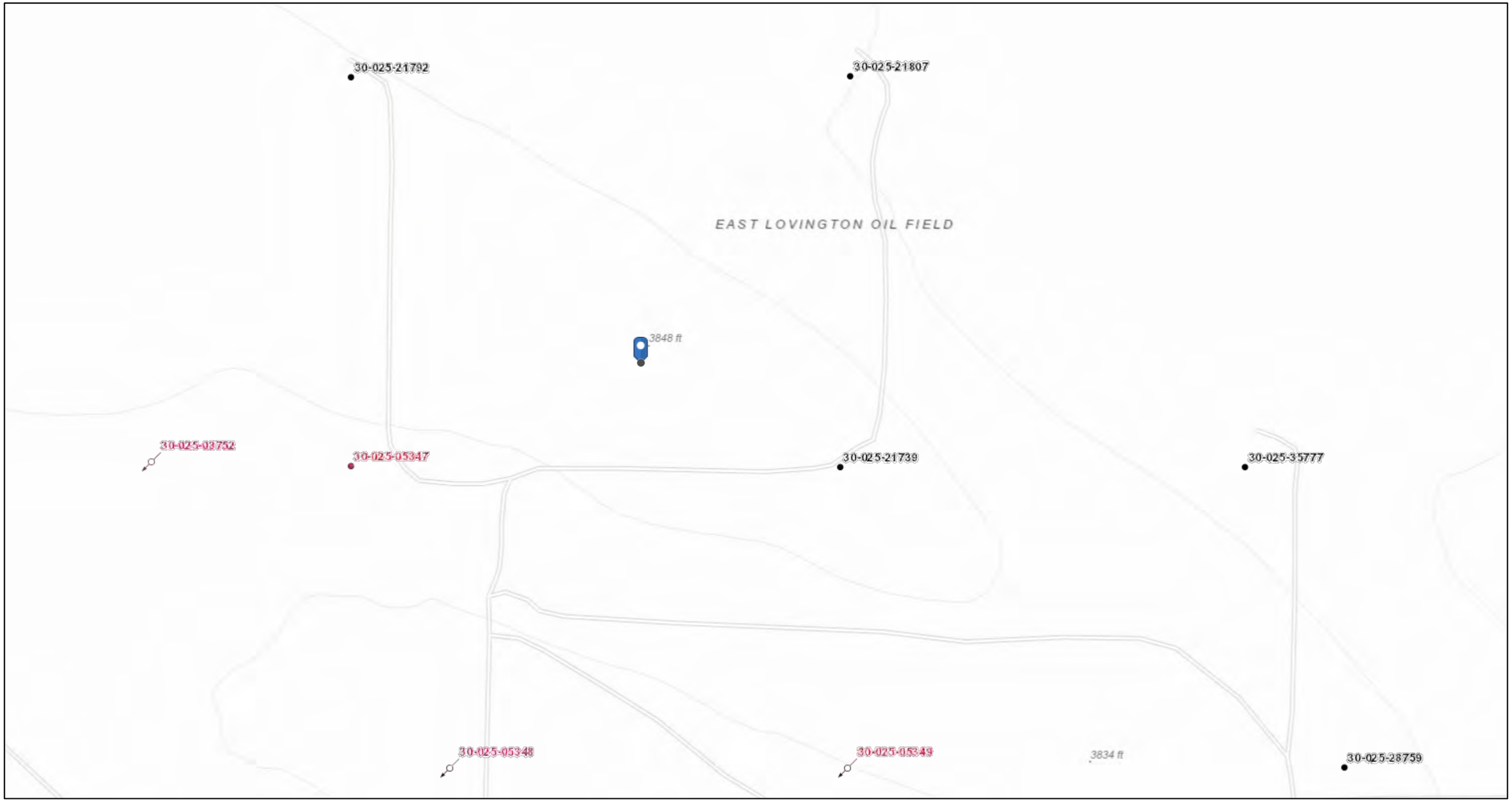
NRM2034453708
Well Area

Legend

- Horizontal extent samples
- Vertical extent samples



Cameron Oil & Gas, State Q #2 Tank Battery



4/16/2021, 11:15:18 AM

1:4,514

0 0.05 0.1 0.19 mi

0 0.07 0.15 0.3 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

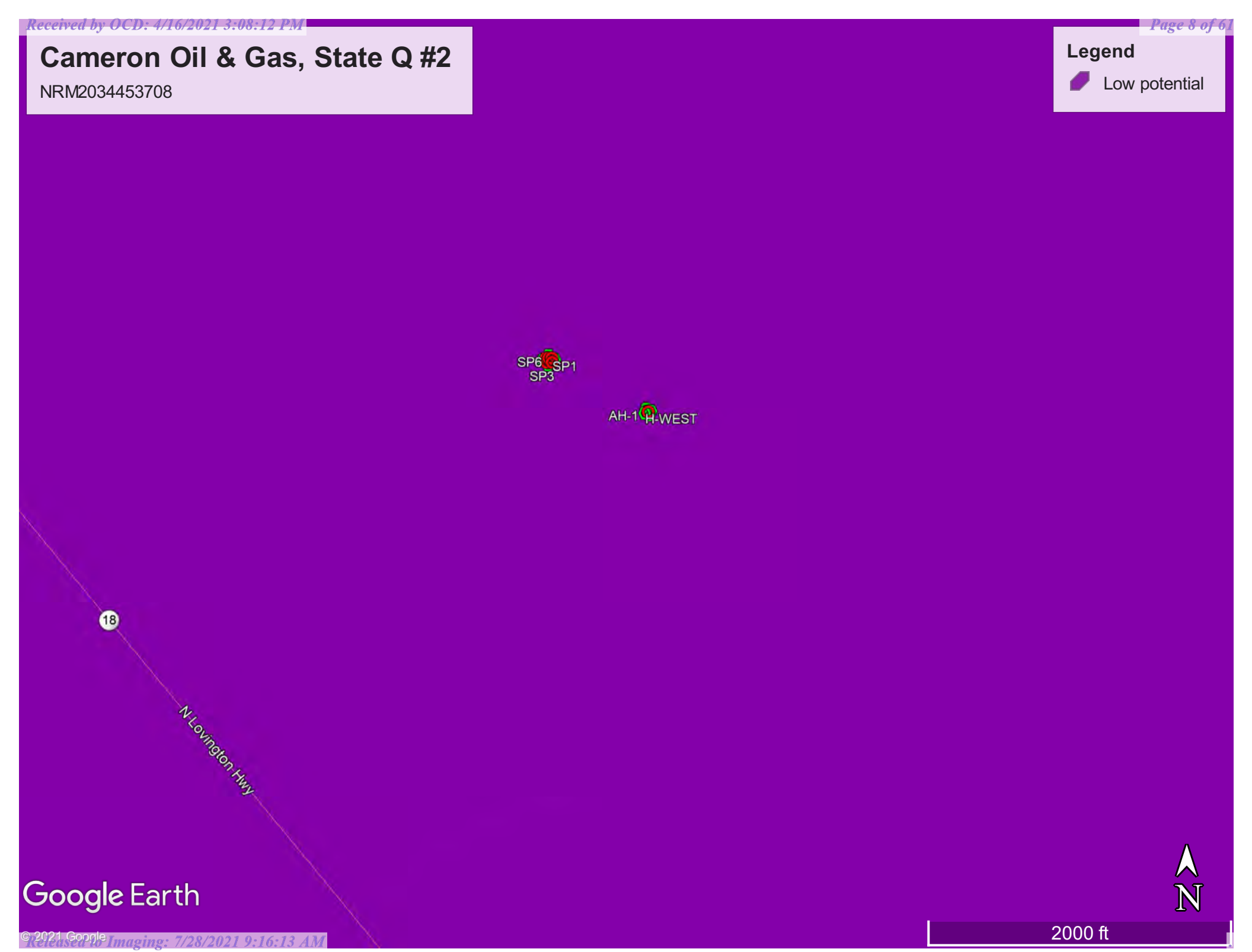
Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA

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 #2

NRM2034453708



National Flood Hazard Layer FIRMette

FEMA

103°18'1"W 32°53'44"N

103°17'24"W 32°53'13"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 3:36 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

December 02, 2020

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

RE: Cameron Oil and Gas State Q Battery 2 3 4 OrderNo.: 2011B73

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 12 sample(s) on 11/24/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-1 2ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 8:40:00 AM
Lab ID: 2011B73-001 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	1400	60		mg/Kg	20	11/26/2020 3:05:39 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	86	48		mg/Kg	5	11/30/2020 10:40:13 AM	56648
Motor Oil Range Organics (MRO)	420	240		mg/Kg	5	11/30/2020 10:40:13 AM	56648
Surr: DNOP	98.7	30.4-154		%Rec	5	11/30/2020 10:40:13 AM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/26/2020 1:12:04 AM	56645
Surr: BFB	87.1	75.3-105		%Rec	1	11/26/2020 1:12:04 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 1:12:04 AM	56645
Toluene	ND	0.049		mg/Kg	1	11/26/2020 1:12:04 AM	56645
Ethylbenzene	ND	0.049		mg/Kg	1	11/26/2020 1:12:04 AM	56645
Xylenes, Total	ND	0.098		mg/Kg	1	11/26/2020 1:12:04 AM	56645
Surr: 4-Bromofluorobenzene	94.0	80-120		%Rec	1	11/26/2020 1:12:04 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-1 3ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 8:55:00 AM
Lab ID: 2011B73-002 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	120	59		mg/Kg	20	11/26/2020 3:18:03 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	28	9.2		mg/Kg	1	11/28/2020 3:10:02 PM	56648
Motor Oil Range Organics (MRO)	92	46		mg/Kg	1	11/28/2020 3:10:02 PM	56648
Surr: DNOP	121	30.4-154		%Rec	1	11/28/2020 3:10:02 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/26/2020 1:35:20 AM	56645
Surr: BFB	86.2	75.3-105		%Rec	1	11/26/2020 1:35:20 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 1:35:20 AM	56645
Toluene	ND	0.050		mg/Kg	1	11/26/2020 1:35:20 AM	56645
Ethylbenzene	ND	0.050		mg/Kg	1	11/26/2020 1:35:20 AM	56645
Xylenes, Total	ND	0.10		mg/Kg	1	11/26/2020 1:35:20 AM	56645
Surr: 4-Bromofluorobenzene	96.9	80-120		%Rec	1	11/26/2020 1:35:20 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-2 2ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 9:20:00 AM
Lab ID: 2011B73-003 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	640	60		mg/Kg	20	11/26/2020 3:30:28 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	50	9.6		mg/Kg	1	11/30/2020 11:04:00 AM	56648
Motor Oil Range Organics (MRO)	160	48		mg/Kg	1	11/30/2020 11:04:00 AM	56648
Surr: DNOP	101	30.4-154		%Rec	1	11/30/2020 11:04:00 AM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/26/2020 1:58:34 AM	56645
Surr: BFB	84.1	75.3-105		%Rec	1	11/26/2020 1:58:34 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 1:58:34 AM	56645
Toluene	ND	0.050		mg/Kg	1	11/26/2020 1:58:34 AM	56645
Ethylbenzene	ND	0.050		mg/Kg	1	11/26/2020 1:58:34 AM	56645
Xylenes, Total	ND	0.10		mg/Kg	1	11/26/2020 1:58:34 AM	56645
Surr: 4-Bromofluorobenzene	94.5	80-120		%Rec	1	11/26/2020 1:58:34 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-2 3ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 9:55:00 AM
Lab ID: 2011B73-004 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	94	60		mg/Kg	20	11/26/2020 4:07:42 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	13	9.9		mg/Kg	1	11/28/2020 3:29:23 PM	56648
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/28/2020 3:29:23 PM	56648
Surr: DNOP	95.1	30.4-154		%Rec	1	11/28/2020 3:29:23 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/26/2020 2:21:47 AM	56645
Surr: BFB	86.1	75.3-105		%Rec	1	11/26/2020 2:21:47 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 2:21:47 AM	56645
Toluene	ND	0.050		mg/Kg	1	11/26/2020 2:21:47 AM	56645
Ethylbenzene	ND	0.050		mg/Kg	1	11/26/2020 2:21:47 AM	56645
Xylenes, Total	ND	0.099		mg/Kg	1	11/26/2020 2:21:47 AM	56645
Surr: 4-Bromofluorobenzene	96.3	80-120		%Rec	1	11/26/2020 2:21:47 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-3 2ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 10:25:00 AM
Lab ID: 2011B73-005 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	190	60		mg/Kg	20	11/26/2020 4:20:06 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	94	9.7		mg/Kg	1	11/30/2020 11:51:42 AM	56648
Motor Oil Range Organics (MRO)	130	49		mg/Kg	1	11/30/2020 11:51:42 AM	56648
Surr: DNOP	94.3	30.4-154		%Rec	1	11/30/2020 11:51:42 AM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/26/2020 2:44:58 AM	56645
Surr: BFB	89.4	75.3-105		%Rec	1	11/26/2020 2:44:58 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/26/2020 2:44:58 AM	56645
Toluene	ND	0.048		mg/Kg	1	11/26/2020 2:44:58 AM	56645
Ethylbenzene	ND	0.048		mg/Kg	1	11/26/2020 2:44:58 AM	56645
Xylenes, Total	ND	0.096		mg/Kg	1	11/26/2020 2:44:58 AM	56645
Surr: 4-Bromofluorobenzene	96.2	80-120		%Rec	1	11/26/2020 2:44:58 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-3 3ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 10:50:00 AM
Lab ID: 2011B73-006 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	92	59		mg/Kg	20	11/26/2020 4:32:31 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	12	9.8		mg/Kg	1	11/28/2020 3:48:42 PM	56648
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/28/2020 3:48:42 PM	56648
Surr: DNOP	92.8	30.4-154		%Rec	1	11/28/2020 3:48:42 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/26/2020 3:08:09 AM	56645
Surr: BFB	85.4	75.3-105		%Rec	1	11/26/2020 3:08:09 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/26/2020 3:08:09 AM	56645
Toluene	ND	0.049		mg/Kg	1	11/26/2020 3:08:09 AM	56645
Ethylbenzene	ND	0.049		mg/Kg	1	11/26/2020 3:08:09 AM	56645
Xylenes, Total	ND	0.098		mg/Kg	1	11/26/2020 3:08:09 AM	56645
Surr: 4-Bromofluorobenzene	96.4	80-120		%Rec	1	11/26/2020 3:08:09 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-4 2ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 11:20:00 AM
Lab ID: 2011B73-007 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	190	60		mg/Kg	20	11/26/2020 4:44:56 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	100	9.5		mg/Kg	1	11/30/2020 12:15:47 PM	56648
Motor Oil Range Organics (MRO)	160	47		mg/Kg	1	11/30/2020 12:15:47 PM	56648
Surr: DNOP	97.9	30.4-154		%Rec	1	11/30/2020 12:15:47 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/26/2020 4:17:39 AM	56645
Surr: BFB	86.5	75.3-105		%Rec	1	11/26/2020 4:17:39 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 4:17:39 AM	56645
Toluene	ND	0.049		mg/Kg	1	11/26/2020 4:17:39 AM	56645
Ethylbenzene	ND	0.049		mg/Kg	1	11/26/2020 4:17:39 AM	56645
Xylenes, Total	ND	0.099		mg/Kg	1	11/26/2020 4:17:39 AM	56645
Surr: 4-Bromofluorobenzene	94.0	80-120		%Rec	1	11/26/2020 4:17:39 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-4 3ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 11:55:00 AM
Lab ID: 2011B73-008 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	110	60		mg/Kg	20	11/26/2020 4:57:21 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	24	9.4		mg/Kg	1	11/28/2020 4:07:56 PM	56648
Motor Oil Range Organics (MRO)	76	47		mg/Kg	1	11/28/2020 4:07:56 PM	56648
Surr: DNOP	102	30.4-154		%Rec	1	11/28/2020 4:07:56 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/26/2020 4:40:51 AM	56645
Surr: BFB	85.4	75.3-105		%Rec	1	11/26/2020 4:40:51 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 4:40:51 AM	56645
Toluene	ND	0.049		mg/Kg	1	11/26/2020 4:40:51 AM	56645
Ethylbenzene	ND	0.049		mg/Kg	1	11/26/2020 4:40:51 AM	56645
Xylenes, Total	ND	0.098		mg/Kg	1	11/26/2020 4:40:51 AM	56645
Surr: 4-Bromofluorobenzene	95.8	80-120		%Rec	1	11/26/2020 4:40:51 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-5 2ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 1:20:00 PM
Lab ID: 2011B73-009 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	630	60		mg/Kg	20	11/26/2020 5:09:45 PM	56673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	44	9.6		mg/Kg	1	11/30/2020 1:03:55 PM	56648
Motor Oil Range Organics (MRO)	150	48		mg/Kg	1	11/30/2020 1:03:55 PM	56648
Surr: DNOP	104	30.4-154		%Rec	1	11/30/2020 1:03:55 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/26/2020 5:04:01 AM	56645
Surr: BFB	85.2	75.3-105		%Rec	1	11/26/2020 5:04:01 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 5:04:01 AM	56645
Toluene	ND	0.049		mg/Kg	1	11/26/2020 5:04:01 AM	56645
Ethylbenzene	ND	0.049		mg/Kg	1	11/26/2020 5:04:01 AM	56645
Xylenes, Total	ND	0.098		mg/Kg	1	11/26/2020 5:04:01 AM	56645
Surr: 4-Bromofluorobenzene	95.6	80-120		%Rec	1	11/26/2020 5:04:01 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-5 3ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 1:40:00 PM
Lab ID: 2011B73-010 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	110	61		mg/Kg	20	11/26/2020 5:46:58 PM	56675
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	25	9.5		mg/Kg	1	11/28/2020 4:27:05 PM	56648
Motor Oil Range Organics (MRO)	77	48		mg/Kg	1	11/28/2020 4:27:05 PM	56648
Surr: DNOP	96.0	30.4-154		%Rec	1	11/28/2020 4:27:05 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/26/2020 5:27:13 AM	56645
Surr: BFB	83.2	75.3-105		%Rec	1	11/26/2020 5:27:13 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 5:27:13 AM	56645
Toluene	ND	0.050		mg/Kg	1	11/26/2020 5:27:13 AM	56645
Ethylbenzene	ND	0.050		mg/Kg	1	11/26/2020 5:27:13 AM	56645
Xylenes, Total	ND	0.10		mg/Kg	1	11/26/2020 5:27:13 AM	56645
Surr: 4-Bromofluorobenzene	93.9	80-120		%Rec	1	11/26/2020 5:27:13 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-6 2ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 2:35:00 PM
Lab ID: 2011B73-011 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	310	60		mg/Kg	20	11/26/2020 5:59:23 PM	56675
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	99	9.6		mg/Kg	1	11/30/2020 1:27:47 PM	56648
Motor Oil Range Organics (MRO)	160	48		mg/Kg	1	11/30/2020 1:27:47 PM	56648
Surr: DNOP	93.9	30.4-154		%Rec	1	11/30/2020 1:27:47 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/26/2020 5:50:25 AM	56645
Surr: BFB	84.5	75.3-105		%Rec	1	11/26/2020 5:50:25 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	11/26/2020 5:50:25 AM	56645
Toluene	ND	0.049		mg/Kg	1	11/26/2020 5:50:25 AM	56645
Ethylbenzene	ND	0.049		mg/Kg	1	11/26/2020 5:50:25 AM	56645
Xylenes, Total	ND	0.098		mg/Kg	1	11/26/2020 5:50:25 AM	56645
Surr: 4-Bromofluorobenzene	93.9	80-120		%Rec	1	11/26/2020 5:50:25 AM	56645

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 **2011B73**
Date Reported: **12/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-6 3ft
Project: Cameron Oil and Gas State Q Battery 2 3
Collection Date: 11/23/2020 2:50:00 PM
Lab ID: 2011B73-012 **Matrix:** SOIL
Received Date: 11/24/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	95	61		mg/Kg	20	11/26/2020 6:36:36 PM	56675
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	11/28/2020 4:46:13 PM	56648
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/28/2020 4:46:13 PM	56648
Surr: DNOP	98.9	30.4-154		%Rec	1	11/28/2020 4:46:13 PM	56648
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/26/2020 6:13:35 AM	56645
Surr: BFB	86.7	75.3-105		%Rec	1	11/26/2020 6:13:35 AM	56645
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	11/26/2020 6:13:35 AM	56645
Toluene	ND	0.050		mg/Kg	1	11/26/2020 6:13:35 AM	56645
Ethylbenzene	ND	0.050		mg/Kg	1	11/26/2020 6:13:35 AM	56645
Xylenes, Total	ND	0.10		mg/Kg	1	11/26/2020 6:13:35 AM	56645
Surr: 4-Bromofluorobenzene	98.6	80-120		%Rec	1	11/26/2020 6:13:35 AM	56645

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#: **2011B73**
02-Dec-20

Client: Safety & Environmental Solutions
Project: Cameron Oil and Gas State Q Battery 2 3 4

Sample ID: **MB-56673** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **56673** RunNo: **73633**
Prep Date: **11/26/2020** Analysis Date: **11/26/2020** SeqNo: **2594990** Units: **mg/Kg**

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

Sample ID: **LCS-56673** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **56673** RunNo: **73633**
Prep Date: **11/26/2020** Analysis Date: **11/26/2020** SeqNo: **2594991** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: **MB-56675** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **56675** RunNo: **73633**
Prep Date: **11/26/2020** Analysis Date: **11/26/2020** SeqNo: **2595020** Units: **mg/Kg**

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

Sample ID: **LCS-56675** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **56675** RunNo: **73633**
Prep Date: **11/26/2020** Analysis Date: **11/26/2020** SeqNo: **2595021** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

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#: **2011B73**
02-Dec-20

Client: Safety & Environmental Solutions
Project: Cameron Oil and Gas State Q Battery 2 3 4

Sample ID: **LCS-56648**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **56648**	RunNo: **73643**
Prep Date: **11/25/2020**	Analysis Date: **11/28/2020**	SeqNo: **2595548** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.4	70	130			
Surr: DNOP	5.0		5.000		101	30.4	154			

Sample ID: **MB-56648**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **56648**	RunNo: **73643**
Prep Date: **11/25/2020**	Analysis Date: **11/28/2020**	SeqNo: **2595550** 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	9.4		10.00		94.3	30.4	154			

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#: **2011B73**
02-Dec-20

Client: Safety & Environmental Solutions
Project: Cameron Oil and Gas State Q Battery 2 3 4

Sample ID: **mb-56645**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **56645**	RunNo: **73605**
Prep Date: **11/24/2020**	Analysis Date: **11/25/2020**	SeqNo: **2594783** 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	910		1000		90.6	75.3	105			

Sample ID: **lcs-56645**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **56645**	RunNo: **73605**
Prep Date: **11/24/2020**	Analysis Date: **11/25/2020**	SeqNo: **2594784** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.9	72.5	106			
Surr: BFB	970		1000		97.4	75.3	105			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2011B73**
02-Dec-20

Client: Safety & Environmental Solutions
Project: Cameron Oil and Gas State Q Battery 2 3 4

Sample ID: **mb-56645** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **56645** RunNo: **73605**
Prep Date: **11/24/2020** Analysis Date: **11/25/2020** SeqNo: **2594832** 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	1.0		1.000		101	80	120			

Sample ID: **LCS-56645** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **56645** RunNo: **73605**
Prep Date: **11/24/2020** Analysis Date: **11/25/2020** SeqNo: **2594833** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.6	80	120			
Toluene	0.98	0.050	1.000	0	97.6	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.4	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

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

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: **2011B73** RcptNo: **1**

Received By: **Juan Rojas** **11/24/2020 8:00:00 AM**

Completed By: **Desiree Dominguez** **11/24/2020 10:37:37 AM**

Reviewed By: SPA 11.24.20

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: JR 11/24/20

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	0.3	Good				
2	4.3	Good				
3	0.4	Good				
4	1.1	Good				

Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 703 E Clinton Hobbs N.M 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 Oil & Gas State Com Battery 23-4

Project #: CAM-20-001

Project Manager: Allen, Bob

Sampler: Son Jeng

On Ice: ☑ Yes ☐ No

# of Coolers: 4

Cooler Temp(including CF): See Remarks (°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. 2011873	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
11/23	0840	S	SP-1 2Ft	1	Ice	-001	X	X									X
	0855	S	SP-1 3Ft	1	Ice	-002											
	0920	S	SP-2 2Ft	1		-003											
	0955	S	SP-2 3 Ft	1		-004											
	1025	S	SP-3 2 Ft	1		-005											
	1050	S	SP-3 3 Ft	1		-006											
	1120	S	SP-4 2 Ft	1		-007											
	1155	S	SP-4 3 Ft	1		-008											
	1320	S	SP-5 2 Ft	1		-009											
	1340	S	SP-5 3 Ft	1		-010											
	1435	S	SP-6 2 Ft	1		-011											
11/23	1450	S	SP-6 3 Ft	1		-012	X	X									X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/23	1600	Son Jeng			11/23/20	1600
11/23/20	1900			courier	11/24/20	8:00

Remarks:
0.3 - 0 = 0.3
4.3 - 0 = 4.3
0.4 - 0 = 0.4
1.1 - 0 = 1.1

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 09, 2021

Bob Allen

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

RE: Cameron State Q Batt 2 OrderNo.: 2104119

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 4 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 **2104119**
Date Reported: **4/9/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-5 North
Project: Cameron State Q Batt 2
Collection Date: 4/2/2021 1:55:00 PM
Lab ID: 2104119-001 **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	91	60		mg/Kg	20	4/9/2021 4:46:32 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	22	9.6		mg/Kg	1	4/7/2021 9:38:50 AM	59218
Motor Oil Range Organics (MRO)	65	48		mg/Kg	1	4/7/2021 9:38:50 AM	59218
Surr: DNOP	87.5	70-130		%Rec	1	4/7/2021 9:38:50 AM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/8/2021 8:11:00 PM	59206
Surr: BFB	94.8	70-130		%Rec	1	4/8/2021 8:11:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.025		mg/Kg	1	4/8/2021 8:11:00 PM	59206
Toluene	ND	0.049		mg/Kg	1	4/8/2021 8:11:00 PM	59206
Ethylbenzene	ND	0.049		mg/Kg	1	4/8/2021 8:11:00 PM	59206
Xylenes, Total	ND	0.098		mg/Kg	1	4/8/2021 8:11:00 PM	59206
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	4/8/2021 8:11:00 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 **2104119**
Date Reported: **4/9/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-6 East
Project: Cameron State Q Batt 2
Collection Date: 4/2/2021 2:15:00 PM
Lab ID: 2104119-002 **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	ND	60		mg/Kg	20	4/9/2021 4:58:52 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/7/2021 1:55:49 AM	59218
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/7/2021 1:55:49 AM	59218
Surr: DNOP	117	70-130		%Rec	1	4/7/2021 1:55:49 AM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/8/2021 8:31:00 PM	59206
Surr: BFB	93.0	70-130		%Rec	1	4/8/2021 8:31:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.024		mg/Kg	1	4/8/2021 8:31:00 PM	59206
Toluene	ND	0.047		mg/Kg	1	4/8/2021 8:31:00 PM	59206
Ethylbenzene	ND	0.047		mg/Kg	1	4/8/2021 8:31:00 PM	59206
Xylenes, Total	ND	0.094		mg/Kg	1	4/8/2021 8:31:00 PM	59206
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	4/8/2021 8:31:00 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 **2104119**
Date Reported: **4/9/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-7 South
Project: Cameron State Q Batt 2
Collection Date: 4/2/2021 2:25:00 PM
Lab ID: 2104119-003 **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	85	61		mg/Kg	20	4/9/2021 5:11:14 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	36	9.6		mg/Kg	1	4/7/2021 5:09:26 PM	59242
Motor Oil Range Organics (MRO)	130	48		mg/Kg	1	4/7/2021 5:09:26 PM	59242
Surr: DNOP	103	70-130		%Rec	1	4/7/2021 5:09:26 PM	59242
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/8/2021 4:40:35 PM	59235
Surr: BFB	95.6	70-130		%Rec	1	4/8/2021 4:40:35 PM	59235
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	4/8/2021 4:40:35 PM	59235
Toluene	ND	0.050		mg/Kg	1	4/8/2021 4:40:35 PM	59235
Ethylbenzene	ND	0.050		mg/Kg	1	4/8/2021 4:40:35 PM	59235
Xylenes, Total	ND	0.10		mg/Kg	1	4/8/2021 4:40:35 PM	59235
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	4/8/2021 4:40:35 PM	59235

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 **2104119**
Date Reported: **4/9/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-8 West
Project: Cameron State Q Batt 2
Collection Date: 4/2/2021 2:40:00 PM
Lab ID: 2104119-004 **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 5:23:34 AM	59301
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	11	9.9		mg/Kg	1	4/7/2021 5:29:05 PM	59242
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2021 5:29:05 PM	59242
Surr: DNOP	109	70-130		%Rec	1	4/7/2021 5:29:05 PM	59242
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/8/2021 5:51:06 PM	59235
Surr: BFB	94.5	70-130		%Rec	1	4/8/2021 5:51:06 PM	59235
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	4/8/2021 5:51:06 PM	59235
Toluene	ND	0.050		mg/Kg	1	4/8/2021 5:51:06 PM	59235
Ethylbenzene	ND	0.050		mg/Kg	1	4/8/2021 5:51:06 PM	59235
Xylenes, Total	ND	0.099		mg/Kg	1	4/8/2021 5:51:06 PM	59235
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	4/8/2021 5:51:06 PM	59235

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#: **2104119**
09-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q Batt 2

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 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#: **2104119**
09-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q Batt 2

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: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		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: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.1	68.9	141			
Surr: DNOP	5.1		5.000		102	70	130			

Sample ID: **MB-59281** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **59281** RunNo: **76564**
Prep Date: **4/8/2021** Analysis Date: **4/8/2021** SeqNo: **2712500** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		104	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#: **2104119**
09-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q Batt 2

Sample ID: **LCS-59281** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **59281** RunNo: **76564**
Prep Date: **4/8/2021** Analysis Date: **4/8/2021** SeqNo: **2712502** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.9		5.000		98.0	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#: **2104119**
09-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q Batt 2

Sample ID: **mb-59235**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **59235**	RunNo: **76526**
Prep Date: **4/6/2021**	Analysis Date: **4/7/2021**	SeqNo: **2711181** 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	970		1000		97.4	70	130			

Sample ID: **lcs-59235**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **59235**	RunNo: **76526**
Prep Date: **4/6/2021**	Analysis Date: **4/7/2021**	SeqNo: **2711182** 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	99.2	78.6	131			
Surr: BFB	1100		1000		106	70	130			

Sample ID: **2104119-003ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **H-7 South**	Batch ID: **59235**	RunNo: **76560**
Prep Date: **4/6/2021**	Analysis Date: **4/8/2021**	SeqNo: **2712370** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.08	0	101	61.3	114			
Surr: BFB	1000		963.4		108	70	130			

Sample ID: **2104119-003amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **H-7 South**	Batch ID: **59235**	RunNo: **76560**
Prep Date: **4/6/2021**	Analysis Date: **4/8/2021**	SeqNo: **2712371** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.7	23.34	0	98.0	61.3	114	5.83	20	
Surr: BFB	1000		933.7		107	70	130	0	0	

Sample ID: **mb-59283**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **59283**	RunNo: **76560**
Prep Date: **4/7/2021**	Analysis Date: **4/9/2021**	SeqNo: **2712382** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	980		1000		97.8	70	130			

Sample ID: **lcs-59283**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **59283**	RunNo: **76560**
Prep Date: **4/7/2021**	Analysis Date: **4/8/2021**	SeqNo: **2712383** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		110	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#: **2104119**

09-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q Batt 2

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			

Sample ID: **LCS-59276** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **59276** RunNo: **76543**

Prep Date: **4/7/2021** Analysis Date: **4/8/2021** SeqNo: **2712964** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		103	70	130			

Sample ID: **MB-59276** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **59276** RunNo: **76543**

Prep Date: **4/7/2021** Analysis Date: **4/8/2021** SeqNo: **2712965** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	970		1000		96.6	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#: **2104119**
09-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q Batt 2

Sample ID: **mb-59235**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **59235**	RunNo: **76526**
Prep Date: **4/6/2021**	Analysis Date: **4/7/2021**	SeqNo: **2711230** 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	0.97		1.000		96.7	70	130			

Sample ID: **LCS-59235**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **59235**	RunNo: **76526**
Prep Date: **4/6/2021**	Analysis Date: **4/7/2021**	SeqNo: **2711231** 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	94.0	80	120			
Toluene	0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene	0.94	0.050	1.000	0	93.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.5	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		97.2	70	130			

Sample ID: **2104119-004ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **H-8 West**	Batch ID: **59235**	RunNo: **76560**
Prep Date: **4/6/2021**	Analysis Date: **4/8/2021**	SeqNo: **2712416** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9785	0	96.6	76.3	120			
Toluene	0.96	0.049	0.9785	0	98.4	78.5	120			
Ethylbenzene	0.96	0.049	0.9785	0	98.3	78.1	124			
Xylenes, Total	2.9	0.098	2.935	0	97.9	79.3	125			
Surr: 4-Bromofluorobenzene	0.96		0.9785		97.8	70	130			

Sample ID: **2104119-004amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **H-8 West**	Batch ID: **59235**	RunNo: **76560**
Prep Date: **4/6/2021**	Analysis Date: **4/8/2021**	SeqNo: **2712417** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.024	0.9690	0	95.7	80	120	1.91	20	
Toluene	0.94	0.048	0.9690	0	97.0	80	120	2.39	20	
Ethylbenzene	0.94	0.048	0.9690	0	97.0	80	120	2.27	20	
Xylenes, Total	2.8	0.097	2.907	0	95.4	80	120	3.59	20	
Surr: 4-Bromofluorobenzene	0.94		0.9690		97.1	70	130	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104119**

09-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q Batt 2

Sample ID: **mb-59283** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **59283** RunNo: **76560**

Prep Date: **4/7/2021** Analysis Date: **4/9/2021** SeqNo: **2712425** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		96.6	70	130			

Sample ID: **LCS-59283** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **59283** RunNo: **76560**

Prep Date: **4/7/2021** Analysis Date: **4/9/2021** SeqNo: **2712426** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.8	70	130			

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			

Sample ID: **LCS-59276** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **59276** RunNo: **76543**

Prep Date: **4/7/2021** Analysis Date: **4/8/2021** SeqNo: **2713015** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.88		1.000		87.9	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 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#: **2104119**
09-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q Batt 2

Sample ID: **MB-59276** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **59276** RunNo: **76543**
Prep Date: **4/7/2021** Analysis Date: **4/8/2021** SeqNo: **2713016** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.90		1.000		90.2	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

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: **2104119** RcptNo: **1**

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

Completed By: **Desiree Dominguez** **4/3/2021 9:52:58 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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	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 N.M 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 Days
☑ Standard ☐ Rush

Project Name: CAMERON STATE GAS BATT #2

Project #: CAM-20-002

Project Manager: Allen, Bob

Sampler:

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. 2104119	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	1355	S	H-5 North	1	Ice	-001	X	X									X					
	1415	S	H-6 East	1	Cool	-002	X	X									X					
	1425	S	H-7 South	1		-003	X	X									X					
04/02	1440	S	H-8 West	1		-004	X	X									X					

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
04/02	1600				4/2/21	1600
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.

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 Q2 OrderNo.: 2104116

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 5 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 **2104116**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: AH-1 Surface
Project: Cameron State Q2
Collection Date: 4/2/2021 12:20:00 PM
Lab ID: 2104116-001 **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	2100	150		mg/Kg	50	4/9/2021 3:46:08 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	23000	900		mg/Kg	100	4/6/2021 9:03:42 PM	59218
Motor Oil Range Organics (MRO)	17000	4500		mg/Kg	100	4/6/2021 9:03:42 PM	59218
Surr: DNOP	0	70-130	S	%Rec	100	4/6/2021 9:03:42 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	98	D	mg/Kg	20	4/8/2021 10:55:00 AM	59206
Surr: BFB	111	70-130	D	%Rec	20	4/8/2021 10:55:00 AM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.49	D	mg/Kg	20	4/8/2021 10:55:00 AM	59206
Toluene	ND	0.49	D	mg/Kg	20	4/8/2021 10:55:00 AM	59206
Ethylbenzene	ND	0.49	D	mg/Kg	20	4/8/2021 10:55:00 AM	59206
Xylenes, Total	ND	1.5	D	mg/Kg	20	4/8/2021 10:55:00 AM	59206
Surr: 4-Bromofluorobenzene	92.1	70-130	D	%Rec	20	4/8/2021 10:55:00 AM	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 **2104116**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-7 North
Project: Cameron State Q2
Collection Date: 4/2/2021 12:40:00 PM
Lab ID: 2104116-002 **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: **MRA**	
Chloride	ND	60		mg/Kg	20	4/8/2021 7:47:59 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/6/2021 9:42:46 PM	59218
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/6/2021 9:42:46 PM	59218
Surr: DNOP	96.7	70-130		%Rec	1	4/6/2021 9:42:46 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/8/2021 11:35:00 AM	59206
Surr: BFB	95.9	70-130		%Rec	1	4/8/2021 11:35:00 AM	59206
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.024		mg/Kg	1	4/8/2021 11:35:00 AM	59206
Toluene	ND	0.049		mg/Kg	1	4/8/2021 11:35:00 AM	59206
Ethylbenzene	ND	0.049		mg/Kg	1	4/8/2021 11:35:00 AM	59206
Xylenes, Total	ND	0.098		mg/Kg	1	4/8/2021 11:35:00 AM	59206
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	4/8/2021 11:35:00 AM	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 **2104116**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-8 East
Project: Cameron State Q2
Collection Date: 4/2/2021 1:00:00 PM
Lab ID: 2104116-003 **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	ND	60		mg/Kg	20	4/8/2021 8:00:24 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/6/2021 9:52:38 PM	59218
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/6/2021 9:52:38 PM	59218
Surr: DNOP	97.4	70-130		%Rec	1	4/6/2021 9:52:38 PM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/8/2021 12:35:00 PM	59206
Surr: BFB	91.7	70-130		%Rec	1	4/8/2021 12:35:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.023		mg/Kg	1	4/8/2021 12:35:00 PM	59206
Toluene	ND	0.046		mg/Kg	1	4/8/2021 12:35:00 PM	59206
Ethylbenzene	ND	0.046		mg/Kg	1	4/8/2021 12:35:00 PM	59206
Xylenes, Total	ND	0.093		mg/Kg	1	4/8/2021 12:35:00 PM	59206
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	4/8/2021 12:35:00 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 **2104116**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-9 South
Project: Cameron State Q2
Collection Date: 4/2/2021 1:20:00 PM
Lab ID: 2104116-004 **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	86	60		mg/Kg	20	4/8/2021 8:12:49 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	21	9.3		mg/Kg	1	4/7/2021 9:57:45 AM	59218
Motor Oil Range Organics (MRO)	67	46		mg/Kg	1	4/7/2021 9:57:45 AM	59218
Surr: DNOP	70.6	70-130		%Rec	1	4/7/2021 9:57:45 AM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **CCM**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/8/2021 12:55:00 PM	59206
Surr: BFB	87.8	70-130		%Rec	1	4/8/2021 12:55:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	0.025		mg/Kg	1	4/8/2021 12:55:00 PM	59206
Toluene	ND	0.050		mg/Kg	1	4/8/2021 12:55:00 PM	59206
Ethylbenzene	ND	0.050		mg/Kg	1	4/8/2021 12:55:00 PM	59206
Xylenes, Total	ND	0.10		mg/Kg	1	4/8/2021 12:55:00 PM	59206
Surr: 4-Bromofluorobenzene	80.9	70-130		%Rec	1	4/8/2021 12:55:00 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 **2104116**
Date Reported: **4/12/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: H-10 West
Project: Cameron State Q2
Collection Date: 4/2/2021 1:40:00 PM
Lab ID: 2104116-005 **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:	**MRA**
Chloride	85	60		mg/Kg	20	4/8/2021 8:25:13 PM	59282
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**mb**
Diesel Range Organics (DRO)	21	9.3		mg/Kg	1	4/7/2021 10:35:49 AM	59218
Motor Oil Range Organics (MRO)	61	47		mg/Kg	1	4/7/2021 10:35:49 AM	59218
Surr: DNOP	75.0	70-130		%Rec	1	4/7/2021 10:35:49 AM	59218
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**CCM**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/8/2021 1:14:00 PM	59206
Surr: BFB	89.6	70-130		%Rec	1	4/8/2021 1:14:00 PM	59206
EPA METHOD 8021B: VOLATILES						Analyst:	**CCM**
Benzene	ND	0.025		mg/Kg	1	4/8/2021 1:14:00 PM	59206
Toluene	ND	0.049		mg/Kg	1	4/8/2021 1:14:00 PM	59206
Ethylbenzene	ND	0.049		mg/Kg	1	4/8/2021 1:14:00 PM	59206
Xylenes, Total	ND	0.098		mg/Kg	1	4/8/2021 1:14:00 PM	59206
Surr: 4-Bromofluorobenzene	83.4	70-130		%Rec	1	4/8/2021 1:14:00 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		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104116**

12-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q2

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#: **2104116**

12-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q2

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#: **2104116**

12-Apr-21

Client: Safety & Environmental Solutions

Project: Cameron State Q2

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#: **2104116**
12-Apr-21

Client: Safety & Environmental Solutions
Project: Cameron State Q2

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			

Sample ID: **2104116-002ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **H-7 North**	Batch ID: **59206**	RunNo: **76543**
Prep Date: **4/5/2021**	Analysis Date: **4/8/2021**	SeqNo: **2712995** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	0.9843	0	94.4	76.3	120			
Toluene	0.92	0.049	0.9843	0	93.9	78.5	120			
Ethylbenzene	0.94	0.049	0.9843	0	95.2	78.1	124			
Xylenes, Total	2.8	0.098	2.953	0	93.3	79.3	125			
Surr: 4-Bromofluorobenzene	0.87		0.9843		88.8	70	130			

Sample ID: **2104116-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **H-7 North**	Batch ID: **59206**	RunNo: **76543**
Prep Date: **4/5/2021**	Analysis Date: **4/8/2021**	SeqNo: **2712996** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.024	0.9728	0	95.9	80	120	0.465	20	
Toluene	0.92	0.049	0.9728	0	94.7	80	120	0.327	20	
Ethylbenzene	0.93	0.049	0.9728	0	95.7	80	120	0.683	20	
Xylenes, Total	2.7	0.097	2.918	0	93.8	80	120	0.676	20	
Surr: 4-Bromofluorobenzene	0.83		0.9728		85.5	70	130	0	0	

Qualifiers:

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

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: **2104116** RcptNo: 1

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

Completed By: **Desiree Dominguez** **4/3/2021 9:23:41 AM** DD

Reviewed By: CM 4/5/21

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: Jerry Sosa Date: 4/5/21
By Whom: Erin Melendrez Via: ☐ eMail ☒ Phone ☐ Fax ☐ In Person
Regarding: Direction of Samples on bottles does not match COC.
Client Instructions: Please use Sample ID listed on the COC.

16. Additional remarks: -ENM 4/5/21

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, N.M 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 Com #2

Project #: CAM-20-002

Project Manager: Allen Bob

Sampler: Jason Sanchez

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104116
04/02	1220	S	AH-1 Surface	1	Ice	-001
	1240	S	H-7 North	1	Ice	-002
	1300	S	H-8 East	1		-003
	1320	S	H-9 South	1		-004
04/02	1340	S	H-10 West	1		-005

Analysis Request

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)	Chloride
X	X									X
X	X									X

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
04/02	1600	Jason Sanchez				
4/2/21	1900				4/2/21	1600
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	NRM2034453708
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?	UNKNNOWN _____ (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	NRM2034453708
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: Mike Pilcher Date: 4-16-21

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

OCD Only

Received by: Chad Hensley Date: 07/28/2021

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

Signature: Chad Hensley Date: 07/28/2021

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NRM2034453708
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: Mike Pilcher Date: 4-16-21

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

OCD Only

Received by: Date:


Local:Nov 23, 2020 at 1:52:38 PM MST
+32.891338,-103.294842
258° W
Altitude:1172.3meter
Speed:2.7km/h


Local:Nov 23, 2020 at 1:53:13 PM MST
+32.891352,-103.294963
268° W
Altitude:1171.5meter
Speed:3.2km/h


Local:Nov 23, 2020 at 1:52:25 PM MST
+32.891338,-103.294842
291° W
Altitude:1172.3meter
Speed:4.0km/h


Local:Nov 23, 2020 at 1:53:03 PM MST
+32.891352,-103.294963
97° E
Altitude:1171.3meter
Speed:3.3km/h


11/30/2020 9:32 AM
N 32.8905°, W 103.2928°
NM


11/30/2020 9:35 AM
N 32.8923°, W 103.2968°
NM


Local:Nov 23, 2020 at 2:54:10 PM MST
+32.891451, -103.294958
189° S
Altitude:1169.4meter
Speed:2.7km/h


11/30/2020 9:34 AM
N 32.8926°, W 103.2969°
NM

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 24366

CONDITIONS

Operator:	OGRID:
Safety & Environmental Solutions, Inc. PO Box 1613 Hobbs, NM 88240	329088
	Action Number: 24366
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.	7/28/2021
chensley	The OCD is accepting a borehole to prove depth to groundwater and the corresponding driller's log.	7/28/2021