

Incident ID	NDHR1917930656
District RP	1RP-5583
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?	>115 (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.

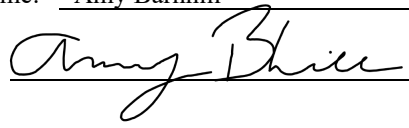
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile 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.

Oil Conservation Division

Incident ID	NDHR1917930656
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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: Amy BarnhillTitle: Lead Environmental SpecialistSignature: Date: 5-25-21Email: abarnhill@chevron.comTelephone: 432-687-7108**OCD Only**

Received by: _____

Date: _____

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Remediation Plan

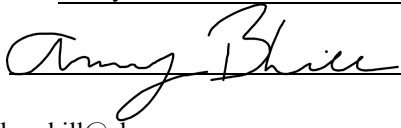
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: Amy Barnhill Title: Lead Environmental Specialist
Signature:  Date: 5-25-21
Email: abarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

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District RP	1RP-5583
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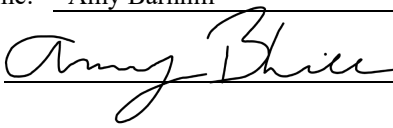
Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amy Barnhill Title: Lead Environmental Specialist
Signature:  Date: 5-25-21
Email: abarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Chad Hensley Date: 08/04/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 08/04/2021

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

1RP-5583
Closure Report
Salado Draw Pad 15
Produced Water Release
Lea County, New Mexico

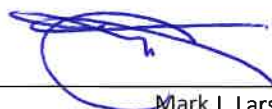
Latitude: N 32.03518°
Longitude: W -103.62980°

LAI Project No. 19-0154-01

May 10, 2021

Prepared for:
Chevron USA Inc.
6301 Deauville Blvd.
Midland, Texas 79706

Prepared by:
Larson & Associates, Inc.
507 North Marienfeld Street, Suite 202
Midland, Texas 79701



Mark J. Larson
Certified Professional Geologist #10490



Daniel St. Germain
Staff Geologist

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Table of Contents

1.0	INTRODUCTION	1
1.1	Background	1
1.2	Physical Setting	1
1.3	Remediation Standards	1
2.0	DELINEATION	2
3.0	REMEDICATION	3
4.0	CLOSURE REQUEST	3

Tables

Table 1	Delineation Soil Sample Analytical Data Summary
Table 2	Confirmation Soil Sample Analytical Data Summary

Figures

Figure 1	Topographic Map
Figure 2	Aerial Map Showing Spill Area and Sample Locations
Figure 3	Aerial Map Showing Confirmation Sample and Excavation Locations

Appendices

Appendix A	Initial C-141
Appendix B	Karst Risk Potential
Appendix C	Boring Log
Appendix D	Laboratory Reports
Appendix E	Waste Manifests
Appendix F	Photographs

1RP-5583
Closure Report
Chevron USA, Inc., Salado Draw Pad 15
Produced Water Release
May 10, 2021

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI), has prepared this closure report on behalf of Chevron USA Inc. (Chevron) for submittal to the New Mexico Oil Conservation Division (OCD) District 1 for a produced water release at the Salado Draw Pad 15 (Site) located in Unit C (NE/4, NW/4), Section 24, Township 26 South, Range 32 East, in Lea County New Mexico. The geodetic position is North 32.03518° and West -103.62980°. Figure 1 presents a topographic map and groundwater bore (SB-1) location. Figure 2 presents an aerial map.

1.1 Background

The release was discovered on January 15, 2019 and was the result of a ruptured lay-flat line that was connected to an inline pump. Chevron reported that approximately 29.7 barrels (bbls) of produced water was released and that no fluid was recovered. LAI calculated the spill volume to be approximately 70 bbls, based on the depth of the impacted soil (between 1 and 2 feet) and an average soil moisture of 3%, as reported by laboratory analysis. The affected area measures approximately 12,559 square feet. The initial C-141 was submitted to OCD District 1 on June 24, 2019 and assigned remediation permit number 1RP-5583. Appendix A presents the initial C-141.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,160 feet above mean sea level (msl).
- The surface elevation gradually decreases to the south.
- There are no surface water features within 1,000 feet of the Site.
- Karst data provided by the USGS describes the Site as "Medium Risk" potential.
- The soils are designated as "Pyote and Maljamar fine sands" consisting of 24 inches of fine sand, underlain by 26 inches of sandy clay loam, and 10 inches of cemented material (caliche) in descending order.
- The surface geology is eolian and piedmont deposits (Holocene to middle Pleistocene), interlaid with eolian sands and piedmont-slope deposits.
- Groundwater occurs at depth greater than 115 feet beneath ground surface (bgs) based on depth to groundwater measurements collected from soil boring SB-01 located less than 0.5 miles from the Site.

Appendix B presents karst potential map. Appendix C presents the boring log.

1.3 Remediation Standards

The following remediation standards are based on closure criteria for soils impacted by a release at depths greater than 4.1 feet bgs, where groundwater is greater than a hundred feet, as presented in Table 1 of 19.15.29 NMAC:

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 2,500 mg/Kg

1RP-5583
 Closure Report
 Chevron USA, Inc., Salado Draw Pad 15
 Produced Water Release
 May 10, 2021

- Chloride 20,000 mg/Kg

Furthermore, 19.15.29.13 NMAC (Restoration, Reclamation and Re-Vegetation) requires the operator to restore the impacted surface area that existed prior to the release or their final land use.

2.0 DELINEATION

On June 28, 2019, LAI personnel collected soil samples with a stainless-steel hand auger from thirteen (13) sample locations (HA-1 through HA-13). The samples were collected inside of the spill area and in each cardinal direction (north, east, south, west) outside the spill to delineate the release. The samples were collected at one (1) foot intervals to approximately two (2) feet bgs. The soil samples were delivered under chain of custody and preservation to Permian Basin Environmental Lab (PBEL) in Midland, Texas. The laboratory analyzed the samples for benzene, toluene, ethylbenzene, and xylenes (BTEX), total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35), and chloride by EPA SW-846 Methods 8021B, 8015M, and Method 300E, respectively. Figure 2 presents an aerial map showing the sample locations.

Benzene, BTEX, and TPH were reported below the analytical method reporting limits (RL) and OCD remediation levels of 10 milligrams per kilogram (mg/Kg), 50 mg/Kg, and 100 mg/Kg, respectively. Chloride exceeded the surface restoration limit (19.15.29.13 NMAC) of 600 mg/Kg in the following samples:

<i>Sample ID</i>	<i>Depth (Feet)</i>	<i>Chloride (mg/Kg)</i>
HA-2	0-1	3,000
HA-3	0-2	6,850
HA-3	1-2	4,910
HA-5	0-1	4,890
HA-5	1-2	4,350
HA-6	1-2	9,270
HA-8	0-1	6,600
HA-8	1-2	8,840
HA-9	0-1	7,280
HA-9	1-2	7,210
HA-10	0-1	8,220
HA-10	1-2	7,510
HA-11	0-1	1,740
HA-13	0-1	6,970
HA-13	1-2	7,720

On August 21 and 22, 2019, LAI personnel used direct push technology (DPT) to further delineate the release. Soil samples were collected at 5 and 10 feet bgs, depending on subsurface conditions. The samples were delivered under chain of custody and preservation to PBEL and analyzed for chloride by Method 300E. All sample locations were delineated below remediation standard for chloride (600 mg/kg).

1RP-5583
Closure Report
Chevron USA, Inc., Salado Draw Pad 15
Produced Water Release
May 10, 2021

less than about 4 feet bgs. Table 1 presents the soil sample analytical data summary. Appendix D presents the laboratory reports.

3.0 REMEDIATION

Between February 24, 2021 and March 11, 2021, P2 Construction, Inc. (P2), under supervision of LAI personnel, excavated soil encompassing sample locations HA-5 through HA-10 and HA-13, to approximately three (3) feet bgs from an area measuring 13,217 square feet. Soil was also removed to about 1-foot bgs from areas measuring approximately 997 square feet and 1,119 square feet encompassing sample locations HA-2 and HA-11, respectfully. Contaminated soil was stockpiled on a liner adjacent to the excavation and transported to the Waste Management Landfill near Orla, Texas.

Between March 8, 2021 and March 11, 2021, LAI personnel collected eighty-nine (89) confirmation samples from the bottom and sidewalls of the excavation. The soil samples were delivered under chain of custody and preservation to PBEL in Midland, Texas. The laboratory analyzed the samples for BTEX, TPH, and chloride by EPA SW-846 Methods 8021B, 8015M, and 300E, respectively. Benzene, BTEX, and TPH were reported below OCD remediation standards in all confirmation composite soil samples. Chloride was reported above OCD remediation standard of 600 mg/Kg in composite sample C-63 (1,000 mg/Kg).

On March 30, 2021, P2, under the supervision of LAI personnel, excavated soil to 4.1 feet bgs from an area measuring 200 square feet surrounding sample location C-63. The impacted soil was transported to the Waste Management Landfill near Orla, Texas. A subsequent confirmation soil sample was collected and delivered to Eurofins-Xenco (Xenco) in Midland, Texas. The laboratory reported benzene, BTEX, TPH and chloride below the OCD remediation standards.

LAI personnel collected seven (7) composite samples (BF-1 through BF-7) of clean topsoil from EOG Resources, Inc, "Rattlesnake" borrow pit. Xenco analyzed the samples for benzene, BTEX, TPH and chloride. BTEX and TPH were below the analytical method RL and chloride was less than 600 mg/Kg in all samples.

Between April 29, 2021 and May 1, 2021, the excavation was backfilled to ground surface with clean topsoil. On May 2, 2021, the excavation area was seeded with Bureau of Land Management (BLM) Mix #2. Figure 4 presents the soil excavations and confirmation sample locations. Table 2 presents the confirmation and backfill sample analytical data summary. Appendix D presents the laboratory reports. Appendix E presents the waste manifests. Appendix F presents photographs.

4.0 CLOSURE REQUEST

Chevron requests no further action for this release.

Tables

Table 1
Soil Sample Analytical Data Summary
Chevron USA, SD Pad 15 Produced Water Spill
Lea County, New Mexico
N 32.03518°, W -103.62980°

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	>C12 - C28 (mg/Kg)	>C28 - C35 (mg/Kg)	C6 - C35 (mg/Kg)	Chloride (mg/Kg)
RRAL				10	50	2,500				20,000
HA-1	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	228
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	89.2
HA-2	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	3,000
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<25.5	<25.5	<25.5	<25.5	338
HA-3	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	6,850
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.3	<26.3	<26.3	<26.3	4,910
	5	8/21/2019	In-situ	--	--	--	--	--	--	899
	10	8/21/2019	In-situ	--	--	--	--	--	--	50.8
HA-4	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.5	<25.5	<25.5	<25.5	9.09
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<27.5	<27.5	<27.5	<27.5	11.2
HA-5	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	4,890
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	4,350
	5	8/22/2019	In-situ	--	--	--	--	--	--	9.86
	10	8/22/2019	In-situ	--	--	--	--	--	--	1.54
HA-6	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	50.9
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	9,270
	5	8/22/2019	In-situ	--	--	--	--	--	--	10.3
HA-7	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	184
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	25.4
HA-8	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	6,600
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	8,840
	5	8/22/2019	In-situ	--	--	--	--	--	--	11.8

Table 1
Soil Sample Analytical Data Summary
Chevron USA, SD Pad 15 Produced Water Spill
Lea County, New Mexico
N 32.03518°, W -103.62980°

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	>C12 - C28 (mg/Kg)	>C28 - C35 (mg/Kg)	C6 - C35 (mg/Kg)	Chloride (mg/Kg)
RRAL				10	50	2,500				20,000
HA-9	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	7,280
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	7,210
	5	8/22/2019	In-situ	--	--	--	--	--	--	9.63
HA-10	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	8,220
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	7,510
	5	8/22/2019	In-situ	--	--	--	--	--	--	15.4
HA-11	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	1,740
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	107
HA-12	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	58.3
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<27.2	<27.2	<27.2	<27.2	3.37
HA-13	0 - 1	06/28/2019	In-situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	6,970
	1 - 2	06/28/2019	In-situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	7,720
	5	8/22/2019	In-situ	--	--	--	--	--	--	2.36
	10	8/22/2019	In-situ	--	--	--	--	--	--	2.76

Notes: analysis performed by Permian Basin Environmental Lab by EPA SW-846 Method 8021B (BTEX), 8015M (TPH) and 300E (chloride).

Depth in feet below ground surface (bgs)

mg/Kg: milligrams per kilogram

Exceeds New Mexico OCD Remediation Standard

Table 2
Confirmation Soil Sample Analytical Data Summary
Chevron USA, Salado Draw Pad 15
Lea County, New Mexico
N 32.03518°, W -103.62980°

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RAL:					10	50	100/2,500			600/20,000	
C-1	Sidewall	0-2	03/08/2021	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	22.3
C-2	Sidewall	0-2	03/08/2021	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	96.1
C-3	Sidewall	0-2	03/08/2021	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	22
C-4	Sidewall	0-2	03/08/2021	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	12.9
C-5	Bottom	2	03/08/2021	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	23.3
C-6	Bottom	2	03/08/2021	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	40.8
C-7	Bottom	2	03/08/2021	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	11.4
C-8	Bottom	2	03/08/2021	In-Situ	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	21.1
C-9	Bottom	2	03/08/2021	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	5.02
C-10	Sidewall	0-2	03/08/2021	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	253
C-11	Sidewall	0-2	03/08/2021	In-Situ	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	11.3
C-12	Sidewall	0-2	03/08/2021	In-Situ	0.00604	0.0131	<50.0	<50.0	<50.0	<50.0	5.05
C-13	Sidewall	0-2	03/08/2021	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	9.81
C-14	Bottom	2	03/08/2021	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	1.49
C-15	Bottom	2	03/08/2021	In-Situ	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	71
C-16	Bottom	2	03/08/2021	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	49.2
C-17	Bottom	2	03/08/2021	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	32
C-18	Bottom	2	03/08/2021	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	27.4
C-19	Bottom	3	03/09/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	15.8
C-20	Bottom	3	03/09/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	17.0
C-21	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	21.3
C-22	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	5.65
C-23	Bottom	3	03/09/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	6.28
C-24	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	4.28
C-25	Bottom	3	03/09/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	7.50
C-26	Bottom	3	03/09/2021	In-Situ	<0.00100	<0.00100	<25.0	<25.0	<25.0	<25.0	23.3
C-27	Bottom	3	03/09/2021	In-Situ	<0.00100	<0.00100	<25.0	<25.0	<25.0	<25.0	16.2
C-28	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	33.6
C-29	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	30.0
C-30	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	36.8

Table 2
Confirmation Soil Sample Analytical Data Summary
Chevron USA, Salado Draw Pad 15
Lea County, New Mexico
N 32.03518°, W -103.62980°

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RAL:					10	50	100/2,500			600/20,000	
C-31	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	23.8
C-32	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	21.7
C-33	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	147
C-34	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	471
C-35	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	23.6
C-36	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-37	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-38	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-39	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-40	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-41	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-42	Bottom	3	03/09/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	1.77
C-43	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	75.3
C-44	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	8.26
C-45	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	1.27
C-46	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-47	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-48	Bottom	3	03/09/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	<1.02
C-49	Bottom	3	03/09/2021	In-Situ	<0.00100	<0.00100	<25.0	<25.0	<25.0	<25.0	11.9
C-50	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	182
C-51	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	14.2
C-52	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	208
C-53	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	64.4
C-54	Bottom	3	03/09/2021	In-Situ	<0.00101	<0.00100	<25.3	<25.3	<25.3	<25.3	4.46
C-55	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	4.29
C-56	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	4.48
C-57	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-58	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-59	Bottom	3	03/10/2021	In-Situ	<0.00100	<0.00100	<25.0	<25.0	<25.0	<25.0	9.87
C-60	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01

Table 2
Confirmation Soil Sample Analytical Data Summary
Chevron USA, Salado Draw Pad 15
Lea County, New Mexico
N 32.03518°, W -103.62980°

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RAL:					10		50		100/2,500		600/20,000
C-61	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	<1.01
C-62	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	40.6
C-63 (2)	Bottom	3	03/10/2021	Excavated	<0.00101	<0.00101	<26.0	<26.0	<26.0	<26.0	1,000
		4.1	03/30/2021	In-Situ	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	724
C-64	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	112
C-65	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	121
C-66	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	83.1
C-67	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	89.6
C-68	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	16.0
C-69	Bottom	3	03/10/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	282
C-70	Bottom	3	03/10/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	188
C-71	Bottom	3	03/10/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	49.5
C-72	Bottom	3	03/10/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	154
C-73	Bottom	3	03/10/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	470
C-74	Bottom	3	03/10/2021	In-Situ	<0.00104	<0.00104	<26.0	<26.0	<26.0	<26.0	265
C-75	Bottom	3	03/10/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	65.0
C-76	Bottom	3	03/10/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	166
C-77	Bottom	3	03/10/2021	In-Situ	<0.00103	<0.00103	<25.8	<25.8	<25.8	<25.8	15.1
C-78	Bottom	3	03/10/2021	In-Situ	<0.00106	<0.00106	<26.6	<26.6	<26.6	<26.6	66.7
C-79	Sidewall	0-3	03/11/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	8.54
C-80	Sidewall	0-3	03/11/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	13.2
C-81	Sidewall	0-3	03/11/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	1.65
C-82	Sidewall	0-3	03/11/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	50.9
C-83	Sidewall	0-3	03/11/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	296
C-84	Sidewall	0-3	03/11/2021	In-Situ	<0.00102	<0.00102	<25.5	<25.5	<25.5	<25.5	119
C-85	Sidewall	0-3	03/11/2021	In-Situ	<0.00101	<0.00101	<25.3	<25.3	<25.3	<25.3	5.76
C-86	Sidewall	0-3	03/11/2021	In-Situ	<0.00133	<0.00133	<33.3	<33.3	<33.3	<33.3	36.3
C-87	Sidewall	0-3	03/11/2021	In-Situ	<0.00116	<0.00116	<29.1	<29.1	<29.1	<29.1	<1.16
C-88	Sidewall	0-3	03/11/2021	In-Situ	<0.00105	<0.00105	<26.3	<26.3	<26.3	<26.3	<1.05
C-89	Sidewall	0-3	03/11/2021	In-Situ	<0.00100	<0.00100	<25.0	<25.0	<25.0	<25.0	17.3

Table 2
Confirmation Soil Sample Analytical Data Summary
Chevron USA, Salado Draw Pad 15
Lea County, New Mexico
N 32.03518°, W -103.62980°

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RAL:					10	50	100/2,500			600/20,000	
BF-1 ⁽²⁾	--	--	03/30/2021	In-Situ	<0.00200	0.0217	<49.9	<49.9	<49.9	<49.9	10.0
BF-2 ⁽²⁾	--	--	03/30/2021	In-Situ	<0.00200	0.0111	<49.9	<49.9	<49.9	<49.9	9.77
BF-3 ⁽²⁾	--	--	03/30/2021	In-Situ	<0.00201	0.0156	<49.9	<49.9	<49.9	<49.9	7.22
BF-4 ⁽²⁾	--	--	03/30/2021	In-Situ	<0.00199	0.00948	<50.0	<50.0	<50.0	<50.0	9.37
BF-5 ⁽²⁾	--	--	03/30/2021	In-Situ	<0.00198	0.00588	<50.0	<50.0	<50.0	<50.0	8.26
BF-6 ⁽²⁾	--	--	03/30/2021	In-Situ	<0.00200	0.0104	<49.9	<49.9	<49.9	<49.9	11.7
BF-7 ⁽²⁾	--	--	03/30/2021	In-Situ	<0.00202	<0.00202	<50.1	<50.1	<50.1	<50.1	15.2

Notes:

Analysis performed by PBEL, by EPA-846 Methods 8021B (BTEX), 8015M (TPH), and Method 300 (chloride)

⁽²⁾: analysis performed by Eurofins-Xenco (Xenco), Midland, Texas, by EPA SW-846 Methods 8021B (BTEX), 8015M (TPH), and Method 300 (chloride)

bgs: blow ground surface

mg/Kg: milligrams per kilogram; equivalent to parts per million (ppm)

Bold and highlighted denotes concentrations above OCD closure criteria.

Figures

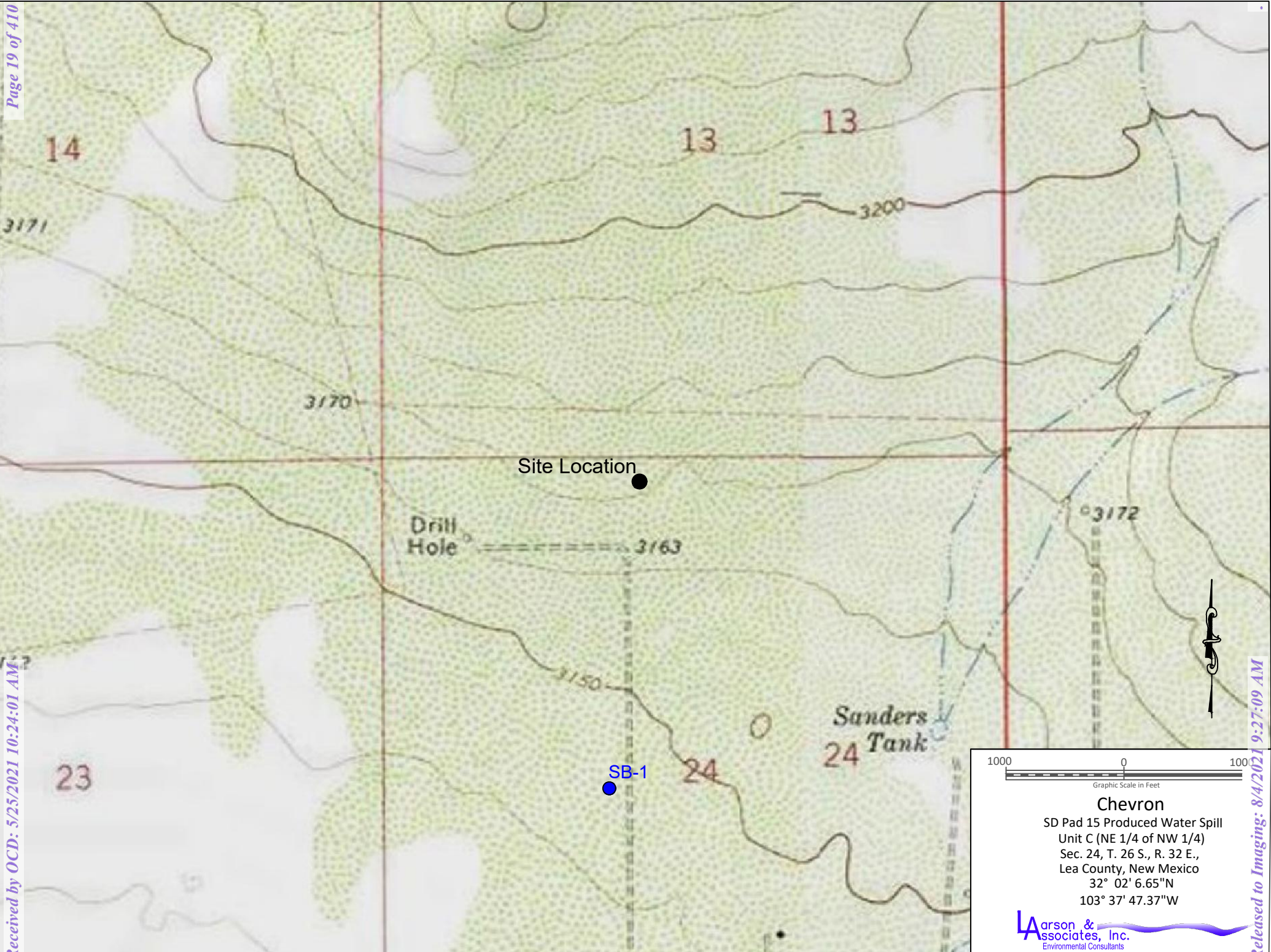
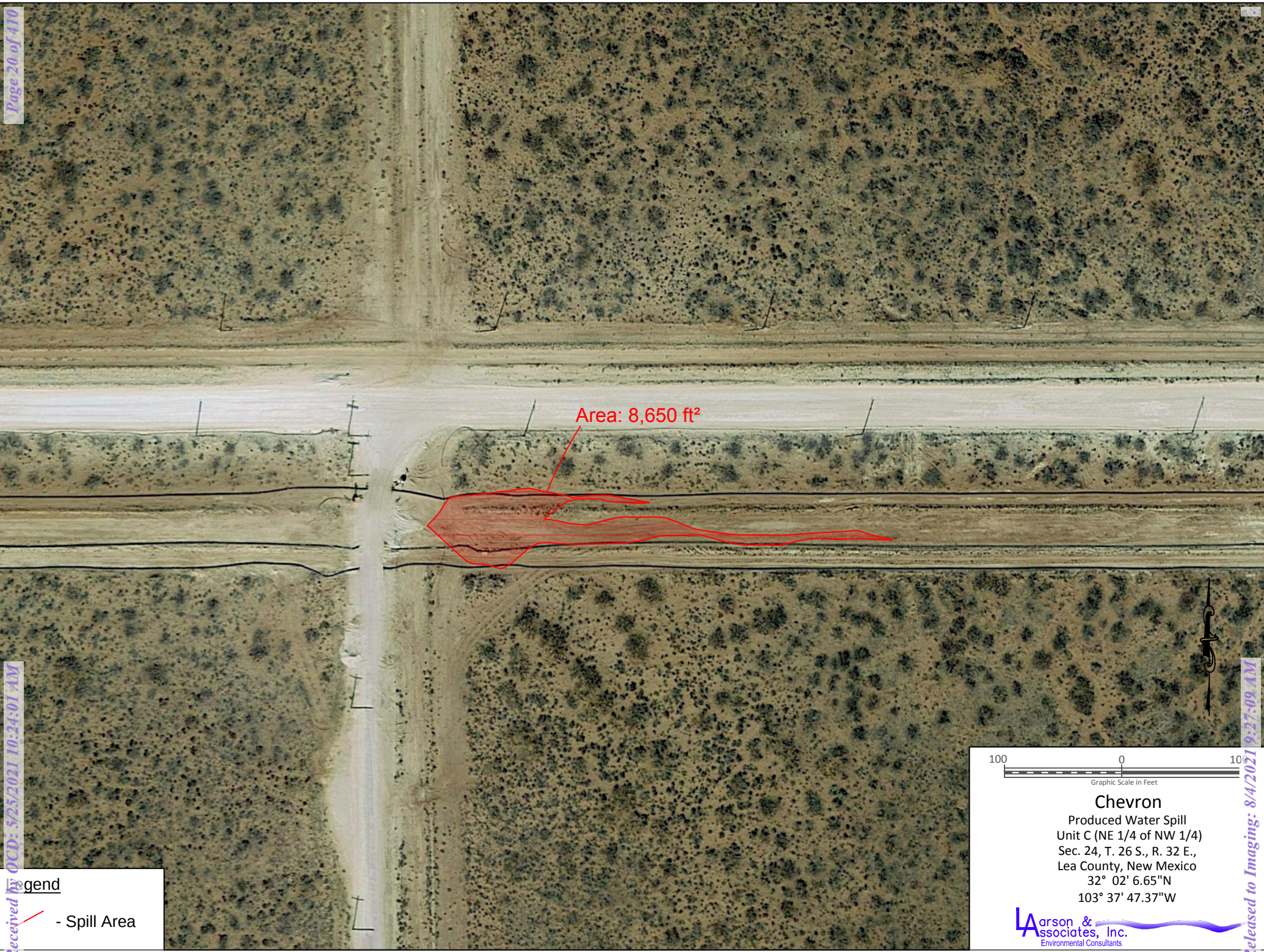


Figure 1 - Topographic Map Showing Soil Boring Location



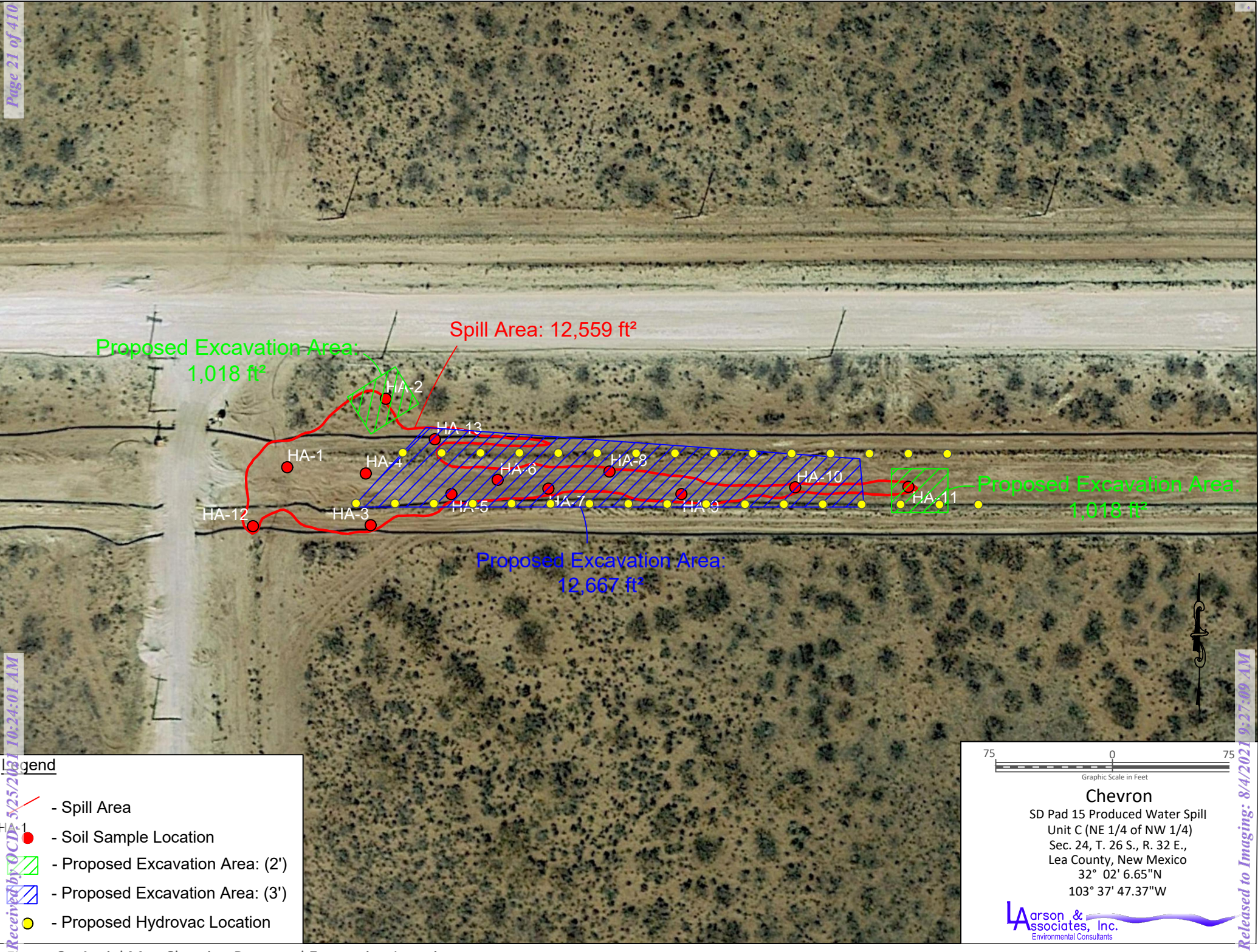
Legend
- Spill Area

100 0 10
Graphic Scale in Feet

Chevron
Produced Water Spill
Unit C (NE 1/4 of NW 1/4)
Sec. 24, T. 26 S., R. 32 E.,
Lea County, New Mexico
32° 02' 6.65"N
103° 37' 47.37"W

Larson & Associates, Inc.
Environmental Consultants

Figure 2 - Aerial Map



Legend

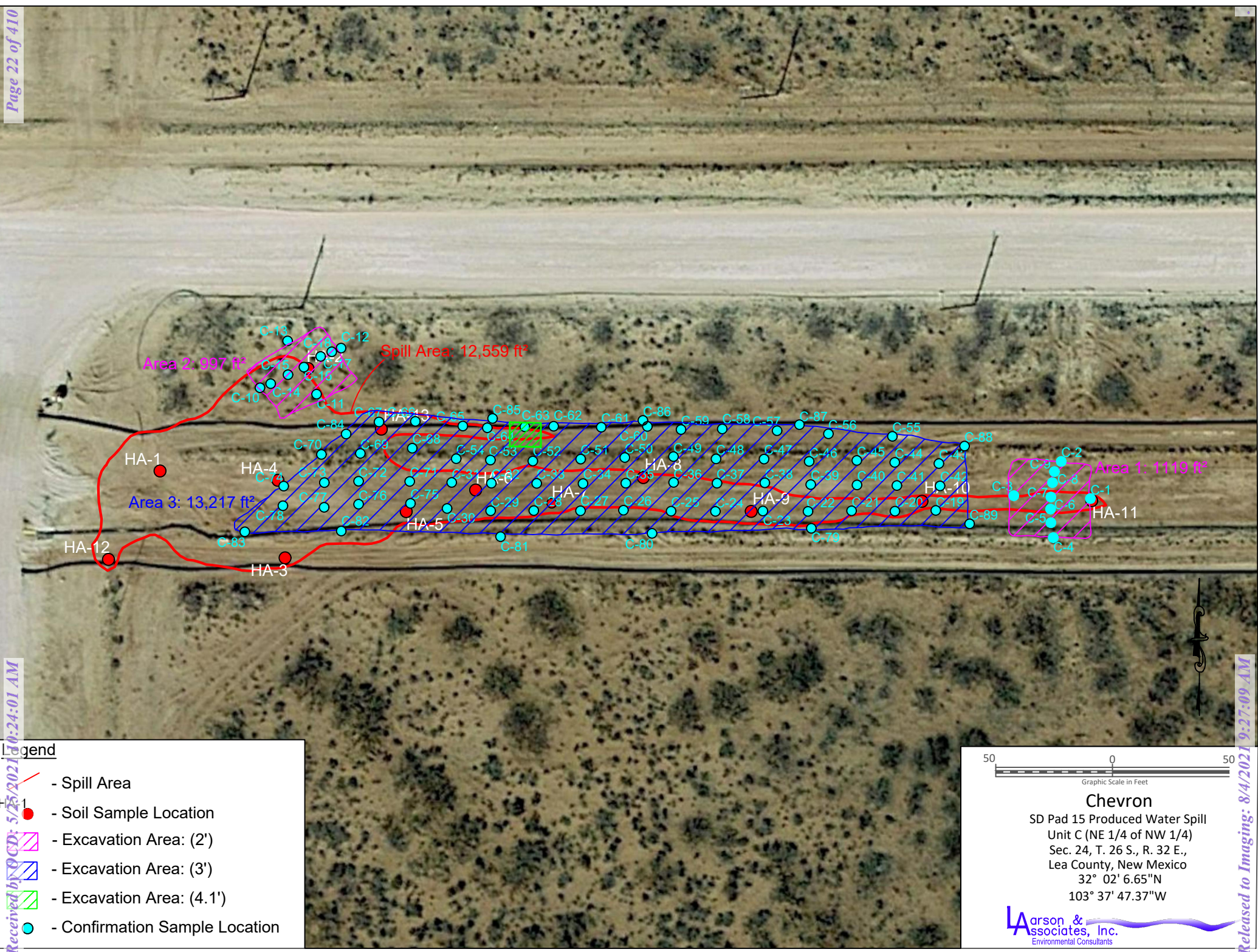
- Spill Area
- Soil Sample Location
- Proposed Excavation Area: (2')
- Proposed Excavation Area: (3')
- Proposed Hydrovac Location

75 0 75
Graphic Scale in Feet

Chevron
SD Pad 15 Produced Water Spill
Unit C (NE 1/4 of NW 1/4)
Sec. 24, T. 26 S., R. 32 E.,
Lea County, New Mexico
32° 02' 6.65"N
103° 37' 47.37"W

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Figure 3 - Aerial Map Showing Proposed Excavation Locations



Appendix A

Initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NDHR1917930656
District RP	IRP-5583
Facility ID	
Application ID	pDHR1917930486

Release Notification

Responsible Party

Responsible Party: Chevron USA Inc.	OGRID: 4323
Contact Name: Josepha DeLeon	Contact Telephone: 575-263-0424
Contact email: jdx@chevron.com	Incident # (assigned by OCD) NDHR1917930656
Contact mailing address: 1616 W. Bender Blvd., Hobbs, NM 88242	

Location of Release Source

Latitude 32.021226 Longitude -103.600054

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: SD EA 2932 Federal Comp P11 #014H	Site Type: Oil
Date Release Discovered: 06/15/2019; 04:00 AM	API# (if applicable): 30-025-44334

Unit Letter	Section	Township	Range	County
D	29	26S	33E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water (and fresh water)	Volume Released (bbls): 29.7 barrels	Volume Recovered (bbls): 0 barrels
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Incident ID	NDHR1917930656
District RP	1RP-5583
Facility ID	
Application ID	pDHR1917930486

Cause of Release:

Ruptured layflat on discharge inline pump. Immediately shut down frac job and replaced hose.

Was this a major release as defined by 19.15.29.7(A) NMAC?

☒ Yes ☐ No

If YES, for what reason(s) does the responsible party consider this a major release?

Greater than 25 barrels.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Email and voicemail notification to Dylan Rose-Coss (NMOCD) on June 15, 2016 at 09:22 pm and follow up phone call on June 16, 2016 at 08:00 am and phone call to Jim Amos (NMOCD) on June 15, 2019 at 09:22 p.m.

Initial Response

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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

State of New Mexico
Oil Conservation Division

Page 3

Incident ID	
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.



Signature:

Date: **June 24, 2019**

Printed Name: **Joseph DeLeon**

Title: **Environmental Compliance Specialist**

email: **jdx@chevron.com**

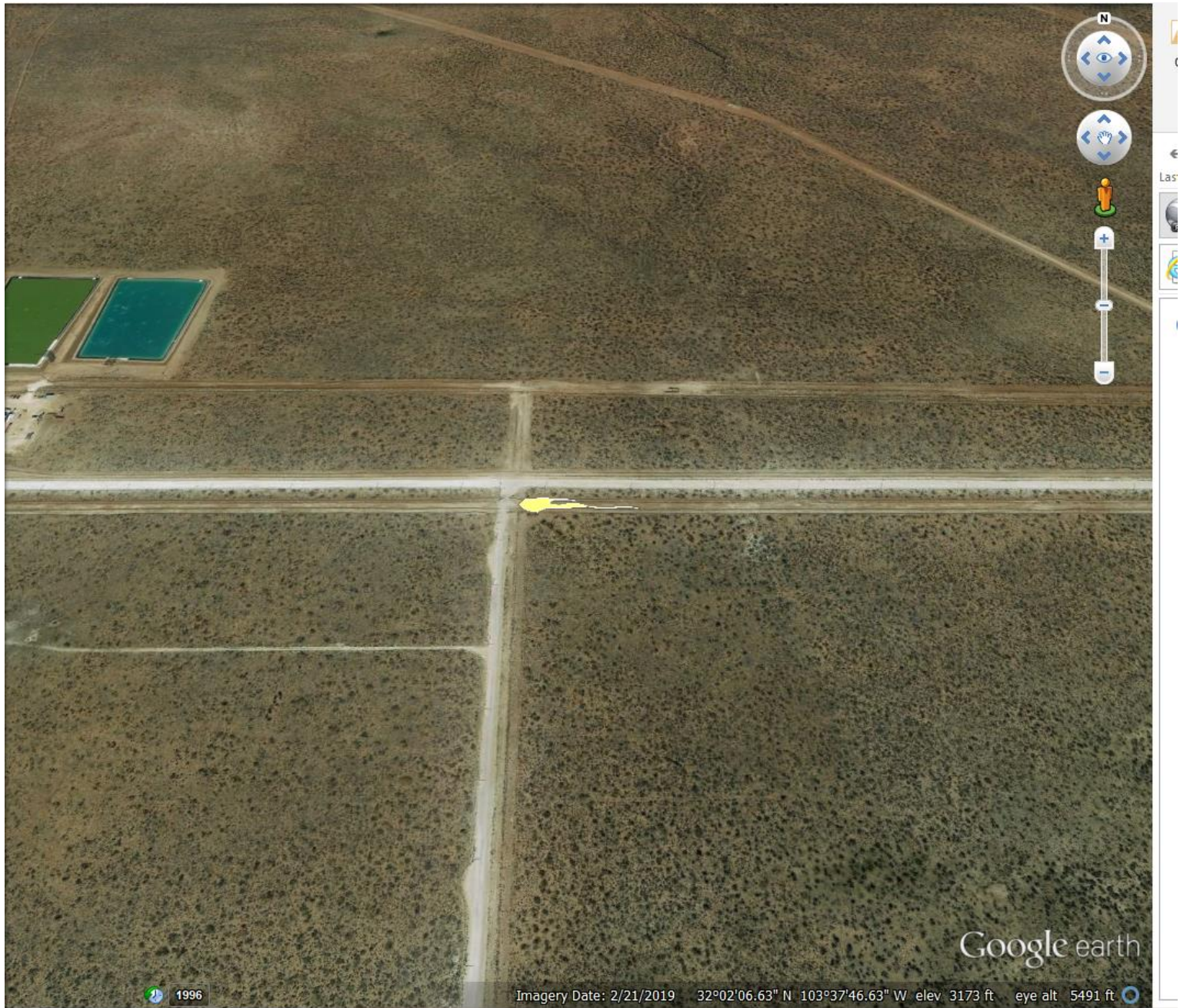
Telephone: **(575) 263-0424**

OCD Only

Received by: **Dylan Rose-Coss**

Date: **06/28/2019**

Incident ID	
District RP	
Facility ID	
Application ID	



Appendix B
Karst Risk Potential



- Layers

- ## Medium

Appendix C

Boring Log

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:35 MDT Finish: 15:15 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE			REMARKS		
					PPM X <u>1</u>										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING	
					2	4	6	8	10	12	14	16	18							
	0	Silty Sand, 5YR 5/4, Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted, Dry	ML																	
	5															1				
	10	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted, Dry																		
	15		Caliche																	
	20																			
	25															2				
	30	Silty Sand, 5YR 5/4, Reddish Brown, Fine Grained Quartz Sand with Caliche Clasts (~10mm), Poorly Sorted	ML													3				
	35	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted with Subangular Clasts (~10mm)	Caliche																	
	40															4				
	45	Silty Sand, 5YR 6/4, Light Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted with Subangular Caliche Clasts (~10mm)																		
	50		ML																	
	55																			
	60																			

☐ ONE CONTINUOUS AUGER SAMPLER

WATER TABLE (TIME OF BORING)

☐ STANDARD PENETRATION TEST

LABORATORY TEST LOCATION

☐ UNDISTURBED SAMPLE

PENETROMETER (TONS/ SQ. FT)

WATER TABLE (24 HRS)

NO RECOVERY

JOB NUMBER : Chevron/ 19-0180-01HOLE DIAMETER : 2"LOCATION : Salado Draw 24 CTBLAI GEOLOGIST : E. ChavezDRILLING CONTRACTOR : ScarboroughDRILLING METHOD : Air Rotary

Larson & Associates, Inc.
Environmental Consultants

 DRILL DATE :
04-14-2020

 BORING NUMBER :
SB-01

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:35 MDT Finish: 15:15 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE		REMARKS		
					PPM X <u>1</u>										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING
					2	4	6	8	10	12	14	16	18	SOIL : _____ PPM					
	65	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained, Poorly Sorted with Subangular Caliche and Black Chert Clasts (~0.5mm)	ML												5		66		
	70																70		
	75																	75	
	80																	80	
	85																85		
	90	Silty Sand, 5YR 4/6, Yellowish Red, Fine Grained, Poorly Sorted with Subangular Caliche (~2mm)	ML														90		
	95																95		
	100																100		
	101.5														6		101.5		
	105																105		
		TD:101.5' Dry After 72 Hours																	



ONE CONTINUOUS AUGER SAMPLER



WATER TABLE (TIME OF BORING)



STANDARD PENETRATION TEST



LABORATORY TEST LOCATION



UNDISTURBED SAMPLE



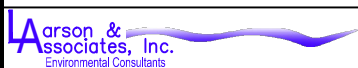
PENETROMETER (TONS/ SQ. FT)



WATER TABLE (24 HRS)



NR NO RECOVERY



DRILL DATE :

04-14-2020

BORING NUMBER :

SB-01

JOB NUMBER : Chevron/ 19-0180-01HOLE DIAMETER : 2"LOCATION : Salado Draw 24 CTBLAI GEOLOGIST : E. ChavezDRILLING CONTRACTOR : ScarboroughDRILLING METHOD : Air Rotary

Appendix E
Waste Manifests

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3337 ✓ NON-HAZARDOUS WASTE MANIFEST					1. PAGE ____ OF ____		2. TRAILER NO. 144				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS SAND, emulsified liquid										
	b.										
A T T R I B U T E S	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PROFILE NO.					
	cc: uepk 96034 muelson SWD										
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					24-HOUR EMERGENCY NO. 575-887-5676					
D I S P O S I T Y	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
	PRINTED TYPED NAME Anthony Taylor					SIGNATURE <i>Anthony Taylor</i>			DATE 3-11-21		
	16. TRANSPORTER (1) NAME PBM					17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: 2FVVM					IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432 237 1581					EMERGENCY PHONE:					
D I S P O S I T Y	18. TRANSPORTER (1): Acknowledgment of receipt of material					19. TRANSPORTER (2): Acknowledgment of receipt of material					
	PRINTED/TYPED NAME Eduardo Moreno					PRINTED/TYPED NAME					
	SIGNATURE Eduardo Moreno DATE 3-12-21					SIGNATURE DATE					
	ADDRESS 169500					PHONE: 3-12-21					
	PERMIT NO. 42970					20. COMMENTS					
D I S P O S I T Y	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YPDS

TRANSPORTER: COPY 2

WILP 6640

DISPOSAL SITE: COPY 3 & 4

26817

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR-3336 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. 159		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. SANDS SAND Produced liquid								
	b.								
	c.								
d.									
12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream SWD					13. WASTE PROFILE NO.				
14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME Rgm IN CASE OF EMERGENCY CONTACT: @ LFYM EMERGENCY PHONE: 432 232-152				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia R SIGNATURE Fernando Garcia R DATE 3-12-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
D I S C P O S I T I O N A L Y	ADDRESS: Ode 664120		PHONE: 310 070m						
	PERMIT NO. T3250		20. COMMENTS 34270			010:24am			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. 3-12-21								
AUTHORIZED SIGNATURE					CELL NO.	DATE	TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

COPY 20 YRS WHP 6649

26818

CHEVRON MCBU						
Carlsbad, NM						
NO #CAR-3335		NON-HAZARDOUS WASTE MANIFEST		1. PAGE ___ OF ___	2. TRAILER NO. 1414	
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD	4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3-12-21		
	PHONE NO. 575-887-5676	CITY CARLSBAD, NM	STATE NM	ZIP 88220	6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL
	a. <u>SOLIDS SAND PRODUCED LIQUID</u>					
A T T R I B U T E S	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>WEEK 903X API 3002545122001</u>			13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD			24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above:					
	PRINTED TYPED NAME <u>Andy Taylor</u>			SIGNATURE <u>[Signature]</u>		DATE 3-11-21
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME <u>PR</u>		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: <u>LEVER</u>		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: <u>432.232.1501</u>		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>Eduardo Moreno</u>			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME		
D I S P O S I T I O N	SIGNATURE <u>Eduardo Moreno</u>		SIGNATURE		DATE	
	ADDRESS: <u>760080</u>		PHONE: <u>3-12-21</u>			
	PERMIT NO. <u>T33080</u>		20. COMMENTS <u>212:53pm</u>			
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
A U T H O R I Z E D	AUTHORIZED SIGNATURE <u>[Signature]</u>		CELL NO.		DATE	
					TIME <u>01:06pm</u>	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 XRA

TRANSPORTER: COPY 2

WHA 6649

DISPOSAL SITE: COPY 3 & 4

26827

CHEVRON MCBU Carlsbad, NM									
NO #CAR-3334		NON-HAZARDOUS WASTE MANIFEST			1. PAGE ___ OF ___		2. TRAILER NO. 159		
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-12-21			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a.								
	b.								
	c.								
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: 9603x APP 30075+51270001 nail 50m sm-d			13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
TRANSPORTER'S CERTIFICATION	PRINTED TYPED NAME Anthony Taylor			SIGNATURE <i>[Signature]</i>			DATE 3-11-21		
	16. TRANSPORTER (1) NAME P 4m IN CASE OF EMERGENCY CONTACT: LKXVA EMERGENCY PHONE: 7432-232-152			17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia R			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME					
	SIGNATURE Fernando Garcia R DATE 3-12-21			SIGNATURE DATE					
DISPOSAL FACILITY CERTIFICATION	F Ode		ADDRESS: 945320			PHONE: 3-12-21			
	PERMIT NO.		20. COMMENTS T36740 3-12-21pm						
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE T 2022			CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20

XAROS

TRANSPORTER: COPY 2

WILL 6649

DISPOSAL SITE: COPY 3 & 4

26828

CHEVRON MCBU Carlsbad, NM					
NO #CAR-3519		NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1	2. TRAILER NO. 01
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3-5-21
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. SOLIDS, SAND, PRODUCED LIQUID				
	b.				
	c.				
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: OC: 40PK 9203X API: 30025451270001 maelstrom SWD			13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME STEPHEN POE		SIGNATURE Stephen Poe		DATE 3-5-21
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: V. Leyva EMERGENCY PHONE: 432.232.1500		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
DISPOSAL FACILITY'S CERTIFICATION	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Rafael Sagner SIGNATURE DATE 3-5-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	ADDRESS: G 59660		PHONE: 3521		
	PERMIT NO. T8000		20. COMMENTS 30120 312-12pm		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU					
Carlsbad, NM					
NO #CAR-3848		NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1	2. TRAILER NO. 144
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676	4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3/11/2021 14	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. SOLID SOIL PACKED HAND				
	b.				
	c.				
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC 4CPC 9203X API 3002545127000		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD		24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
DISPOSAL	PRINTED TYPED NAME STEPHEN POR		SIGNATURE Step P		DATE 3/11/2021
	16. TRANSPORTER (1) NAME P&M		17. TRANSPORTER (2) NAME		
	IN CASE OF EMERGENCY CONTACT: Victor Leyva EMERGENCY PHONE: 432 232 1520		IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Mayeno SIGNATURE Eduardo Mayeno DATE 3/11/21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
DISPOSAL	ADDRESS: Orto		PHONE: 711:20m		
	PERMIT NO. 7822		20. COMMENTS T46330		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRDS

TRANSPORTER: COPY 2

WILL 6649

DISPOSAL SITE: COPY 3 & 4

26672

CHEVRON MCBU Carlsbad, NM					
NO #CAR-3333		NON-HAZARDOUS WASTE MANIFEST		1. PAGE ___ OF ___	2. TRAILER NO. 01
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676	4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220	5. PICK-UP DATE 3-31-21		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. 52125 SMD 22000000 liquid				
	b.				
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: WCPK 01024 H01 30075451270001 Muel Stron SMD		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME [Signature]		SIGNATURE [Signature]		DATE 3-31-21
DISPOSAL FACILITY'S CERTIFICATION	16. TRANSPORTER (1) NAME RPM IN CASE OF EMERGENCY CONTACT: 28400 EMERGENCY PHONE: 132 232 152		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Jonathan SIGNATURE [Signature] DATE 3-31-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	ADDRESS: 010 980300		PHONE: 33021		
	PERMIT NO. 78220		20. COMMENTS T 49210		
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 WHP 6649 TRANSPORTER: COPY 2 TK # 01 (B)

DISPOSAL SITE: COPY 3 & 4 28092

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3850		NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 144			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/11/2021					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. Solids, sand, reduced liquid										
	b.										
	c.										
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: Ct 402K 9203V 1991 30025431270001					13. WASTE PROFILE NO. hualstons SWD					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL	PRINTED TYPED NAME STEPHEN POE				SIGNATURE Stephen Poe			DATE 3/5/2021			
	16. TRANSPORTER (1) NAME R8m IN CASE OF EMERGENCY CONTACT: LEYVA EMERGENCY PHONE: 432-232-1583				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno SIGNATURE Eduardo Moreno DATE 3/4/21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
DISPOSAL	ADDRESS: Orle		69960			PHONE:					
	PERMIT NO. 70020		42180			20. COMMENTS 14:37					
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME 04:51 26209			

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 XPS

TRANSPORTER: COPY 2

WAT 6640

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM									
NO #CAR-3502 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. 03		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE			
	PHONE NO. 575-887-5676					6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. Contaminated Soil, Produced Water								
	b.								
A C C E P T A N C E	12. COMMENTS OR SPECIAL INSTRUCTIONS: Cost code: UCPK9105x APC: 3002545127 max/strom SWP					13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
	PRINTED TYPED NAME Brette Miller					SIGNATURE Brette Miller			
	DATE 3/4/21								
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME M.A. IN CASE OF EMERGENCY CONTACT: V. Loya EMERGENCY PHONE: 432-232-1580					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Juan Arroyo SIGNATURE Juan Arroyo DATE 3/4/21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE			
	20. COMMENTS G 54900 T 35000					PHONE: In 3:33pm Out 3:50pm			
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE					CELL NO. DATE 26/16			

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM										
NO #CAR-3340		NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 005		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. Contaminated Dirt									
	b.									
	c.									
T R A N S P O R T E R	12. COMMENTS OR SPECIAL INSTRUCTIONS: ADT # 3150 E. GREENE ST. Carlsbad, NM 88220					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT									
	CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME M. J. F. M. M. M.					SIGNATURE M. J. F. M. M. M.			DATE 3-15-21	
D I S P O S I T Y	16. TRANSPORTER (1) NAME SDR IN CASE OF EMERGENCY CONTACT: MONTY EMERGENCY PHONE: 575-942-5455					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Kyle Mayes SIGNATURE Kyle Mayes DATE 3-15-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
	ADDRESS: C 65280					PHONE: 710-290m				
	PERMIT NO. 002					20. COMMENTS TSH270 010:30am				
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
AUTHORIZED SIGNATURE J. J. J. J. J.					CELL NO.		DATE 3-15-21		TIME	

204dd Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

TK 38 W496993

27007

CHEVRON										
MCBU										
Carlsbad, NM										
NO #CAR-3338		NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 053/002		
GENERATOR'S CERTIFICATION:	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/12/21				
	PHONE NO. 575-887-5676					6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
	a. Contaminated Soil									
	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ADI # 800501151370001 Cont Code: UCDK9463X					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
TRANSPORTER'S CERTIFICATION:	PRINTED TYPED NAME Marty				SIGNATURE Marty		DATE 3/12/21			
	16. TRANSPORTER (1) NAME SDR				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: Marty EMERGENCY PHONE: 575-942-5455				IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
DISPOSAL FACILITY'S CERTIFICATION:	ADDRESS: G79980		PHONE: T 10320m							
	PERMIT NO. Ode		20. COMMENTS T53220		O 10:48am					
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE T 8220				CELL NO.	DATE	TIME 3/15/21			

Disposal Site: Please complete Disposal Facility section at bottom of form and

204ds
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 WH96993 TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

TK53

27008

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3339 NON-HAZARDOUS WASTE MANIFEST						1. PAGE 1 OF 1		2. TRAILER NO.			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-15-21					
	PHONE NO. 575-887-5676					6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol	
	a.										
	b.										
	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: ATTN: 3150 E. GREENE ST. Carlsbad, NM 88220							13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD							24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER'S CERTIFICATION	16. TRANSPORTER (1) NAME SDR					17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: Monty					IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 575-942-5455					EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material					19. TRANSPORTER (2): Acknowledgment of receipt of material					
DISPOSAL FACILITY'S CERTIFICATION	PRINTED/TYPED NAME					PRINTED/TYPED NAME					
	SIGNATURE					SIGNATURE					
	DATE					DATE					
	ADDRESS:					PHONE:					
PERMIT NO. 709220					20. COMMENTS 311:11am						
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME 3-15-21		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 6993 TK44 204ds

27009

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3398		NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 144			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3-8-21					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol	
	a. SOLIDS SAND PRODUCED LIQUID										
b.											
c.											
d.											
12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream SWD					13. WASTE PROFILE NO.						
14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD											
24-HOUR EMERGENCY NO. 575-887-5676											
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.											
R	PRINTED TYPED NAME STEPHEN POE					SIGNATURE <i>Steph P</i>		DATE 3-5-2021			
	16. TRANSPORTER (1) NAME ROM					17. TRANSPORTER (2) NAME					
T R A N S P O R T E R S	IN CASE OF EMERGENCY CONTACT: LEYUN					IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432 232-1580					EMERGENCY PHONE:					
R	18. TRANSPORTER (1): Acknowledgment of receipt of material					19. TRANSPORTER (2): Acknowledgment of receipt of material					
	PRINTED/TYPED NAME Eduardo Moreno					PRINTED/TYPED NAME					
S	SIGNATURE Eduardo Moreno DATE 3-8-21					SIGNATURE DATE					
	DISPOSAL SITE: #20447					ADDRESS: 27 FM 652 West Orla, TX 79779					
D I S P O S I T O L S I T Y	PERMIT NO. G: 61440					20. COMMENTS: 10:35a.m.					
	T: 48150					10:48a.m.					
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE <i>[Signature]</i>					CELL NO.		DATE 3-8-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 **20 YRDS** TRANSPORTER: COPY 2 **WHIP 6649** DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3399		NON-HAZARDOUS WASTE MANIFEST				1. PAGE ___ OF ___		2. TRAILER NO. 148			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-8-21		6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS SAND, REDUCED LIQUID					20					
	b.										
A C T I V E	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream sub					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
	PRINTED TYPED NAME STEPHEN PEE					SIGNATURE Step PEE			DATE 3-5-2021		
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME RGM IN CASE OF EMERGENCY CONTACT: V. LEYVA EMERGENCY PHONE: 432 272 1582					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Osbaldo E. SIGNATURE: Osbaldo E. DATE: 3-8-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____					
	DISPOSAL SITE		ADDRESS: #26449 OMA, TX			PHONE:					
	PERMIT NO. G: 68160 T: 48200		20. COMMENTS i: 10:39am o: 10:51am								
D I S P O S I T I O N	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE [Signature]					CELL NO.		DATE 3-8-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YARDS

TRANSPORTER: COPY 2

WHIP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM <i>WHP-6649</i>											
NO #CAR-3400 NON-HAZARDOUS WASTE MANIFEST					1. PAGE <i>1</i> OF <i>1</i>		2. TRAILER NO. <i>1473</i>				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE <i>3-8-21</i>					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. <i>SOLIDS SAND PREPARED 42410</i>										
	b.										
T R A N S P O R T E R S	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>muls tran SWD</i>					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
D I S C I P L I N A R Y	PRINTED TYPED NAME <i>STEPHEN PEE</i>				SIGNATURE <i>Step P</i>			DATE <i>3-5-2021</i>			
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: <i>V. LEYVA</i>				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: <i>432 232-1523</i>				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: <i>Adam M. Morris</i> SIGNATURE: <i>AMM</i> DATE: <i>3-8-21</i>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____						
D I S C I P L I N A R Y	# <i>26450</i>		ADDRESS: <i>Orla, TX</i>			PHONE:					
	PERMIT NO. <i>A: 62580</i> <i>T: 46300</i>		20. COMMENTS: <i>10:40 a.m.</i> <i>0:10:53 a.m.</i>								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE: <i>[Signature]</i>				CELL NO.		DATE <i>3-8-21</i>		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

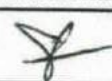
GENERATOR: COPY 1

20 XEDS

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM					
NO #CAR- 2530 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. 144
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/8/2021
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM 88220		6.
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				
	a. SOLIDS, SAND, PRODUCED LIQUID				
	b.				
TRANSPORTER'S CERTIFICATION	8. CONTAINERS No. Type				
	9. TOTAL QUANTITY				
	10. UNIT WT/Vol.				
	11.				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mark 92032 API: 3002541270001 mailstrom SWD				
13. WASTE PROFILE NO.					
14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
mark 92032 API: 3002541270001					
16. TRANSPORTER (1) NAME STEPHEN POE			17. TRANSPORTER (2) NAME Stephen Poe		
IN CASE OF EMERGENCY CONTACT: LEY UN			IN CASE OF EMERGENCY CONTACT:		
EMERGENCY PHONE: 432-232-1502			EMERGENCY PHONE:		
18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
PRINTED/TYPED NAME Eduardo Moreno			PRINTED/TYPED NAME		
SIGNATURE Eduardo Moreno DATE 3-8-21			SIGNATURE DATE		
# 26470		ADDRESS: Orla, TX 79770		PHONE:	
PERMIT NO. O: 60560		20. COMMENTS 1:12:50p.m.			
T: 41300		0: 1:04p.m.			
21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE 			CELL NO.		DATE 3-8-21
					TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM										
NO #CAR- 2528 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 148			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/8/2021				
	PHONE NO. 575-887-5676					6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS		9. TOTAL	10. UNIT	
						No. Type		QUANTITY	WT/Vol.	
	a. Solids, sand, produced liquid									
b.										
c.										
d.										
12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PROFILE NO.					
cc: UCPK 9203 API: 30025451270001 mail stn SWD										
14. IN CASE OF EMERGENCY OR SPILL, CONTACT										
CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
PRINTED TYPED NAME Stephen Poe					SIGNATURE Step Poe					
					DATE 3-5-2021					
T R A N S P O R T E R S	16. TRANSPORTER (1)					17. TRANSPORTER (2)				
	NAME R8 m					NAME				
	IN CASE OF EMERGENCY CONTACT: LEYVA					IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 432-232-1500					EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material					19. TRANSPORTER (2): Acknowledgment of receipt of material				
PRINTED/TYPED NAME Osbaldo E.					PRINTED/TYPED NAME					
SIGNATURE Osbaldo E. DATE 3-22					SIGNATURE DATE					
D I S P O S I T A L Y	#20471		ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770			PHONE:				
	PERMIT NO. G: 66920 T: 43820		20. COMMENTS i: 12:58p.m. o: 1:07p.m.							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE			CELL NO.		DATE		TIME		
						3-8-21				

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM																																							
NO #CAR- 2529 NON-HAZARDOUS WASTE MANIFEST 1. PAGE 1 OF 1 2. TRAILER NO. 423																																							
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/5/2021																																	
	PHONE NO. 575-887-5676					6.																																	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:																																						
	<table border="1"> <thead> <tr> <th>a.</th> <th>8. CONTAINERS No.</th> <th>Type</th> <th>9. TOTAL QUANTITY</th> <th>10. UNIT WT/Vol.</th> <th>11.</th> </tr> </thead> <tbody> <tr> <td>Solids, sand, produced liquid</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>b.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>c.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>d.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										a.	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	Solids, sand, produced liquid						b.						c.						d.				
a.	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.																																		
Solids, sand, produced liquid																																							
b.																																							
c.																																							
d.																																							
T R A N S P O R T E R S	12. COMMENTS OR SPECIAL INSTRUCTIONS: malstrom SND					13. WASTE PROFILE NO.																																	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676																																	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.																																						
	PRINTED TYPED NAME STEPHEN PDE					SIGNATURE Stephen Pde			DATE 3-5-2021																														
D I S P O S I T O R S	16. TRANSPORTER (1) NAME Rqm					17. TRANSPORTER (2) NAME																																	
	IN CASE OF EMERGENCY CONTACT: 25411					IN CASE OF EMERGENCY CONTACT:																																	
	EMERGENCY PHONE: 432-232-1576					EMERGENCY PHONE:																																	
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Adan Munkh					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME																																	
D I S P O S I T O R S	SIGNATURE Adan Munkh					SIGNATURE																																	
	DATE 3-8-21					DATE																																	
	#26472					ADDRESS: Oria Facility 27 FM 652 West																																	
	PERMIT NO. G: 65160 T: 41230					PHONE:																																	
D I S P O S I T O R S	20. COMMENTS 1:1:03p.m. 0:1:11p.m.																																						
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.																																						
	AUTHORIZED SIGNATURE [Signature]					CELL NO.		DATE 3-8-21		TIME																													

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM										
NO #CAR- <u>2531</u>		NON-HAZARDOUS WASTE MANIFEST				1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>144</u>		
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE <u>3/8/2021</u>				
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS		9. TOTAL		10. UNIT
	a. <u>SOLIDS, SAND, PRODUCED LIQUID</u>					No. Type		QUANTITY		WT/Vol.
	b.									
TRANSPORTER'S CERTIFICATION	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>malstrom</u>					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT <u>CC: WCPK 92034 API: 3002545127000 SWD</u>					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL SITE CERTIFICATION	PRINTED TYPED NAME <u>STEPHEN POE</u>				SIGNATURE <u>Step Poe</u>			DATE <u>3-5-2021</u>		
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: <u>LEYUA</u>				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: <u>432-332-1580</u>				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>Eduardo Moreno</u>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____					
SIGNATURE <u>Eduardo Moreno</u> DATE <u>3-8-21</u>				SIGNATURE _____ DATE _____						
DISPOSAL SITE ADDRESS: <u>#26479</u>		ADDRESS: <u>27 F27 FM 652 West</u> <u>Oria Oria, TX 79770</u>				PHONE:				
PERMIT NO. <u>G: 62520</u> <u>T: 43200</u>				20. COMMENTS <u>1:2:40pm.</u> <u>0:2:47pm.</u>						
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE <u>[Signature]</u>				CELL NO.		DATE <u>3-8-21</u>		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR- 2532 NON-HAZARDOUS WASTE MANIFEST					1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>148</u>			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE <u>3/4/2021</u>			
	PHONE NO. 575-887-5676			CITY CARLSBAD, NM 88220			6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY	
	a. <u>SOLIDS, SAND, produced liquid</u>								10. UNIT WT/Vol.	
	b.									
TRANSPORTER'S CERTIFICATION	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>mailstrom SWD</u>						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL FACILITY	PRINTED TYPED NAME <u>Stephen PDE</u>				SIGNATURE <u>[Signature]</u>			DATE <u>3-5-2021</u>		
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: <u>LFYU</u>				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: <u>432 332 1588</u>				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>[Signature]</u>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____					
SIGNATURE <u>[Signature]</u> DATE _____				SIGNATURE _____ DATE _____						
#26480				ADDRESS: 27 FM 652 West Orla, TX 79770			PHONE:			
PERMIT NO. <u>G: 70520 F: 49230</u>				20. COMMENTS <u>i: 2:41 p.m. o: 2:46 p.m.</u>						
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE <u>[Signature]</u>				CELL NO.		DATE <u>3-8-21</u>		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU						
Carlsbad, NM CUHA-6649						
NO #CAR- 2533 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. M73
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/25/2021	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. SOLIDS, SAND, Produced liquid					10. UNIT WT/Vol.
	b.					11.
TRANSPORTER	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mason				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT cc: ucpr 97036 At 30025451270001 SWD				24-HOUR EMERGENCY NO. 575-887-5676	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
DISPOSAL	PRINTED TYPED NAME STEPHEN POE		SIGNATURE <i>Stephen Poe</i>		DATE 3-5-2021	
	16. TRANSPORTER (1) NAME RPM		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: LUYUH		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: 432-1580		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Adan Murillo		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME			
SIGNATURE <i>Adan Murillo</i>		DATE 3-8-21		SIGNATURE		DATE
DISPOSAL	#26481		ADDRESS: 1: 27 FM 852 West Orla, TX 79770		PHONE:	
	PERMIT NO. G: 65640 T: 52960		20. COMMENTS i: 2:55pm o: 3:01pm			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE 3-8-21	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRP

TRANSPORTER: COPY 2

WHIP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON					
MCBU					
Carlsbad, NM					
NO #CAR- 2534		NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1	2. TRAILER NO. 148
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD	4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/9/2020	
	PHONE NO. 575-887-5676	CITY CARLSBAD, NM	STATE NM	6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. <i>SOLIDS, SAND, Produced liquid</i>				
	b.				
R E C E I V E R	c.				
	d.				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>mailroom SVD</i>			13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD			24-HOUR EMERGENCY NO. 575-887-5676	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
T R A N S P O R T E R S	PRINTED TYPED NAME <i>STEPHEN POE</i>		SIGNATURE <i>Steph Poe</i>		DATE <i>3-5-2021</i>
	16. TRANSPORTER (1) NAME <i>RGM</i>		17. TRANSPORTER (2) NAME		
	IN CASE OF EMERGENCY CONTACT: <i>LFYVH</i>		IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE: <i>432-232-1522</i>		EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>OSBACHO E.</i>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME		
D I S P O S I T O R Y	SIGNATURE <i>OSBACHO E.</i> DATE <i>3-2-21</i>		SIGNATURE _____ DATE _____		
	ADDRESS: <i>#26485</i>		27 EL PASO <i>Orla Facility</i> <i>27 FM 662 West</i> <i>Orla, TX 79770</i>		PHONE:
	PERMIT NO. <i>G: 63640</i> <i>T: 52120</i>		20. COMMENTS <i>1:4:08pm</i> <i>0:4:14pm.</i>		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.	DATE <i>3-8-21</i>	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRS

TRANSPORTER: COPY 2

WHA 666P

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM						
NO #CAR- 2535 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 144
GENERATOR E N E R G Y	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3/8/2020	
	PHONE NO. 575-887-5676				6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type		9. TOTAL QUANTITY	10. UNIT WT/Vol
	a. Solids, sand, produced liquid					
	b.					
TRANSPORTER T R A N S P O R T E R S	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: Mudstain SWD				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD				24-HOUR EMERGENCY NO. 575-887-5676	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
DISPOSAL D I S P O S I T Y	PRINTED TYPED NAME STEPHEN POE		SIGNATURE Sept 20		DATE 3-5-2021	
	16. TRANSPORTER (1) NAME R&M		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: LEYVA		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: 432 232 1580		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno SIGNATURE Eduardo Moreno DATE 3-22		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE			
DISPOSAL D I S P O S I T Y	#26487		ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770		PHONE:	
	PERMIT NO. G: 63580 T: 47320		20. COMMENTS i: 4:30 p.m. o: 4:35 p.m.			
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE [Signature]		CELL NO.	DATE 3-8-21	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 x 100

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 2536 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 1173				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 9/3/2021					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. <i>solids, SWD, produced liquid</i>										
	b.										
TRANSPORTER'S CERTIFICATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>mailgram SWD</i>					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY	PRINTED TYPED NAME <i>STEPHEN POE</i>				SIGNATURE <i>Sept Poe</i>			DATE <i>3-5-2021</i>			
	16. TRANSPORTER (1) NAME <i>FBM</i>				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: <i>LEVA</i>				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: <i>432-232-158</i>				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>Adon Myall</i> SIGNATURE <i>[Signature]</i> DATE <i>3-8-21</i>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____						
ADDRESS: <i>#26488</i>				ADDRESS: Oria Facility 27 FM 652 West Oria, TX 79770			PHONE:				
PERMIT NO. <i>G: 68140 T: 47100</i>				20. COMMENTS <i>1:4:38p.m. 0:4:45p.m.</i>							
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE <i>3-8-21</i>		TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 *20 YRDS*TRANSPORTER: COPY 2 *WIR 6845*

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR- 2537 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. M73				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021		6.			
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220								
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.		
	a. SOLIDS, SAND, Produced liquid										
	b.										
	c.										
	d.										
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream sand					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME R6 m				17. TRANSPORTER (2) NAME				DATE 3-5-2021		
	IN CASE OF EMERGENCY CONTACT: LEYVA				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432-232-1580				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Adan Mualik				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME:						
	SIGNATURE: [Signature] DATE: 3-9-21				SIGNATURE: [Signature] DATE:						
D I S C I P L I N A R Y	#26517		ADDRESS: Oria Facility 27 FM 652 West Oria, TX 79770			PHONE:					
	PERMIT NO. G: 60260 T: 45620		20. COMMENTS: 1. a: 39a.m. 09:49a.m.								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE: [Signature]				CELL NO.		DATE 3-9-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRD

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM										
NO #CAR- 2538 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. 1641			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/9/2021		6.		
	PHONE NO. 575-887-5676									
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol
	a. SOLIDS SAND PRODUCTION WASTE									
	b.									
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC 1144 9200K API 30025412 72001 material sand					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676									
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME Stephen Poe					SIGNATURE Stephen Poe			DATE 3-5-2021	
	16. TRANSPORTER (1) NAME R8m					17. TRANSPORTER (2) NAME				
DISPOSAL FACILITY'S CERTIFICATION	IN CASE OF EMERGENCY CONTACT: LKYN EMERGENCY PHONE: 432 232 1580					IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Morcena					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME				
	SIGNATURE Eduardo Morcena DATE 3-9-21					SIGNATURE DATE				
	DISPOSAL FACILITY ADDRESS: #2652C		ADDRESS: 27 FM 652 West Orla, TX 79770			PHONE:				
	PERMIT NO. G: 64860 T: 42300		20. COMMENTS i. 9:55a.m. o. 10:09a.m.							
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE [Signature]					CELL NO.		DATE 3-9-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 XRD

TRANSPORTER: COPY 2

WHP 6609

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR- 2539 NON-HAZARDOUS WASTE MANIFEST					1. PAGE / OF		2. TRAILER NO. 172			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021				
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		
	a. SOLIDS SAND PROTECTED WASTE									
	b.									
TRANSPORTER	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: material SWD					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL	PRINTED TYPED NAME STEPHEN POE				SIGNATURE Stephen Poe		DATE 3-5-2021			
	16. TRANSPORTER (1) NAME RBM				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 432-272-158				IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME ANTONIO SOTO				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME					
	SIGNATURE [Signature] DATE 3-9-21				SIGNATURE DATE					
DISPOSAL	#1 26521		ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770			PHONE:				
	PERMIT NO. G-55840 T-46300		20. COMMENTS 10:00a.m. 10:11a.m.							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE 3-9-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YRDS WHP 6649

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 2540 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 159				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS SAND PRODUCED WASTE										
	b.										
TRANSPORTER'S CERTIFICATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: max 15000 S&W					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY'S CERTIFICATION	PRINTED TYPED NAME STEPHEN POE				SIGNATURE <i>Stephen Poe</i>			DATE 3-5-2021			
	16. TRANSPORTER (1) NAME PB				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LEYN				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432-232-1522				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Armando Garcia SIGNATURE <i>Armando Garcia</i> DATE 3-9-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____						
20. COMMENTS 8:10:01 a.m. 10:12 a.m.				21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.							
AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 3-9-21		TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YRD WHP 6689

CHEVRON MCBU Carlsbad, NM					
NO #CAR- 2541		NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1	2. TRAILER NO. 14P
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/9/2021
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM 88220		6.
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				
	a. SOLIDS, SAND PRODUCED 110410				
	b.				
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: multispm				
	13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				
	24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
DISPOSAL FACILITY'S CERTIFICATION	PRINTED TYPED NAME STEPHEN POE		SIGNATURE <i>[Signature]</i>		DATE 3-5-2021
	16. TRANSPORTER (1) NAME R&M		17. TRANSPORTER (2) NAME		
	IN CASE OF EMERGENCY CONTACT: LEYVA		IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE: 432-232-1500		EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material		
PRINTED/TYPED NAME [Signature]		PRINTED/TYPED NAME			
SIGNATURE <i>[Signature]</i>		SIGNATURE			
DATE 3-9-21		DATE			
ADDRESS: Orla Facility 27 FM 652 West Orla TX 79770		PHONE:			
PERMIT NO. G-63240 T-473CC		20. COMMENTS 10:14a.m 10:21a.m			
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE 3-9-21	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM										
NO #CAR- 2542 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 151			
GENERATOR E N E R G Y	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/9/2021		6.		
	PHONE NO. 575-887-5676									
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLID, SAND, PRODUCED LIQUID									
	b.									
TRANSPORTER R A N S P O R T E R S	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: muelstran B/L UCPK 9203X API 30025451270001 SWD					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676									
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL F A C I L I T Y	PRINTED TYPED NAME Stephen Poe					SIGNATURE Stephen Poe			DATE	
	16. TRANSPORTER (1) NAME RBM IN CASE OF EMERGENCY CONTACT: LEXVA EMERGENCY PHONE: 432 232-1880					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: DOMINGO LEPEZ SIGNATURE: DOMINGO LEPEZ DATE: 3-9-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____				
	ADDRESS: Orla, TX 79770					PHONE:				
	PERMIT NO. 60640 7:32000					20. COMMENTS 1:10:15am 0:10:25am				
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE [Signature]					CELL NO.		DATE 3-9-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRD TRANSPORTER: COPY 2 WAP 6649 DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 2543 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. M73				
GENERATOR'S INFORMATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. Sand; Solids Produced Liquid										
	b.										
TRANSPORTER'S INFORMATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: metal drum SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY INFORMATION	PRINTED TYPED NAME STEPHEN Poe				SIGNATURE <i>Step Poe</i>				DATE 3-5-2021		
	16. TRANSPORTER (1) NAME RPM				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LEYVA				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432-232-1580				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Adan Munillo				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____						
SIGNATURE: <i>Adan Munillo</i> DATE: 3-9-21				SIGNATURE: _____ DATE: _____							
#26532				ADDRESS: 27 FM 652 West Orla, TX 79770				PHONE:			
PERMIT NO. G: 70580 T: 41230				20. COMMENTS i: 11:37a.m. o: 11:52a.m.							
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 3-9-21		TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRDS

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM					
NO #CAR- 2544 NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1		2. TRAILER NO. 144	
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676	4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3/9/2021	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. Solids, sand, produced liquid				
	b.				
c.					
d.					
12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: UPRK 92834 API 3002545170001 Mail 5pm 5/21				13. WASTE PROFILE NO.	
14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676					
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
T R A N S P O R T E R S	PRINTED TYPED NAME STEPHEN BOE		SIGNATURE Steph Boe		DATE 3-5-2021
	16. TRANSPORTER (1) NAME Rgm		17. TRANSPORTER (2) NAME		
	IN CASE OF EMERGENCY CONTACT: LEYVA EMERGENCY PHONE: 432-232-1520		IN CASE OF EMERGENCY CONTACT:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno SIGNATURE Eduardo Moreno DATE 3-9-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
D I S P O S I T O R	#26534		ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770		PHONE:
	PERMIT NO. G: 67100 T: 43600		20. COMMENTS i: 11:49a.m. o: 11:58a.m.		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE [Signature]		CELL NO.	DATE 3-9-21	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM						
NO #CAR- 2545 NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1		2. TRAILER NO. 172		
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/9/2021	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. SOLIDS, SAND, PRODUCED LIQUID					
	b.					
TRANSPORTER'S CERTIFICATION	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail strum SWD				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD				24-HOUR EMERGENCY NO. 575-887-5676	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
DISPOSAL FACILITY	PRINTED TYPED NAME STEPHEN POE		SIGNATURE <i>Stephen Poe</i>		DATE 3-5-2021	
	16. TRANSPORTER (1) NAME Rm		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Antonio Sdr		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME			
	SIGNATURE <i>[Signature]</i> DATE 3-9-21		SIGNATURE <i>[Signature]</i> DATE			
#26535		ADDRESS: 27 FM 652 West Orla, TX 79770		PHONE:		
PERMIT NO. G: 56980 T: 49710		20. COMMENTS 1: 11:52a.m 0: 12:02p.m.				
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE <i>[Signature]</i>			CELL NO.		DATE 3-9-21	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 y rods

TRANSPORTER: COPY 2

with 6689

DISPOSAL SITE: COPY 3 & 4

CHEVRON										
MCBU										
Carlsbad, NM										
NO #CAR- 2546 NON-HAZARDOUS WASTE MANIFEST					1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>159</u>			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021			
	PHONE NO. 575-887-5676			CITY STATE ZIP CARLSBAD, NM 88220			6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY	
	a. <u>SANDS, SAND, PETROLUM LIQUID</u>									
TRANSPORTER	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>mail stn 3WD</u>						13. WASTE PROFILE NO.			
DISPOSAL	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD									
	24-HOUR EMERGENCY NO. 575-887-5676									
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
RECEIVED BY	PRINTED TYPED NAME <u>STEPHEN POE</u>				SIGNATURE <u>Steph Poe</u>				DATE <u>3-5-2021</u>	
	16. TRANSPORTER (1) NAME <u>Rbm</u>				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: <u>LEXIA</u>				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: <u>432 272 4580</u>				EMERGENCY PHONE:					
DISPOSAL	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>Fernando Gutierrez R</u>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____					
	SIGNATURE <u>Fernando Gutierrez</u> DATE <u>3-9-21</u>				SIGNATURE _____ DATE _____					
	ADDRESS: <u>27 FM 650th Facility</u>				PHONE:					
	<u>Oria, TX 79770</u>				<u>Oria, TX 79770</u>					
DISPOSAL	PERMIT NO. <u>G: 67866</u>				20. COMMENTS <u>11:53a.m</u> <u>0:12:07p.m</u>					
	<u>T: 46320</u>									
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
DISPOSAL	AUTHORIZED SIGNATURE <u>[Signature]</u>				CELL NO.		DATE <u>3-9-21</u>		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRPSTRANSPORTER: COPY 2 WHP 66 CP

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 2547 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 148				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS, SAND, PRODUCTION LIQUID										
	b.										
TRANSPORTER'S CERTIFICATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY	PRINTED TYPED NAME STEPHEN POE				SIGNATURE <i>Stephen Poe</i>				DATE 3-5-2021		
	16. TRANSPORTER (1) NAME RGM				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LFYU				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432 532 1580				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Dobalho E.				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME						
SIGNATURE <i>Dobalho E.</i> DATE 3-9-21				SIGNATURE				DATE			
#26542		ADDRESS: 27 FM 652 West Oria, TX 79770				PHONE:					
PERMIT NO. E: 69920 T: 43200		20. COMMENTS 1:01pm 1:19pm.									
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 3-9-21		TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 **20 YRDS**TRANSPORTER: COPY 2 **WHP 6629**

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR- 2548 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 15			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/9/2021		6.		
	PHONE NO. 575-887-5676									
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS, SAND, PETROLEUM LIQUID									
	b.									
TRANSPORTER'S CERTIFICATION	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mud stream SWD					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL FACILITY	PRINTED TYPED NAME STEPHEN POE				SIGNATURE Stephen Poe		DATE 3-5-2021			
	16. TRANSPORTER (1) NAME RPM				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: LFYVN				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432.272.1580				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Dominick Lopez SIGNATURE Dominick Lopez DATE 3-9-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
DISPOSAL FACILITY		ADDRESS: Orla Facility 27 FM 852 West Orla, TX 79770		PHONE:						
PERMIT NO. G: 62120 F: 43100		20. COMMENTS 1:03pm 0:124pm								
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE 3-9-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR- 2550 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 144				
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/9/2021					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol	
	a. SANDS, SAND, PETROLEUM LIQUID										
	b.										
	c.										
DISPOSAL	12. COMMENTS OR SPECIAL INSTRUCTIONS: OR 400K 9203X API 30025451270001 mail stream SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
	PRINTED TYPED NAME STEPHEN POE				SIGNATURE Steph Poe		DATE 5-3-2021				
	16. TRANSPORTER (1) NAME RGM				17. TRANSPORTER (2) NAME						
IN CASE OF EMERGENCY CONTACT: VICTOR LEYVA EMERGENCY PHONE: 432 232 1526				IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:							
18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno SIGNATURE Eduardo Moreno DATE 3-9-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE							
DISPOSAL		#26556		ADDRESS: 27 FM 652 West Orla, TX 79770		PHONE:					
PERMIT NO. G: 653AC T: 43200		20. COMMENTS i. 2:59p.m. o. 3:14p.m.									
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE 3-9-21		TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRDS

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 6649

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3832 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 172			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/9/2021			
	PHONE NO. 575-887-5676						6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL	11.
	a. Solids, sand, Produced liquid									
	b.									
	c.									
	d.									
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: mailstrom						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME RB m				17. TRANSPORTER (2) NAME				DATE	
	IN CASE OF EMERGENCY CONTACT: VICTOR LAYNE				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432 232 1580				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: ANTONIO SOTO SIGNATURE: [Signature] DATE: 3-9-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____					
D I S C I P L I N A R Y	#26558			ADDRESS: 27 FM 652 West Orla, TX 79770			PHONE:			
	PERMIT NO. G:60620 T: 47820			20. COMMENTS 1:302pm 0:315p.m						
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE: [Signature]				CELL NO.		DATE 3-9-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRD

TRANSPORTER: COPY 2

WHP 6689

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM									
NO #CAR-3833 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 159		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/9/2021		6.		
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM 88220		STATE NM		ZIP		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS, SAND, PREPARED Liquid								
	b.								
A D D R E S S	c.								
	d.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: HAIL STORM SW/D					13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
T R A N S P O R T E R S	PRINTED TYPED NAME STEPHEN POE				SIGNATURE [Signature]		DATE		
	16. TRANSPORTER (1) NAME Rm				17. TRANSPORTER (2) NAME				
	IN CASE OF EMERGENCY CONTACT: LEYVA				IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 472-232-1580				EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia R SIGNATURE [Signature] DATE 3-9-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
D I S P O S I T I O N	ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770		PHONE:		20. COMMENTS 1-3:05p.m 0-3:21p.m.				
	PERMIT NO. G. 67220 T. 49620								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE 3-9-21		TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRDS

TRANSPORTER: COPY 2

WILL GGG

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3834 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 148				
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021				
	PHONE NO. 575-887-5676			CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS, SAND, PETROLUM LIQUID										
	b.										
TRANSPORTER	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mailstrom SWD						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL SITE	PRINTED TYPED NAME STEPHEN POE				SIGNATURE Stephen Poe			DATE			
	16. TRANSPORTER (1) NAME POE M				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: L F V A				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432 232 1500				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Osholtz SIGNATURE Osholtz DATE 3.9.21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
DISPOSAL SITE	#26562			ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770			PHONE:				
	PERMIT NO. G: 68340 T: 48210			20. COMMENTS i: 3:11pm. o: 3:25pm.							
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE 3-9-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRS

TRANSPORTER: COPY 2

WETA 6689

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 3835		NON-HAZARDOUS WASTE MANIFEST				1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>151</u>			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/9/2021					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS, SAND, Produced liquid										
	b.										
TRANSPORTER	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stn SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL	PRINTED TYPED NAME STEPHEN PBE				SIGNATURE <i>Step P</i>			DATE 3-			
	16. TRANSPORTER (1) NAME Rqm				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LFYU				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432-232-1580				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Dominico Lopez				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME						
SIGNATURE Dominico Lopez DATE 3-9-21				SIGNATURE DATE							
DISPOSAL FACILITY	#26563		ADDRESS: 27 FM 652 West Oria, TX 79770				PHONE:				
	PERMIT NO. G: 60980 T: 47100				20. COMMENTS 1:3:21pm 0:3:29pm						
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 3-9-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 **20 YRP**

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CUHP-6699

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3836 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 172			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/10/2021			
	PHONE NO. 575-887-5676						6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL	11.
	a. <u>SANTA, SOLIDS, Residual liquid</u>									
	b.									
TRANSPORTER'S CERTIFICATION	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>Waste / Spill</u>						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT <u>WPC 9203X B9 9203551270001 SWD</u>						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL FACILITY	PRINTED TYPED NAME <u>STEPHEN POE</u>				SIGNATURE <u>Step Poe</u>		DATE 3/10/2021			
	16. TRANSPORTER (1) NAME <u>R & M</u>				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: <u>LFYVA</u>				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: <u>432-272 158</u>				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>ANTONIO SOTO</u> SIGNATURE <u>[Signature]</u> DATE <u>3-10-21</u>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____					
DISPOSAL FACILITY	ADDRESS: <u>#26591</u>			ORLA FACILITY 27 FM 652 West Orla, TX 79770			PHONE:			
	PERMIT NO. <u>G-56840</u> <u>T-41200</u>			20. COMMENTS <u>6:41a.m</u> <u>6:49a.m</u>						
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE <u>[Signature]</u>				CELL NO.		DATE 3-10-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRIS TRANSPORTER: COPY 2 WHP 6689

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3837 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 159				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/10/2021				
	PHONE NO. 575-887-5676						6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
	a. SANDS SAND produced liquid										
	b.										
A T T R I B U T E S	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: MAILSTORM SWP						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
T R A N S P O R T E R S	PRINTED TYPED NAME STEPHEN POE				SIGNATURE <i>Stephen Poe</i>			DATE 3/5/2021			
	16. TRANSPORTER (1) NAME POE				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LEYVA				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432-232-1520				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia R SIGNATURE <i>Fernando Garcia R</i> DATE 3/10/21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE <i>Orla Facility</i> DATE						
D I S P O S I T I O N	#26592			ADDRESS: 27 FM 652 West Orla, TX 79770			PHONE:				
	PERMIT NO. G: 05046 T: 45200			20. COMMENTS 1: 9:41a.m 0: 9:56a.m							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 3-10-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 X RIS

TRANSPORTER: COPY 2

WHP 6644

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3838 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 144				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/10/2021				
	6. PHONE NO. 575-887-5676										
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/VOL
	a. SOILS, SAND, Petroleum liquid										
	b.										
	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: Muel 575m SWD						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER'S CERTIFICATION	PRINTED TYPED NAME STEPHEN POE					SIGNATURE Stephen Poe			DATE 3/5/2021		
	16. TRANSPORTER (1) NAME PBM					17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: LEYVA					IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432 232-1520					EMERGENCY PHONE:					
DISPOSAL FACILITY'S CERTIFICATION	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME					
	SIGNATURE Eduardo Moreno DATE 3/10/21					SIGNATURE _____ DATE _____					
	ADDRESS: 27 FM 652 West Orla, TX 79770					PHONE:					
	PERMIT NO. G-51780 T-45106					20. COMMENTS 19:44am 0:9:56am					
21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE					CELL NO.		DATE 3-10-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 XEPS WITH 6649

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3840 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. 144			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-10-21			
	PHONE NO. 575-887-5676						6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: SOLID SAND PRODUCED LIQUID						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL	11.
	a.									
	b.									
TRANSPORTER'S CERTIFICATION	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream SWD						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL FACILITY'S CERTIFICATION	PRINTED TYPED NAME STEPHEN POE				SIGNATURE Stephen Poe			DATE		
	16. TRANSPORTER (1) NAME RBM				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: LFYVA				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432-272-1580				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Morcote SIGNATURE Eduardo Morcote DATE 3-10-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
# 26607				ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770			PHONE:			
PERMIT NO. 9: 63440 T: 48210				20. COMMENTS 1: 11:36a.m 0: 11:45a.m						
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE				CELL NO.		DATE 3-10-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 XRD5

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON						
MCBU						
Carlsbad, NM						
NO #CAR-3841 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. 159	
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/10/2021	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. SAINTS STADIUM PRODUCTION LIQUID					
	b.					
TRANSPORTER'S CERTIFICATION	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: material from SWP			13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD			24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
DISPOSAL FACILITY CERTIFICATION	PRINTED TYPED NAME STEPHEN FRIE		SIGNATURE <i>[Signature]</i>		DATE	
	16. TRANSPORTER (1) NAME Rgm		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: LFY/Vm		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: 4132 232-1580		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia R		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME			
SIGNATURE Fernando Garcia DATE 3-10-21		SIGNATURE		DATE		
ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770		PHONE:				
PERMIT NO. Q: 67220 T: 45820		20. COMMENTS i: 11:38a.m. o: 11:47a.m.				
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.	DATE 3-10-21	TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YRDS **ORLA 66 YR**

CHEVRON										
MCBU										
Carlsbad, NM										
NO #CAR-3843 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 144			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 2/10/2027				
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/VOL
	a. SOLIDS, SAND, PRETANKED LIQUID									
	b.									
TRANSPORTER'S CERTIFICATION	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream SWD					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL FACILITY CERTIFICATION	PRINTED TYPED NAME STEPHEN POE				SIGNATURE <i>Stephen Poe</i>			DATE 3/10/27		
	16. TRANSPORTER (1) NAME RPM				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 2FYVA 432-232-1580				IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME					
	SIGNATURE Eduardo Moreno DATE 3-10-27				SIGNATURE Orla Facility DATE					
#26621		ADDRESS: 27 FM 652 West Orla, TX 79770			PHONE:					
PERMIT NO. G: 61360 T: 48200				20. COMMENTS i: 3:13p.m. o: 3:20p.m.						
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 3-10-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3844 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 172			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/10/2021				
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS, SAND, PRODUCED LIQUID									
T R A N S P O R T E R S	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stmn swd					13. WASTE PROFILE NO.				
D I S P O S I T I O N	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CC WARR 9703X API 300754512700021					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME STEPHEN ROE					SIGNATURE Stephen Roe		DATE 3/10/21		
	16. TRANSPORTER (1) NAME JFM					17. TRANSPORTER (2) NAME				
D I S P O S I T I O N	IN CASE OF EMERGENCY CONTACT: LFYUN					IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 432-232-1583					EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME ANTONIO SOTO					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME				
	SIGNATURE [Signature] DATE 3-10-21					SIGNATURE [Signature] DATE				
D I S P O S I T I O N	ADDRESS: 27 FM 652 West Orla, TX 79770		PHONE:							
	PERMIT NO. #26622		20. COMMENTS i: 3:13p.m. o: 3:22p.m.							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE [Signature]					CELL NO.		DATE 3-10-21		TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM										
NO #CAR-3842 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. 159			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-10-21				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
	a. SOLIDS, SAND, Petroleum liquid									
	b.									
A T T R I B U T E S	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CCS under 42034 API 30025451270001 mulsman SWD					13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME PP IN CASE OF EMERGENCY CONTACT: LAYVA EMERGENCY PHONE: 432-232-1580					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia R SIGNATURE Fernando Garcia R DATE 3-10-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
	D F I A S P I O L S I A T Y		26623		ADDRESS: Orla Facility 27 FM 652 West Orla, TX 79770		PHONE:			
	PERMIT NO. G: 6560C T: 4962C		20. COMMENTS i. 3:16p.m. d. 3:26p.m.							
21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE					CELL NO.	DATE 3-10-21	TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRDS

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3845 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 172				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/10/2021				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS, SAND, PROPAANE LIQUID										
	b.										
	c.										
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream SND						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER'S CERTIFICATION	16. TRANSPORTER (1) NAME RBM IN CASE OF EMERGENCY CONTACT: LFYVA EMERGENCY PHONE: 432-232-1580				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				19. TRANSPORTER (2): Acknowledgment of receipt of material		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: ANTONIO Soto SIGNATURE: [Signature] DATE: 3-10-21				PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____						
	DISPOSAL SITE: #26632				ADDRESS: 27 FM 652 West, Orta, TX 79770				PHONE: _____		
	PERMIT NO. G: 59480 T: 41210				20. COMMENTS 5:03pm. 5:16pm.						
DISPOSAL FACILITY'S CERTIFICATION	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE: [Signature]				CELL NO.		DATE 3-10-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRDS

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 6649

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3846 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 144				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/10/2021				
	PHONE NO. 575-887-5676										
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLID SAND, PERMANENT LIQUID										
	b.										
TRANSPORTER'S CERTIFICATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676										
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY	PRINTED TYPED NAME STEPHEN DOE				SIGNATURE Stephen Doe			DATE			
	16. TRANSPORTER (1) NAME RBM				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LEYVA				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432-232-1580				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno SIGNATURE Eduardo Moreno DATE 3-10-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
DISPOSAL FACILITY	#26633			ADDRESS: Orla Facility 27 FM 352 West Orla, NM 88201			PHONE:				
	PERMIT NO. C: 67280 T: 43200			20. COMMENTS 1: 5:08pm. 0: 5:21pm							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE 3-10-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YARD TRANSPORTER: COPY 2 WHP 6649 DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR-3847 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 159		
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/10/2021		
	PHONE NO. 575-887-5676						6.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL
	a. <u>sands, sand, petroleum liquid</u>								
	b.								
TRANSPORTER	c.								
	d.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>Material from SWD</u>						13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT <u>Mr. WPK 940376 API 800-545-1270</u>						24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
DISPOSAL SITE	PRINTED TYPED NAME <u>STEPHEN POE</u>				SIGNATURE <u>Steph Poe</u>				DATE
	16. TRANSPORTER (1) NAME <u>POE</u>				17. TRANSPORTER (2) NAME				
	IN CASE OF EMERGENCY CONTACT: <u>LEYVA</u>				IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: <u>432 232-1580</u>				EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>Fernando Garcia</u> SIGNATURE <u>Fernando Garcia</u> DATE <u>3-10-21</u>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____				
#26634			ADDRESS: 27 FM 652 West Orla, TX 79770			PHONE:			
PERMIT NO. G: 67940 T: 49820			20. COMMENTS <u>1 5:16pm.</u> <u>0 5:23pm.</u>						
21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
AUTHORIZED SIGNATURE <u>[Signature]</u>				CELL NO.		DATE 3-10-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 X RPS

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM					
NO #CAR- 2549 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. M73
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3/9/2021
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. SOLIDS, SAND, PRESERVED LIQUID				
	b.				
	c.				
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: mass burn SWP			13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME STEPHEN POE		SIGNATURE [Signature]		DATE 3-5-2021
	16. TRANSPORTER (1) NAME RBM IN CASE OF EMERGENCY CONTACT: LEYVA EMERGENCY PHONE: 432-232-1500		17. TRANSPORTER (2) NAME [Blank] IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
DISPOSAL FACILITY'S CERTIFICATION	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME [Signature] SIGNATURE [Signature]		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME [Blank] SIGNATURE [Blank]		
	20. COMMENTS i: 2:35p.m. o: 2:55p.m.				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE [Signature]		CELL NO.	DATE 3-9-21	TIME
	22. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 XPD

TRANSPORTER: COPY 2

WHS 6699

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3839 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. 172				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 10-23-21					
	PHONE NO. 575-887-5676					6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLID SOLIDS SAND PREHEATED liquid										
	b.										
A D D R E S S	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: max 15 min SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
T R A N S P O R T E R S	PRINTED TYPED NAME STEPHEN POE				SIGNATURE <i>Stephen Poe</i>			DATE 3-10-21			
	16. TRANSPORTER (1) NAME RGM				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: 2644				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432 232 1523				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Antonio Sot				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME						
D I S P O S I T Y	SIGNATURE <i>[Signature]</i>				DATE 3-10-21			SIGNATURE			
	DATE 3-10-21				DATE			DATE			
	DISPOSAL FACILITY #26606		ADDRESS: 27 FM 652 West Orla, TX 79770			PHONE:					
	PERMIT NO. G: 59740 T: 48200		20. COMMENTS 11:36a.m. 11:46a.m.								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 3-10-21		TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 XPS

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 6649

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 3203 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 5				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/3/2021				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SAND SOIL Residue liquids										
	b.										
	c.										
12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: WBPX 9189X ADI 30025451270001 material JWD						13. WASTE PROFILE NO.					
14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676											
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.											
PRINTED TYPED NAME					SIGNATURE			DATE			
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME IMR IN CASE OF EMERGENCY CONTACT: V. LEYVA EMERGENCY PHONE: 132-222-1521					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>James Nicko</u> SIGNATURE <u>[Signature]</u> DATE <u>7/2/21</u>					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____					
	ADDRESS: <u>60260</u>					PHONE: _____					
	PERMIT NO. <u>738410</u>					20. COMMENTS					
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE <u>[Signature]</u>					CELL NO.		DATE		TIME <u>11:44am</u>		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR- 3204 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 4				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3/3/2021					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/VOL	
	a. sand, soil, produced liquids										
	b.										
T R A N S P O R T E R S	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: 40PK 92037 API 30025451270001 MACLESTROM SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
D I S P O S I T Y	PRINTED TYPED NAME				SIGNATURE				DATE		
	16. TRANSPORTER (1) NAME RM				17. TRANSPORTER (2) NAME AM - transport 22C.						
	IN CASE OF EMERGENCY CONTACT: V-L-V-V				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 182 722 - 1500				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Phuong M. Rodriguez SIGNATURE [Signature] DATE 3-3-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
D I S P O S I T Y	ADDRESS: Oste 362580		PHONE: 311-82								
	PERMIT NO. T9580		20. COMMENTS 035760		012:17pm						
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 66649

26002

CHEVRON MCBU Carlsbad, NM						
NO #CAR- 3202		NON-HAZARDOUS WASTE MANIFEST		1. PAGE ___ OF ___	2. TRAILER NO. 4	
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					
	a.		8. CONTAINERS No. Type		9. TOTAL QUANTITY	
	b.				10. UNIT WT/Vol.	
c.				11.		
d.						
12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PROFILE NO.	
14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676	
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.						
PRINTED TYPED NAME		SIGNATURE		DATE		
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME RM		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: V-L-2-4-4-6		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: 1322321580		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME John Sen			PRINTED/TYPED NAME		
SIGNATURE [Signature] DATE 3-2-2			SIGNATURE DATE			
D I S P O S I T O R S	ADDRESS: 64530		PHONE: 312000			
	PERMIT NO. 082		20. COMMENTS 31700			
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE [Signature]		CELL NO.		DATE	
			TIME			

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

26003

CHEVRON MCBU					
Carlsbad, NM					
NO #CAR- 3205 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1	2. TRAILER NO. 4
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3/3/2021
	PHONE NO. 575-887-5676		6.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS	9. TOTAL	10. UNIT
	a. <u>SAND, SOIL, PRODUCED LIQUID</u>		No.	QUANTITY	WT/Vol.
	b. <u>SAND, SOIL, PRODUCED LIQUID</u>				
TRANSPORTER'S CERTIFICATION	c.				
	d.				
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			13. WASTE PROFILE NO.	
	CC: 4CPK 9203 X API: 3002545127 0001 MAESTRO SWD				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT			24-HOUR EMERGENCY NO.	
DISPOSAL FACILITY	CHEVRON CARLSBAD			575-887-5676	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME		SIGNATURE		DATE
	Ben Peris 3/20/21		[Signature]		
	16. TRANSPORTER (1)		17. TRANSPORTER (2)		
NAME		NAME			
Rm					
IN CASE OF EMERGENCY CONTACT: V. LEYVA		IN CASE OF EMERGENCY CONTACT:			
EMERGENCY PHONE: 432 232 1580		EMERGENCY PHONE:			
18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material			
PRINTED/TYPED NAME		PRINTED/TYPED NAME			
Javier Aguila					
SIGNATURE		SIGNATURE			
[Signature]					
DATE 3-27		DATE			
ADDRESS:		PHONE:			
Orle		I 61960		2:03pm	
PERMIT NO.		20. COMMENTS			
T 05850		030410		02:24pm	
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 6649 TK #5

204ds

26017

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 3206 NON-HAZARDOUS WASTE MANIFEST					1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>004</u>				
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/3/2021		6.			
	PHONE NO. 575-887-5676										
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol	
	a. <u>SOLIDS</u> <u>SAND, SOIL, PROHIBITED LIQUID</u>										
	b.										
TRANSPORTER	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: 00:40PK 9203 x API: 3002545127 0001 MHELSFROM SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL	PRINTED TYPED NAME Ben F202				SIGNATURE <i>[Signature]</i>			DATE			
	16. TRANSPORTER (1) NAME AM-transport LLC				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: V. LEYVA				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 472.232.1500				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME ALONSO: MDRALG				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME						
SIGNATURE <i>[Signature]</i> DATE 3.2.21				SIGNATURE			DATE				
DISPOSAL	ADDRESS: 1040 364640		PHONE: 3200pm								
	PERMIT NO. 030520		20. COMMENTS 0220pm								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WAB66049

TK4

20018

CHEVRON MCBU Carlsbad, NM					
NO #CAR- 3211 NON-HAZARDOUS WASTE MANIFEST			1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>Q</u>
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/3/2021
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. <u>Solids</u> <u>SAND, GRE, Preserved Liquid</u>				
	b.				
TRANSPORTER'S CERTIFICATION	c.				
	d.				
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			13. WASTE PROFILE NO.	
	cc: UOPK 92032 API 30025451270001 <u>maelstrom SWD</u>				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				
DISPOSAL FACILITY	CHEVRON CARLSBAD			24-HOUR EMERGENCY NO. 575-887-5676	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME <u>Ben Peric F202</u>		SIGNATURE <u>[Signature]</u>		DATE
	16. TRANSPORTER (1) NAME <u>M.R.</u>		17. TRANSPORTER (2) NAME		
	IN CASE OF EMERGENCY CONTACT: <u>Vicki Lynn</u> EMERGENCY PHONE: <u>432 232158</u>		IN CASE OF EMERGENCY CONTACT:		
18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>x Retard. Liqueur</u> SIGNATURE <u>[Signature]</u> DATE <u>03/04/21</u>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____			
ADDRESS: <u>[Signature]</u>		PHONE: <u>658780</u>		34-21	
PERMIT NO. <u>TRE240</u>		20. COMMENTS <u>T33420</u>			
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME <u>10:48am</u> <u>011:10am</u>	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

TH1 WHP 6649 204ds

26081

CHEVRON										
MCBU										
Carlsbad, NM										
NO #CAR- 3212 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. RN73			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE			
	PHONE NO. 575-887-5676			CITY CARLSBAD, NM			STATE 88220			
	ZIP			6.			7. NAME OR DESCRIPTION OF WASTE SHIPPED:			
	a. SOLIDS			8. CONTAINERS No. Type			9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	b. SAND, SOLID, PRODUCED LIQUID			c.			d.		11.	
12. COMMENTS OR SPECIAL INSTRUCTIONS: MAELSTROM SWD							13. WASTE PROFILE NO.			
14. IN CASE OF EMERGENCY OR SPILL, CONTACT										
CHEVRON CARLSBAD							24-HOUR EMERGENCY NO. 575-887-5676			
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER'S CERTIFICATION	PRINTED TYPED NAME Ben Pate				SIGNATURE <i>[Signature]</i>				DATE	
	16. TRANSPORTER (1) NAME WHP 6649				17. TRANSPORTER (2) NAME				DATE	
	IN CASE OF EMERGENCY CONTACT: Victor Loya				IN CASE OF EMERGENCY CONTACT:				DATE	
	EMERGENCY PHONE: 43-232-158				EMERGENCY PHONE:				DATE	
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Adan Moya				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME				DATE	
SIGNATURE <i>[Signature]</i>				SIGNATURE				DATE		
DISPOSAL FACILITY'S CERTIFICATION	ADDRESS: 3150 E. GREENE ST.			PHONE: 575-887-5676			20. COMMENTS 32820			
	PERMIT NO. 10522			21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			22. COMMENTS 32820			
	AUTHORIZED SIGNATURE			CELL NO.			DATE		TIME	
	23. COMMENTS			24. COMMENTS			25. COMMENTS		26. COMMENTS	
	27. COMMENTS			28. COMMENTS			29. COMMENTS		30. COMMENTS	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU					
Carlsbad, NM					
NO #CAR- 3213 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1	2. TRAILER NO. 02
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a. Solids CANA, etc. PRODUCED KQAD				
	b.				
T R A N S P O R T E R S	12. COMMENTS OR SPECIAL INSTRUCTIONS: C6: 40PK 9203X API: 8002545127000 SWD MABELSTROM			13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME Ben Peña 1205		SIGNATURE By R		DATE
D I S P O S I T O R	16. TRANSPORTER (1) NAME mf IN CASE OF EMERGENCY CONTACT: Vidar Lory EMERGENCY PHONE: 432.232.1500		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Juan Arroyo SIGNATURE Juan Arroyo DATE 3-4-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	ADDRESS: Chasaco T 34860		PHONE: 710.87pm		
	PERMIT NO. 20020		20. COMMENTS 01148		
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM					
NO #CAR- 3215 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. 04
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol
	a. Solids SAND, GATE, PROPOSED LIQUID				
	b.				
	c.				
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: CO: UCPK 92037 API: 30025451270001 5ND		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME Ben Perez		SIGNATURE By R		DATE
	16. TRANSPORTER (1) NAME MR		17. TRANSPORTER (2) NAME		
DISPOSAL FACILITY'S CERTIFICATION	IN CASE OF EMERGENCY CONTACT: Victor 2911 EMERGENCY PHONE: 43-232-158		IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME ALVARO MORENO		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME		
	SIGNATURE [Signature] DATE		SIGNATURE [Signature] DATE 3-4-21		
	ADDRESS: 056		PHONE: 663620		
	PERMIT NO. 00220		20. COMMENTS T32860		
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

6649 20408

26086

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR- 3214 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 09			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE				
	PHONE NO. 575-887-5676					6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
	a. SOLIDS SAND, GEL, PRODUCED LIQUID									
T R A N S P O R T E R S	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CO: WAPK 9203 DRI: 30025 49270001 MABUSFROM SWD					13. WASTE PROFILE NO.				
D I S P O S I T Y	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME Ben Perez 1202					SIGNATURE <i>Ben Perez</i>			DATE	
	16. TRANSPORTER (1) NAME MR					17. TRANSPORTER (2) NAME				
D I S P O S I T Y	IN CASE OF EMERGENCY CONTACT: Victor Lopez					IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 437 222 1500					EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME RICHARDO CHAVEZ					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME				
	SIGNATURE RICHARDO CHAVEZ DATE 03-42					SIGNATURE DATE				
D I S P O S I T Y	ADDRESS: G 59960		PHONE: 34-21							
	PERMIT NO. T55560		20. COMMENTS T55560			3 11 28m				
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE					CELL NO.	DATE	TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 WAPK 9203 DRI: 30025 49270001

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR- 3207 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 05			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/3/2021				
	PHONE NO. 575-887-5676					6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		
	a. 50405 SAND SITE, PROPOSED WBAID							10. UNIT WT/VOL		
D I S P O S I T Y	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC WCPK 92024 API-30025451270001 SWD					13. WASTE PROFILE NO.				
T R A N S P O R T E R	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME Ben Peto F-201					SIGNATURE Ben Peto				
	16. TRANSPORTER (1) NAME					17. TRANSPORTER (2) NAME				
D I S P O S I T Y	IN CASE OF EMERGENCY CONTACT: Victor Lopez					IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 432 232 1580					EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Javier M. Villa					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME				
	SIGNATURE [Signature] DATE 3-3-21					SIGNATURE DATE				
D I S P O S I T Y	ADDRESS:					PHONE:				
	PERMIT NO.					20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE [Signature]					CELL NO. C-1 608600		DATE 3/3/21		TIME 1:4:18 PM

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 yards

CHEVRON MCBU						
Carlsbad, NM						
NO #CAR- 3208 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. 04	
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3/31/2021	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. SOLIDS SAND, SOLID, PRODUCED LIQUID					
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS:			13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD			24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
	PRINTED TYPED NAME Ben Peña		SIGNATURE <i>[Signature]</i>		DATE	
DISPOSAL FACILITY'S CERTIFICATION	16. TRANSPORTER (1) NAME MR		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: Victor Loyre		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: 432-232-1580		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME ALONSO MARQUES		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME			
SIGNATURE <i>[Signature]</i> DATE 3-3-21		SIGNATURE DATE				
ADDRESS:		PHONE:		20. COMMENTS		
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO. #26029	DATE 3/3/21	TIME 4:21pm		

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 yards

CHEVRON						
MCBU						
Carlsbad, NM						
NO #CAR- 3216 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. 05	
GENERATOR'S CERTIFICATION:	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. SOLIDS PAND, SATV, PREPARED LIQUID					
	b.					
TRANSPORTER'S CERTIFICATION:	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT			24-HOUR EMERGENCY NO.		
	CHEVRON CARLSBAD			575-887-5676		
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.						
DISPOSAL FACILITY'S CERTIFICATION:	PRINTED TYPED NAME Ben Perez Perez		SIGNATURE 		DATE	
	16. TRANSPORTER (1) NAME MR		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: Victor Lopez		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: 432.232.1500		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material			
PRINTED/TYPED NAME L. Javier		PRINTED/TYPED NAME				
SIGNATURE		SIGNATURE		DATE		
DATE 3-4-21		DATE				
ADDRESS: G 60680		PHONE: IN 12:45pm				
PERMIT NO. Orla		T 35000		OUT 1:03pm		
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE		CELL NO.		DATE 3-4-21	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU						
Carlsbad, NM						
NO #CAR- 3217 NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1		2. TRAILER NO.		
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 01	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: SOLIDS SAND, SLOTTED, PRODUCED LIQUID			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL
	a.					
	b.					
TRANSPORTER'S CERTIFICATION	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: MAGISTRAL SWP			13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
DISPOSAL FACILITY CERTIFICATION	PRINTED TYPED NAME Ben Perez		SIGNATURE <i>[Signature]</i>		DATE	
	16. TRANSPORTER (1) NAME Rm		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: V. Lopez		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: 432 232 1520		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Rafael Lopez SIGNATURE <i>[Signature]</i> DATE 3-4-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____			
ADDRESS: Orla		G 57800 T 35000		PHONE: In 12:50pm OUT: 6:30pm		
PERMIT NO.		20. COMMENTS				
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 **20 YARB** TRANSPORTER: COPY 2 **26096** DISPOSAL SITE: COPY 3 & 4 **WHP 8649 6649**

CHEVRON MCBU Carlsbad, NM					
NO #CAR- 3218 NON-HAZARDOUS WASTE MANIFEST			1. PAGE <u>1</u> OF <u>1</u> 2. TRAILER NO. <u>05</u>		
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY CARLSBAD, NM STATE 88220 ZIP 88220		5. PICK-UP DATE
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type		9. TOTAL QUANTITY
	a. <u>SOLIDS</u> <u>SPAND, SOL, PRODUCED LIQUIDS</u>				10. UNIT WT/Vol.
	b.				11.
	c.				
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>MCBU 92037X API: 30025451276001</u> <u>SWD</u>		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME <u>Ben Potts</u> <u>1202</u>		SIGNATURE <u>[Signature]</u>		DATE
	16. TRANSPORTER (1) NAME <u>[Signature]</u> IN CASE OF EMERGENCY CONTACT: <u>V. Lopez</u> EMERGENCY PHONE: <u>432 232 158</u>		17. TRANSPORTER (2) NAME <u>[Signature]</u> IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
DISPOSAL FACILITY CERTIFICATION	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>[Signature]</u> SIGNATURE <u>[Signature]</u> DATE <u>2-4-21</u>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE <u>3-4-21</u> DATE _____		
	ADDRESS: <u>G 57840</u>		PHONE: <u>12:54m</u>		
	PERMIT NO. <u>010</u>		20. COMMENTS <u>35000</u> <u>CUT 1: 08pm</u>		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE <u>[Signature]</u>		CELL NO.		DATE

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St, Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

Pin

6649

26091

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR- 3219 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 1173			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE			
	PHONE NO. 575-887-5676						6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol	11.
	a. SOLIDS SAND, SLOPE, PERMANENT WASTE									
	b.									
TRANSPORTER	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: OCC WORK 72032 APR 3002541170001 45127 MSL 5000 SWD						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL	PRINTED TYPED NAME Ben Port F205				SIGNATURE [Signature]			DATE		
	16. TRANSPORTER (1) NAME MR				17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: V. Lopez				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 6132 232 158				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Aden Morris				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME					
SIGNATURE: [Signature] DATE: 3-4-21				SIGNATURE			DATE			
DISPOSAL	ADDRESS: 656600			PHONE: In 1:00pm						
	PERMIT NO. HLEFW			20. COMMENTS: 735000			OUT 1:21pm			
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE				CELL NO. 260918		DATE 3-4-21		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM						
NO #CAR- 3220 NON-HAZARDOUS WASTE MANIFEST			1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO.	
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 03	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol
	a. SAIDS PRODUCED SAND, GATE, LIQUID					
	b.					
TRANSPORTER'S CERTIFICATION	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: MAELIS/ROM			13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT 24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
DISPOSAL FACILITY'S CERTIFICATION	PRINTED TYPED NAME Ben Peña F202		SIGNATURE <i>[Signature]</i>		DATE	
	16. TRANSPORTER (1) NAME MA R		17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE 432-232 1500		IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Juan Arroyo		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME			
	SIGNATURE Juan Arroyo DATE 3-4-2		SIGNATURE DATE			
PERMIT NO. Melter		ADDRESS: 4 56870 T 35000		PHONE: Ln 1:12pm WT 1:1:22pm		
20. COMMENTS						
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE 26019		CELL NO.		DATE	TIME 3-4-20	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM					
NO #CAR-3221 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. 4
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE
	PHONE NO. 575-887-5676				6.
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type
					9. TOTAL QUANTITY
					10. UNIT WT/Vol.
					11.
	12. COMMENTS OR SPECIAL INSTRUCTIONS: MARLSTROM SMD				13. WASTE PROFILE NO.
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD				24-HOUR EMERGENCY NO. 575-887-5676
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME Ben Pena		SIGNATURE B. Pena		DATE
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME MR		17. TRANSPORTER (2) NAME		
	IN CASE OF EMERGENCY CONTACT: V, LFYU		IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE 432-232-1580		EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME X ALONSO Martinez		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME		
	SIGNATURE Y. B. DATE 5-2-21		SIGNATURE DATE		
D I S P O S I T O R	ADDRESS G 58460		PHONE 1:14pm		
	PERMIT NO. HCTer		20. COMMENTS T 35000		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO. 26100	DATE	TIME 1:14pm

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YR WHP 6644

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR- 3222 NON-HAZARDOUS WASTE MANIFEST								1. PAGE 1 OF 1		2. TRAILER NO. 69
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE			
	PHONE NO. 575-887-5676			CITY CARLSBAD, NM 88220			6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No.	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. SOLIDS, SAND, PRODUCED LIQUIDS									
A T T E S T E D	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: MARISTCOM CC: WOPK 92037 ADI: 90025451270001 SWD						13. WASTE PROFILE NO.			
T R A N S P O R T E R S	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME Ben Per real				SIGNATURE By R				DATE	
	16. TRANSPORTER (1) NAME MR				17. TRANSPORTER (2) NAME					
D I S P O S I T O R S	IN CASE OF EMERGENCY CONTACT: V. L. F. Y. W.				IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432 772158				EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: GUARDADO GAVES				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME:					
	SIGNATURE: GUARDADO DATE: 3/4/21				SIGNATURE: DATE:					
D I S P O S I T O R S	PERMIT NO. Ona			ADDRESS: G 60500 T 35000			PHONE: 1:17 PM OUT 1:36 PM			
	20. COMMENTS									
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE				CELL NO. 26101		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR- 3223 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 05				
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE				
	PHONE NO. 575-887-5676			CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol
	a. SOLIDS, SAND, PRODUCTION LIQUID										
	b.										
RECEIVER	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: MAGNETUM SWD						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER (1)	PRINTED TYPED NAME Ben Pons Peral				SIGNATURE B. P.				DATE		
	16. NAME				17. NAME						
	IN CASE OF EMERGENCY CONTACT: V. L. L. L.				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432 232 1583				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Javier Mucillo SIGNATURE [Signature] DATE 3-4-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
DISPOSAL	PERMIT NO.		ADDRESS: 665400				PHONE: In 2:54pm Out 2:03pm				
			T. 35444				20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE 3-4-21		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YARD

TRANSPORTER: COPY 2

WAP 6649

26113

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 3225 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 05				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE					
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220			6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS, SAND, PREPARED LIQUID										
	b.										
TRANSPORTER'S DISPOSAL SITE	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: MAESTRO SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER'S DISPOSAL SITE	PRINTED TYPED NAME Ben Pena				SIGNATURE <i>[Signature]</i>			DATE			
	16. TRANSPORTER (1) NAME MA				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: Y. 2 EYUA				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432 232-158				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME JKSUS ZAFUS				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME						
SIGNATURE				DATE 7/4/21		SIGNATURE				DATE	
DISPOSAL FACILITY	ADDRESS: 6752000		PHONE: 1n 3:10pm								
	PERMIT NO.		T 35000		OUT 3:34pm						
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE 26115		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRDS

TRANSPORTER: COPY 2

WHT 4461

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR- 3224 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 01				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS, SAND, PRODUCED LIQUID										
	b.										
	c.										
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: MAESTRO 04					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676										
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY CERTIFICATION	PRINTED TYPED NAME Ben Peña 1226				SIGNATURE Bj R			DATE			
	16. TRANSPORTER (1) NAME MR				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: V. LAYUZ EMERGENCY PHONE: 432 232 158				IN CASE OF EMERGENCY CONTACT:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Rafael Lopez SIGNATURE [Signature] DATE 3-6-2				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
DISPOSAL FACILITY CERTIFICATION	PERMIT NO. 01a		ADDRESS: 6769300		PHONE: 1h 3:06 PM OUT 3:35 PM						
	20. COMMENTS Heck		20. COMMENTS 35000								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
AUTHORIZED SIGNATURE					CELL NO. 26114		DATE 4-1-21				

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YARDS TRANSPORTER: COPY 2 DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM						
NO # CAR-3503		NON-HAZARDOUS WASTE MANIFEST		1. PAGE ____ OF ____	2. TRAILER NO. m73	
G E N E R A T O R T R A N S P O R T E R D I S P O S I T Y	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: 7 a. SOLIDS, SAND, Produced liquid			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL
	b.					
	c.					
	d.					
12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: WCPK 9203x API: 30025451270001 main stream SWD				13. WASTE PROFILE NO.		
14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676						
15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.						
PRINTED TYPED NAME Brette Miller		SIGNATURE Brette Miller		DATE 3/4/21		
16. TRANSPORTER (1) NAME MR IN CASE OF EMERGENCY CONTACT: Victor Loyde EMERGENCY PHONE: 432.232.1580		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Adan Muallo SIGNATURE [Signature] DATE 4-3-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
20. COMMENTS Orca 57600 T 35000		PHONE: 3:38pm OUT 3:51pm				
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE [Signature]		CELL NO.		DATE 26117	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3504		NON-HAZARDOUS WASTE MANIFEST				1. PAGE ___ OF ___		2. TRAILER NO. 4			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE					
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM	STATE NM	ZIP 88220	6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS		9. TOTAL	10. UNIT	11.	
						No.	Type	QUANTITY	WT/Vol.		
	a. SOLIDS, SAND, PRODUCED LIQUID										
DISPOSAL	b.										
	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: WCAIR 92032 API: 300254127000 maelstrom SWD					13. WASTE PROFILE NO.					
TRANSPORTER	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL	PRINTED TYPED NAME Brette Miller				SIGNATURE Brette Miller			DATE 3/4/21			
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: V. LFYU EMERGENCY PHONE: 432 232 1500				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:						
DISPOSAL	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME ALONSO MORALES SIGNATURE [Signature] DATE 3-4-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
	20. PERMIT NO. HUTV		ADDRESS: 6755880		PHONE: In 3:40pm OUT 3:54pm						
DISPOSAL	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE				CELL NO. 26118		TIME				

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR-3505 NON-HAZARDOUS WASTE MANIFEST					1. PAGE ___ OF ___		2. TRAILER NO. 09		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE			
	PHONE NO. 575-887-5676					6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. SANDS, SOLIDS, PRODUCED LIQUID								
	b.								
T R A N S P O R T E R S	c.								
	d.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: API: 800254512000 malstrom SWD CC: UCPH 9203X					13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
D I S P O S I T O R	PRINTED TYPED NAME Brehe Miller					SIGNATURE Brow DATE 3/4/21			
	16. TRANSPORTER (1) NAME					17. TRANSPORTER (2) NAME			
	IN CASE OF EMERGENCY CONTACT: V. L. FYVA EMERGENCY PHONE: 432 232-1580					IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Ricardo Chavez SIGNATURE Ricardo Chavez DATE 3-4-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE			
	ADDRESS: ONA 53440 T 35000					PHONE: 3:44pm OUT 3:56pm			
PERMIT NO. Hecker					20. COMMENTS				
21. DISPOSAL FACILITY'S CERTIFICATION: I Heroby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
AUTHORIZED SIGNATURE					CELL NO.	DATE	TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRO.

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 6649

CHEVRON MCBU Carlsbad, NM									
NO #CAR-3506 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 1473		
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. SOLIDS, SAND, PRODUCED 1/18/10								
	b.								
	c.								
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: API 800 254 5127 0001 CC: WCPK 9203x mailstrom SVS					13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
DISPOSAL	PRINTED TYPED NAME Bret Miller				SIGNATURE Bret Miller		DATE 3/14/21		
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: V. LEVVA EMERGENCY PHONE: 432-232-1520				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
DISPOSAL	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Adam Merrill SIGNATURE: [Signature] DATE: 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____				
	PERMIT NO.		ADDRESS: 162080		PHONE: 3-5-21				
DISPOSAL	20. COMMENTS 339410				39:45a				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Heroby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				0100a				
DISPOSAL	AUTHORIZED SIGNATURE [Signature]				CELL NO.		DATE		TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR-3507 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 01			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE			
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM	STATE NM	ZIP 88220	6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No.	9. TOTAL QUANTITY	10. UNIT WT/VOL	11.
	a. SOLIDS, SAND, PRODUCED LIQUID								
T R A N S P O R T E R S	b.								
	c.								
	d.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: API: 30025451270001 CC: UCNH92032 materials SWD					13. WASTE PROFILE NO.			
D I S P O S I T O R	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
	PRINTED TYPED NAME Brette Miller				SIGNATURE Brette Miller		DATE 3/4/21		
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: Ulyssa EMERGENCY PHONE: 432-232 1500				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
D I S P O S I T O R	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Rafael Jaquez SIGNATURE DATE 3/7/21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
	PERMIT NO.		ADDRESS: G50900			PHONE: 3-5-21			
	20. COMMENTS T 35210					21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			
	AUTHORIZED SIGNATURE [Signature]				CELL NO.	DATE	TIME 2:50 PM		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YRS WHP 6649

2021S

CHEVRON MCBU Carlsbad, NM					
NO #CAR-3508 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1	2. TRAILER NO. 5
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. SOLIDS, SAND, PROPOSED LIQUID				
	b.				
	c.				
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: UCPK9203X API 20025 US 27001 monistrom SWD		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD		24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
DISPOSAL	PRINTED TYPED NAME Brette Miller		SIGNATURE Brette Miller		DATE 3/4/21
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: Leyla EMERGENCY PHONE: 432-272 1524		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Jesus Sarmiento SIGNATURE [Signature] DATE 3-5-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
DISPOSAL	ADDRESS: 6584100		PHONE: 3-5-21		
	PERMIT NO. 7828		20. COMMENTS 35210 39.500		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3510 NON-HAZARDOUS WASTE MANIFEST						1. PAGE 1 OF 1		2. TRAILER NO. 09		
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE			
	PHONE NO. 575-887-5676						6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. Solids, Spill, Produced Liquid									
	b.									
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: UGPHG 205X API 30025451270001 malstrom SWD						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME Brette Miller					SIGNATURE Brette			DATE 3/15/21	
	16. TRANSPORTER (1) NAME					17. TRANSPORTER (2) NAME				
DISPOSAL FACILITY'S CERTIFICATION	IN CASE OF EMERGENCY CONTACT: Leyva					IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 432-732-1590					EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material					19. TRANSPORTER (2): Acknowledgment of receipt of material				
	PRINTED/TYPED NAME Kirkwood					PRINTED/TYPED NAME				
	SIGNATURE Kirkwood					SIGNATURE				
DISPOSAL FACILITY'S CERTIFICATION	ADDRESS: 575-887-5676			PHONE: 3-521						
	PERMIT NO. 0519			20. COMMENTS 031020			21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility that the facility is authorized and permitted to receive such wastes.			
	AUTHORIZED SIGNATURE			CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU					
Carlsbad, NM					
NO #CAR-3509 NON-HAZARDOUS WASTE MANIFEST			1. PAGE 1 OF 1		2. TRAILER NO. 03
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM	STATE NM	ZIP 88220
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. Solids, Soil, Produced Liquid				
	b.				
RECEIVER	c.				
	d.				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: WCRK9203x HPI 30025 45127000 malstrom SWD			13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
TRANSPORTER	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME Brett Miller		SIGNATURE Brett Miller		DATE 3/4/21
	16. TRANSPORTER (1) NAME		17. TRANSPORTER (2) NAME		
DISPOSAL SITE	IN CASE OF EMERGENCY CONTACT: Leyre		IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE: 432-272-1500		EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Juan Amoro		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME		
	SIGNATURE Juan Amoro DATE 3-2-21		SIGNATURE DATE		
DISPOSAL SITE	ADDRESS: 160380		PHONE: 3-8-21		
	PERMIT NO. 32030		20. COMMENTS 310:001		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3512 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO.				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol	
	a. SOLIDS, SAN, PADDLED W/SLID										
	b.										
	c.										
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: UCPH 92027X HPI 3002545127000/mue 1st term SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER'S CERTIFICATION	PRINTED TYPED NAME Bret Miller				SIGNATURE Bret		DATE 3/4/21				
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: Leyve EMERGENCY PHONE: 432 272 102				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Javier Mello SIGNATURE DATE				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
DISPOSAL FACILITY CERTIFICATION	ADDRESS: Orle 55860		PHONE: 3-8-21		20. COMMENTS 32/21 210.220						
	PERMIT NO. 50220		21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220 210222

GENERATOR: COPY 1

20 XRS

TRANSPORTER: COPY 2

WHA 4467

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM					
NO #CAR-3513		NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1	2. TRAILER NO. 5
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY CARLSBAD, NM 88220 STATE ZIP		5. PICK-UP DATE
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				6.
	a.		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL
	b.				
	c.				
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: UCR 92032 API: 3002545127000 mailston SWJ		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME Brette Miller		SIGNATURE Brette Miller		DATE 3/4/21
	16. TRANSPORTER (1) NAME MR IN CASE OF EMERGENCY CONTACT: Leyva EMERGENCY PHONE 432-232-1520		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
DISPOSAL FACILITY CERTIFICATION	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Alonso Morales SIGNATURE [Signature] DATE 3-5-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	ADDRESS: 101360		PHONE: 3521		
	PERMIT NO. 105220		20. COMMENTS 21026		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU					
Carlsbad, NM					
NO #CAR-3514		NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1	2. TRAILER NO. 7
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM	STATE NM	ZIP 88220
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL
	a.				
	b.				
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: API 3002545127000 / malstrom GMD		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD		24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME Bret Miller		SIGNATURE Bret		DATE 3/4/21
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: Leyva EMERGENCY PHONE: 432 232 150		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
DISPOSAL	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Ramon Ramirez SIGNATURE: Ramon Ramirez DATE: 3-5-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____		
	ADDRESS: G 65160		PHONE: 3520		
	PERMIT NO. 20840		20. COMMENTS T 3/24/21 31033		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3516		NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 146			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE					
	PHONE NO. 575-887-5676					6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.	
	a. SOLIDS, SAND, PARAFFIN LIQUID										
	b.										
TRANSPORTER'S CERTIFICATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: API 80025 45/2700 malstrom SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY'S CERTIFICATION	PRINTED TYPED NAME Brette Miller				SIGNATURE Brette Miller			DATE 3/4/21			
	16. TRANSPORTER (1) NAME RM				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LEYKE				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432-232-1520				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: [Signature] SIGNATURE: [Signature] DATE: 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____						
PERMIT NO. 709280		20. COMMENTS T 3/4/21 210380m									
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME 010:55a		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YES

TRANSPORTER: COPY 2

W/H 66649

DISPOSAL SITE: COPY 3 & 4

216226

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3515		NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1		2. TRAILER NO. 144			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/VOL	
	a. SOLIDS, SAND, PRODUCTION WASTE										
	b.										
	c.										
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: API 3002545127001 CC: UCPH92037 MATERIAL SWD					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
TRANSPORTER (1)	PRINTED TYPED NAME Bret Miller				SIGNATURE Bret Miller			DATE 3/4/21			
	16. NAME IN CASE OF EMERGENCY CONTACT: Leyva EMERGENCY PHONE: 432-232-1580				17. NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:						
TRANSPORTER (2)	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Eduardo Morera SIGNATURE: Eduardo Morera DATE: 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____						
	20. COMMENTS Ode 662020 35-21 T 34121 210390m 010157m										
DISPOSAL SITE	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 XRS

TRANSPORTER: COPY 2

WHP 4467

DISPOSAL SITE: COPY 3 & 4

210327

11/11/2

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3518 NON-HAZARDOUS WASTE MANIFEST											
1. PAGE 1 OF 1 2. TRAILER NO. 173											
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol	
	a. SOLIDS, SAND, PRODUCED LIQUID										
	b.										
	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: 40 PK 9203X RA: 3002545127001 mailstrom SWB					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676										
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
	PRINTED TYPED NAME STEPHEN PEE					SIGNATURE Stephen P			DATE 3-5-2021		
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME					17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: LEYUN EMERGENCY PHONE: 432.232.1580					IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Helen Nuno SIGNATURE: [Signature] DATE: 3-5-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____					
	ADDRESS: 063340					PHONE: 3520					
D I S C P I O L S I A T Y	PERMIT NO. T8880					20. COMMENTS T35910 I 12106P					
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility; that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3520 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. Q5			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-5-21				
	PHONE NO. 575-887-5676					6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SANDS, SAND, PRODUCED LIQUID									
	b.									
A T T R I B U T E D	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC UCPK 9203X API: 20025451770001 malstrom SWD						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
T R A N S P O R T E R S	PRINTED TYPED NAME STEPHEN POE					SIGNATURE Steph Poe		DATE 3-5-2021		
	16. TRANSPORTER (1) NAME MR					17. TRANSPORTER (2) NAME				
	IN CASE OF EMERGENCY CONTACT: LFYVA					IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 131232-1580					EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Jesus Sanchez SIGNATURE [Signature] DATE 3-5-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
D I S P O S I T I O N	ADDRESS: Ode		G 55480			PHONE: 3821				
	PERMIT NO. T 852		T 39420			20. COMMENTS 2nd item				
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM						
NO #CAR- 3521 NON-HAZARDOUS WASTE MANIFEST			1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. 09	
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3-5-21	
	PHONE NO. 575-887-5676		CITY STATE ZIP CARLSBAD, NM 88220		6.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	
	a. SOLIDS, SAND, PRODUCED LIQUID					
	b.					
TRANSPORTER'S CERTIFICATION	c.					
	d.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE PROFILE NO.	
	CC: UCP# 9203X API: 80025451270001 MAILSTROM SWD					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				24-HOUR EMERGENCY NO.	
DISPOSAL FACILITY	CHEVRON CARLSBAD				575-887-5676	
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.					
	PRINTED TYPED NAME Stephen Poe			SIGNATURE <i>Stephen Poe</i>		DATE 3-5-2021
	16. TRANSPORTER (1) NAME			17. TRANSPORTER (2) NAME		
	IN CASE OF EMERGENCY CONTACT: LFYUN EMERGENCY PHONE: 432.232.1530			IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
DISPOSAL FACILITY	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME GUARDO CHAVEZ			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____		
	SIGNATURE GUARDO DATE 3-5-21			SIGNATURE _____ DATE _____		
	ADDRESS:		PHONE:			
	070		G 60800		35-21	
	20. COMMENTS T 33910 3/12/2021 01231pm					
21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility that the facility is authorized and permitted to receive such wastes.						
AUTHORIZED SIGNATURE			CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 **20 YEDS**

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHP 6649**26238**

CHEVRON MCBU Carlsbad, NM					
NO #CAR-3511 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1	2. TRAILER NO. 03
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. SOLIDS, SAND, PRODUCED LIQUID				
	b.				
	c.				
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: UCPK9 2021 RPM 2002545127000 made 1500m SWD		13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD		24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Herby declare that the contents of this consignment are fully and accurately described above.				
DISPOSAL	PRINTED TYPED NAME Breth Miller		SIGNATURE Breth		DATE 3/14/21
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: LEYVA EMERGENCY PHONE: 432-232-1502		17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
DISPOSAL	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Juan Arroyo SIGNATURE: Juan Arroyo DATE: 3-5-21		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____		
	20. COMMENTS T 35980 I 12:21pm				
DISPOSAL	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRS

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

WHA 6649

20239

CHEVRON MCBU Carlsbad, NM					
NO #CAR-3525		NON-HAZARDOUS WASTE MANIFEST		1. PAGE 1 OF 1	2. TRAILER NO. 5
GENERATOR'S INFORMATION	3. COMPANY NAME CHEVRON CARLSBAD	4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE	
	PHONE NO. 575-887-5676	CITY CARLSBAD, NM	STATE NM	6. ZIP 88220	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				
	a. SOLIDS, SAND, PRODUCED FLUID				
CONTAINER INFORMATION	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	No.	Type			
	b.				
	c.				
REMARKS	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE PROFILE NO.
	A CC: UCPK 9203x API: 30025451270001				malstrom
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				
	T CHEVRON CARLSBAD				24-HOUR EMERGENCY NO. 575-887-5676
OPERATOR'S INFORMATION	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	CC: UCPK 9203x API: 30025451270001				
	PRINTED TYPED NAME		SIGNATURE		DATE
	Stephen Poe		[Signature]		3-5-2021
TRANSPORTER INFORMATION	16. TRANSPORTER (1)		17. TRANSPORTER (2)		
	NAME		NAME		
	IN CASE OF EMERGENCY CONTACT: LKY VM		IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE: 432 232 1500		EMERGENCY PHONE:		
RECEIPT INFORMATION	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME James Merrill		PRINTED/TYPED NAME		
	SIGNATURE [Signature]		SIGNATURE		
	DATE		DATE		
DISPOSAL SITE INFORMATION	ADDRESS: Orle		PHONE: 657340		3520
	PERMIT NO. 190290		20. COMMENTS TB3350		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME 3:12:36pm

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YRS

WHA 6649

20241

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3387 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. <i>64</i>				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-5-21					
	PHONE NO. 575-887-5676					6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT WT/Vol	11.	
	a. <i>SOLIDS, SAND, PRODUCED LIQUID</i>										
	b.										
T R A N S P O R T E R S	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>CC: UCAK 9208x 17PI 300254512700H max/stom SWD</i>					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
D I S P O S I T Y	PRINTED TYPED NAME <i>STEPHEN Pae</i>				SIGNATURE <i>Step Pae</i>			DATE 3-5-21			
	16. TRANSPORTER (1) NAME <i>PM</i>				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: <i>VILEYVA</i>				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: <i>432232 15-20</i>				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>ALONSO MORELES</i> SIGNATURE <i>[Signature]</i> DATE <i>3-5-21</i>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____						
D I S P O S I T Y	ADDRESS: <i>Oste</i>		ADDRESS: <i>6760000</i>			PHONE: <i>3821</i>					
	PERMIT NO. <i>1022</i>		20. COMMENTS <i>135870</i>								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE <i>[Signature]</i>				CELL NO.		DATE		TIME <i>5:23pm</i> <i>1:00pm</i>		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRDS

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

26242

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3522 NON-HAZARDOUS WASTE MANIFEST					1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>0868</u>				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-5-21				
	PHONE NO. 575-887-5676						6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
	a. <u>SOLIDS SAND PRODUCED LIQUID</u>										
	b.										
TRANSPORTER'S CERTIFICATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>CC = UCPK 9203X API: 80025451270001 max/st on SWD</u>						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY	PRINTED TYPED NAME <u>STEPHEN POE</u>				SIGNATURE <u>Step Poe</u>			DATE 3-5-2021			
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: <u>LFYVA</u>				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: <u>432-272-158</u>				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>Ramon Ramirez</u> SIGNATURE <u>Ramon Ramirez</u> DATE _____				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____						
DISPOSAL FACILITY	ADDRESS: <u>Orla</u>			ADDRESS: <u>G59980</u>			PHONE: <u>31281pm</u>				
	PERMIT NO. <u>19920</u>			20. COMMENTS <u>T 30850</u> <u>01:08pm</u>							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3517 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO.			
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 1/63			
	PHONE NO. 575-887-5676									
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a.									
	b.									
RECEIVER	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: UCPK92034 APR 30 2025 4512200 maelstrom SWD						13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME Brette Miller				SIGNATURE Bro		DATE 3/4/21			
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME					
DISPOSAL	IN CASE OF EMERGENCY CONTACT: Leyre EMERGENCY PHONE: 432 232 1583				IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia Robles SIGNATURE <i>[Signature]</i> DATE				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
	20. COMMENTS T 30240									
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
	AUTHORIZED SIGNATURE				CELL NO.	DATE	TIME 3:00pm 01:19pm			

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 XRS WMA

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4 20247

CHEVRON MCBU					
Carlsbad, NM <i>WHP 6649</i>					
NO #CAR-3388 NON-HAZARDOUS WASTE MANIFEST				1. PAGE 1 OF 1	2. TRAILER NO. <i>M73</i>
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST.		5. PICK-UP DATE 3-5-21
	PHONE NO. 575-887-5676		CITY CARLSBAD, NM	STATE NM	ZIP 88220
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.
	a. <i>SOLIDS, SAND, PRODUCED LIQUID</i>				
T R A N S P O R T E R S	b.				
	c.				
	d.				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>CE: UCPK 9208X API 30025451270001 mulston SWB</i>		13. WASTE PROFILE NO.		
D I S P O S I T Y	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD				24-HOUR EMERGENCY NO. 575-887-5676
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.				
	PRINTED TYPED NAME <i>STEPHEN POE</i>		SIGNATURE <i>Stephen Poe</i>		DATE 3-5-21
	16. TRANSPORTER (1) NAME		17. TRANSPORTER (2) NAME		
D I S P O S I T Y	IN CASE OF EMERGENCY CONTACT: <i>LEYVA</i>		IN CASE OF EMERGENCY CONTACT:		
	EMERGENCY PHONE: <i>432-232-1500</i>		EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: <i>Adan M. Muriel</i>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____		
	SIGNATURE: <i>Adan M. Muriel</i> DATE: <i>3-5-21</i>		SIGNATURE: _____ DATE: _____		
D I S P O S I T Y	ADDRESS: <i>Orla G 161480</i>		PHONE: <i>3820</i>		
	PERMIT NO. <i>1522X</i>		20. COMMENTS <i>T 38210 3210pm</i>		
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE		CELL NO.	DATE	TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR-3389 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 01		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-5-21		
	PHONE NO. 575-887-5676						6.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SAND, SOLIDS, PREPARED LIQUID								
	b.								
	c.								
	d.								
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: CO: UOPK 9283X API 30025451270001						13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676		
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: LEYVA EMERGENCY PHONE: 432-232-1580				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Rafael Jaquez SIGNATURE [Signature] DATE 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
	DISPOSAL SITE: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220								
	20. COMMENTS T 38810				21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
D I S C R I P T O L S I A T I O N A L Y	PERMIT NO. T 88200			ADDRESS: G 59360			PHONE: 3521		
	AUTHORIZED SIGNATURE			CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YPD WTP 6649 TRANSPORTER: COPY 2 DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3390 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 05				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 7-5-21				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS, SAND, PRODUCED LIQUID										
	b.										
	c.										
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: mullstrom SWD						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
	PRINTED TYPED NAME STEPHEN Pae			SIGNATURE Step Pae			DATE 3-5-2021				
	16. TRANSPORTER (1) NAME MR			17. TRANSPORTER (2) NAME							
DISPOSAL FACILITY'S CERTIFICATION	IN CASE OF EMERGENCY CONTACT: LEYVA			IN CASE OF EMERGENCY CONTACT:							
	EMERGENCY PHONE: 432-232 1500			EMERGENCY PHONE:							
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: LESAS SANCHEZ			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME:							
	SIGNATURE: [Signature] DATE: 3-5-21			SIGNATURE: _____ DATE:							
	ADDRESS: 0506			PHONE: 3521							
PERMIT NO. 7823			20. COMMENTS T34520								
21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.											
AUTHORIZED SIGNATURE						CELL NO.		DATE		TIME 02:44pm	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRDS WHP 6649

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4 26259

CHEVRON MCBU Carlsbad, NM										
NO #CAR-3392 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 03			
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3-5-21		6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.		
	a. SOLIDS SAND PRODUCED LIQUID									
	b.									
	c.									
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: malstrom SWD				13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD				24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
DISPOSAL FACILITY'S CERTIFICATION	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: Leyla EMERGENCY PHONE: 432 232-1581				17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Juan Arroyo SIGNATURE Juan Arroyo DATE 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
	20. COMMENTS T 35600		ADDRESS: 660000		PHONE: 3521					
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 XADS
TRANSPORTER: COPY 2 WHP 6689
DISPOSAL SITE: COPY 3 26260

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR-3394 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 4		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3-5-21		
	PHONE NO. 575-887-5676			CITY CARLSBAD, NM 88220			6.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol	
	a. SOLIDS, SAND, PRODUCED LIQUID								
T R A N S P O R T E R S	b.								
	c.								
	d.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail stream SWD								
D I S P O S I T O R S	13. WASTE PROFILE NO.								
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD								
	24-HOUR EMERGENCY NO. 575-887-5676								
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
D I S P O S I T O R S	PRINTED TYPED NAME STEPHEN POE			SIGNATURE Stephen Poe			DATE 3-5-2021		
	16. TRANSPORTER (1) NAME RM			17. TRANSPORTER (2) NAME					
	IN CASE OF EMERGENCY CONTACT: LEYVA			IN CASE OF EMERGENCY CONTACT:					
	EMERGENCY PHONE: 432 232 1582			EMERGENCY PHONE:					
D I S P O S I T O R S	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material					
	PRINTED/TYPED NAME ALONSO MORALES			PRINTED/TYPED NAME					
	SIGNATURE [Signature] DATE 3/5/21			SIGNATURE			DATE		
	ADDRESS: 086 G 61700			PHONE: 3821					
D I S P O S I T O R S	PERMIT NO. 78220			20. COMMENTS 36820			2304pm		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE			CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1 20 YRDS TRANSPORTER: COPY 3 WHIP 6649 DISPOSAL SITE: COPY 3 & 4 26265

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3393 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 5				
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST.			5. PICK-UP DATE 3-5-21				
	PHONE NO. 575-887-5676			CITY STATE ZIP CARLSBAD, NM 88220			6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No.	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
	a. SOLIDS, SAND, PRODUCED LIQUID										
	b.										
TRANSPORTER	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC 1 UPCK 9203X API 30025451270001 main stream SWD						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL SITE	PRINTED TYPED NAME Stephen Per				SIGNATURE Step P			DATE 3-5-2021			
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: Loyla				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432 232 1500				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Javier Mucilla SIGNATURE: [Signature] DATE: 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____						
DISPOSAL FACILITY	ADDRESS: Orla			ADDRESS: 57200			PHONE: 352				
	PERMIT NO. 18220			20. COMMENTS 38250							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility and the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3-4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3395 NON-HAZARDOUS WASTE MANIFEST					1. PAGE <u>1</u> OF <u>1</u>		2. TRAILER NO. <u>144</u>				
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE <u>3-5-21</u>				
	PHONE NO. 575-887-5676						6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/VOL	11.	
	a. <u>SOLIDS, SAND, PRODUCED LIQUID</u>										
	b.										
T R A N S P O R T E R S	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <u>mac/stron</u> <u>CC: UCPK 9703X API 80025451270001</u> <u>SND</u>						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
D I S P O S I T O R	PRINTED TYPED NAME <u>STEPHEN POE</u>				SIGNATURE <u>Steph Poe</u>			DATE <u>3-5-2021</u>			
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: <u>LEYUN</u>				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: <u>432.272.1520</u>				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u>Eduardo Moreno</u> SIGNATURE <u>Eduardo Moreno</u> DATE <u>3-5-21</u>				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____						
D I S P O S I T O R	ADDRESS: <u>Orle</u>			PHONE: <u>606600</u>			<u>35.21</u>				
	PERMIT NO. <u>18220</u>			20. COMMENTS <u>65120</u>							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YRDS WHP 6643 26268

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3397 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 8			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICKUP DATE 3-5-21				
	PHONE NO. 575-887-5676					6.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/VOL
	a. SOLIDS, SAND, PRODUCED LIQUID									
T R A N S P O R T E R S	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CC: WOPK 9203X DPI: 30025451270001 SWD maelstrom					13. WASTE PROFILE NO.				
D I S P O S I T Y	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME STEPHEN RE					SIGNATURE Stephen Re			DATE 3-5-2021	
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: LEYUN EMERGENCY PHONE: 432-232-1580					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
D I S P O S I T Y	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Ramon Ramirez SIGNATURE Ramon Ramirez DATE 3-5-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
	PERMIT NO. T80210		ADDRESS: G 1044662			PHONE: 3-5-21				
	20. COMMENTS T39240									
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
D I S P O S I T Y	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YRD

TRANSPORTER: COPY 2

WAP 664e

DISPOSAL SITE: COPY 3 & 4

20267

CHEVRON MCBU Carlsbad, NM											
NO #CAR-3396 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO.				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-5-21					
	PHONE NO. 575-887-5676					6.					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/VOL	
	a. SOLIDS SAND PROBABLY LIQUIDS										
	b.										
TRANSPORTER'S CERTIFICATION	c.										
	d.										
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mmlstrum SWP					13. WASTE PROFILE NO.					
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676					
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
DISPOSAL FACILITY'S CERTIFICATION	PRINTED TYPED NAME STEPHEN PDE				SIGNATURE Step Pde			DATE 3-5-2021			
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME						
	IN CASE OF EMERGENCY CONTACT: LEYVA				IN CASE OF EMERGENCY CONTACT:						
	EMERGENCY PHONE: 432.232.1580				EMERGENCY PHONE:						
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Fernando Garcia B SIGNATURE Fernando Garcia B DATE 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE						
DISPOSAL FACILITY'S CERTIFICATION	ADDRESS: Dela		PHONE: 3521								
	PERMIT NO. T88220		20. COMMENTS T88540 2323PM								
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE				CELL NO.		DATE		TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU Carlsbad, NM									
NO #CAR- 3209 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO.		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220		5. PICK-UP DATE 3/3/2021				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS SAND, GEL, PROPOSED LIQUID								
	b.								
	c.								
R A T E S	12. COMMENTS OR SPECIAL INSTRUCTIONS: MARLSTROM				13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD				24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME R M			17. TRANSPORTER (2) NAME			DATE		
	IN CASE OF EMERGENCY CONTACT: Victor Layre EMERGENCY PHONE: 432-232-1580			IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME r Javier Murillo SIGNATURE [Signature] DATE 3-4-21			19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
	D F I A S C P I O L S A T L Y			ADDRESS: 6166 100 34880			PHONE: 1 10:08am		
PERMIT NO.			20. COMMENTS O 10:42						
21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
AUTHORIZED SIGNATURE TK #5				CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR- 3210 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 05				
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/31/2021				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT WT/Vol.
	a. SOLIDS SAND, SOL, PRODUCED WATERS										
	b.										
	c.										
TRANSPORTER'S CERTIFICATION	12. COMMENTS OR SPECIAL INSTRUCTIONS: MAGNETIC SWD CC: UOPK 72032 API: 30025451270001						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
	PRINTED TYPED NAME Ben Pens P202					SIGNATURE <i>[Signature]</i>			DATE		
	16. TRANSPORTER (1) NAME RM IN CASE OF EMERGENCY CONTACT: Victor Lema EMERGENCY PHONE: (132) 232-1580					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
DISPOSAL FACILITY CERTIFICATION	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE 2-4-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
	20. COMMENTS 33290			PHONE: 31044AM 011:08AM							
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR- 3524 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 142		
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-5-21			
	PHONE NO. 575-887-5676					6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. SANDS, SAND, PRODUCED LIQUID								
A U T H O R I Z E D	b.								
	c.								
	d.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: CO: UOPK 92027 API: 30025451270001 Mailstrom SWD					13. WASTE PROFILE NO.			
T R A N S P O R T E R S	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
	PRINTED TYPED NAME STEPHEN POE					SIGNATURE [Signature] DATE 3-5-2021			
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: LEYVA EMERGENCY PHONE: 432 232-1520					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
D I S P O S I T Y	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: Osbaldo Sanchez SIGNATURE: [Signature] DATE: 3-5-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____			
	20. COMMENTS T36520		ADDRESS: C 50890			PHONE: 3-5-21			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					25:50PM 05:50PM			
	AUTHORIZED SIGNATURE					CELL NO.	DATE	TIME	

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YRDS W/1P 6069

26284

CHEVRON MCBU											
Carlsbad, NM											
NO #CAR-3849 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 144				
GENERATOR	3. COMPANY NAME CHEVRON CARLSBAD PHONE NO. 575-887-5676			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3/11/2021				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type		9. TOTAL QUANTITY		10. UNIT
	a. SOLIDS, SAND, Reduced liquid										
	b.										
	c.										
TRANSPORTER	12. COMMENTS OR SPECIAL INSTRUCTIONS: CO: 4025 92230 API 30025-151270001						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676				
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.										
	PRINTED TYPED NAME STEPHEN POF					SIGNATURE <i>Stephen POF</i>			DATE 3/11/2021		
	16. TRANSPORTER (1) NAME PQ IN CASE OF EMERGENCY CONTACT: LEYVA EMERGENCY PHONE: 432 232 15PS					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
DISPOSAL SITE	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno SIGNATURE <i>Eduardo Moreno</i> DATE 3/11/21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE					
	PERMIT NO. 2020			ADDRESS: Orla G 70900			PHONE:				
	20. COMMENTS 7 39880										
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.										
	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME 3:30 PM	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

20 YPD

TRANSPORTER: COPY 2

WHP 6649

DISPOSAL SITE: COPY 3 & 4

26681

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR- 3523 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 144		
GENERATOR'S CERTIFICATION	3. COMPANY NAME CHEVRON CARLSBAD		4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE			
	PHONE NO. 575-887-5676					6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol	11.
	a. SOLIDS, SAND, PRODUCED LIQUID								
	b.								
TRANSPORTER'S CERTIFICATION	c.								
	d.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: 40 PK 9203x API 20025451270001 malstrom SWA					13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD					24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
TRANSPORTER'S CERTIFICATION	PRINTED TYPED NAME STEPHEN FOR				SIGNATURE Stephen For		DATE 3-5-2021		
	16. TRANSPORTER (1) NAME				17. TRANSPORTER (2) NAME				
	IN CASE OF EMERGENCY CONTACT: L.F.Y.M.				IN CASE OF EMERGENCY CONTACT:				
	EMERGENCY PHONE: 432-232-1520				EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Eduardo Moreno SIGNATURE Eduardo Moreno DATE 3-5-21				19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE				
DISPOSAL FACILITY	PERMIT NO. 18223		ADDRESS: G 10340		PHONE: 3521				
	20. COMMENTS T 3660					31:00pm			
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility and that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE				CELL NO.	DATE	TIME		

Disposal Site: Please complete Disposal Facility section at bottom of form and
mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

20 YEDS WHP 6649

20246

CHEVRON MCBU										
Carlsbad, NM										
NO #CAR-3391 NON-HAZARDOUS WASTE MANIFEST					1. PAGE 1 OF 1		2. TRAILER NO. 09			
G E N E R A T O R	3. COMPANY NAME CHEVRON CARLSBAD			4. ADDRESS 3150 E. GREENE ST. CITY STATE ZIP CARLSBAD, NM 88220			5. PICK-UP DATE 3-5-21			
	PHONE NO. 575-887-5676						6.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:						8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
	a. SOLIDS, SANDS, PRODUCED LIQUID									
T R A N S P O R T E R S	b.									
	c.									
	d.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS: mail storm SWD						13. WASTE PROFILE NO.			
D I S P O S I T I O N	14. IN CASE OF EMERGENCY OR SPILL, CONTACT CHEVRON CARLSBAD						24-HOUR EMERGENCY NO. 575-887-5676			
	15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.									
	PRINTED TYPED NAME STEPHEN POE					SIGNATURE Stephen Poe			DATE 3-5-2021	
	16. TRANSPORTER (1) NAME IN CASE OF EMERGENCY CONTACT: LEXVA EMERGENCY PHONE: 432-232-1122					17. TRANSPORTER (2) NAME IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:				
D I S P O S I T I O N	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME: RICHARD CHAIKIN SIGNATURE: RICHARD CHAIKIN DATE: 3-5-21					19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____				
	PERMIT NO. 1059200			ADDRESS: 960840			PHONE: 3521			
	20. COMMENTS T 33280									
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.									
D I S P O S I T I O N	AUTHORIZED SIGNATURE					CELL NO.		DATE		TIME 2:28pm 03:00pm

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 3150 E. Greene St. Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

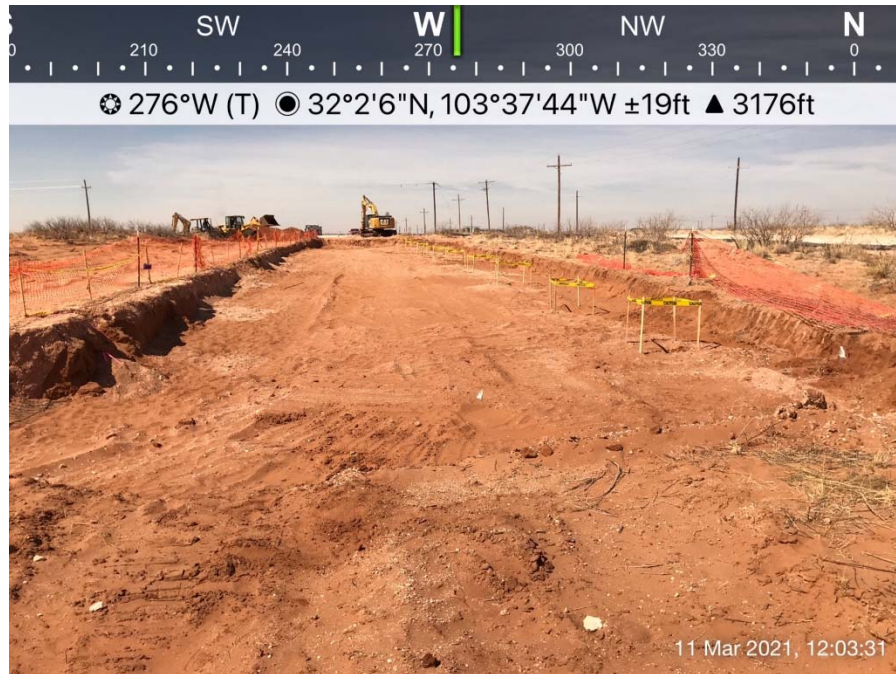
Appendix F
Photographs



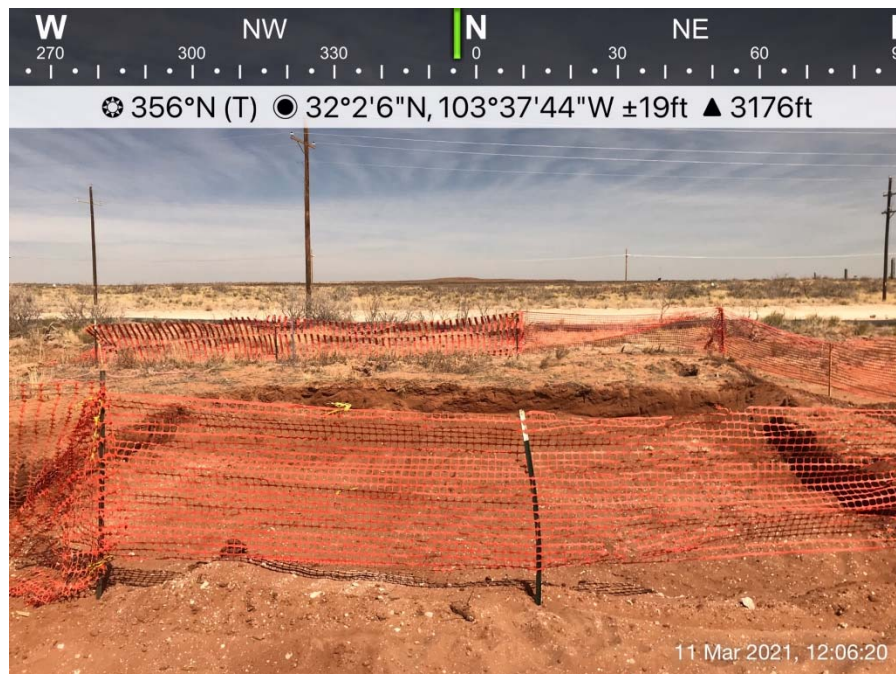
Photograph of Area 1, excavated to 1-foot bgs, March 11, 2021.



Photograph of Area 2, excavated to 3 feet bgs, viewing to the east, March 11, 2021.



Photograph of Area 2, viewing to the west, March 11, 2021.



Photograph of Area 3, excavated to 1-foot bgs, March 11, 2021.



Photograph showing Area 1 backfilled and seeded, May 4, 2021.



Photograph showing Area 2, backfilled and seeded, May 4, 2021.



Photograph showing Area 2 and Area 3 backfilled and seeded, May 4, 2021.

Appendix D
Laboratory Reports

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Chevron SD Pad 15

Project Number: 19-0154-01

Location: None Given

Lab Order Number: 9G01006



NELAP/TCEQ # T104704516-18-9

Report Date: 07/15/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-12 @ (0'-1')	9G01006-01	Soil	06/28/19 12:21	07-01-2019 12:12
HA-12 @ (1'-2')	9G01006-02	Soil	06/28/19 12:21	07-01-2019 12:12
HA-1 @ (0'-1')	9G01006-03	Soil	06/28/19 12:33	07-01-2019 12:12
HA-1 @ (1'-2')	9G01006-04	Soil	06/28/19 12:37	07-01-2019 12:12
HA-2 @ (0'-1')	9G01006-05	Soil	06/28/19 12:41	07-01-2019 12:12
HA-2 @ (1'-2')	9G01006-06	Soil	06/28/19 12:51	07-01-2019 12:12
HA-13 @ (0'-1')	9G01006-07	Soil	06/28/19 12:57	07-01-2019 12:12
HA-13 @ (1'-2')	9G01006-08	Soil	06/28/19 12:59	07-01-2019 12:12
HA-4 @ (0'-1')	9G01006-09	Soil	06/28/19 13:04	07-01-2019 12:12
HA-4 @ (1'-2')	9G01006-10	Soil	06/28/19 13:09	07-01-2019 12:12
HA-3 @ (0'-1')	9G01006-11	Soil	06/28/19 13:14	07-01-2019 12:12
HA-3 @ (1'-2')	9G01006-12	Soil	06/28/19 13:17	07-01-2019 12:12
HA-5 @ (0'-1')	9G01006-13	Soil	06/28/19 13:33	07-01-2019 12:12
HA-5 @ (1'-2')	9G01006-14	Soil	06/28/19 13:14	07-01-2019 12:12
HA-6 @ (0'-1')	9G01006-15	Soil	06/28/19 13:39	07-01-2019 12:12
HA-6 @ (1'-2')	9G01006-16	Soil	06/28/19 13:42	07-01-2019 12:12
HA-7 @ (0'-1')	9G01006-17	Soil	06/28/19 13:47	07-01-2019 12:12
HA-7 @ (1'-2')	9G01006-18	Soil	06/28/19 13:49	07-01-2019 12:12
HA-8 @ (0'-1')	9G01006-19	Soil	06/28/19 13:53	07-01-2019 12:12
HA-8 @ (1'-2')	9G01006-20	Soil	06/28/19 13:55	07-01-2019 12:12
HA-9 @ (0'-1')	9G01006-21	Soil	06/28/19 14:01	07-01-2019 12:12
HA-9 @ (1'-2')	9G01006-22	Soil	06/28/19 14:03	07-01-2019 12:12
HA-10 @ (0'-1')	9G01006-23	Soil	06/28/19 14:06	07-01-2019 12:12
HA-10 @ (1'-2')	9G01006-24	Soil	06/28/19 14:09	07-01-2019 12:12
HA-11 @ (0'-1')	9G01006-25	Soil	06/28/19 14:13	07-01-2019 12:12
HA-11 @ (1'-2')	9G01006-26	Soil	06/28/19 14:16	07-01-2019 12:12

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-12 @ (0'-1')

9G01006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		114 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.9 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	58.3	1.03	mg/kg dry	1	P9G0806	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-12 @ (1'-2')
9G01006-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	3.37	1.09	mg/kg dry	1	P9G0806	07/08/19	07/09/19	EPA 300.0	
% Moisture	8.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.2	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		94.0 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		104 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-1 @ (0'-1')
9G01006-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.9 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	228	1.00	mg/kg dry	1	P9G0806	07/08/19	07/09/19	EPA 300.0	
% Moisture	ND	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-1 @ (1'-2')
9G01006-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.3 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.1 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	89.2	1.03	mg/kg dry	1	P9G0806	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-2 @ (0'-1')
9G01006-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.2 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	3000	10.3	mg/kg dry	10	P9G0806	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-2 @ (1'-2')
9G01006-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	338	1.02	mg/kg dry	1	P9G0806	07/08/19	07/09/19	EPA 300.0	
% Moisture	2.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-13 @ (0'-1')
9G01006-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.1 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	6970	25.8	mg/kg dry	25	P9G0806	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-13 @ (1'-2')
9G01006-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.8 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7720	26.0	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-130		P9G0403	07/04/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/04/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-4 @ (0'-1')
9G01006-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.9 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.1 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.09	1.02	mg/kg dry	1	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	2.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-4 @ (1'-2')
9G01006-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		84.5 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.9 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	11.2	1.10	mg/kg dry	1	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	9.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.5	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		99.3 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-3 @ (0'-1')
9G01006-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.8 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	6850	25.8	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-3 @ (1'-2')
9G01006-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.5 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		85.2 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4910	26.3	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	5.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.3	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		123 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-5 @ (0'-1')
9G01006-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4890	25.8	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		126 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		139 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-5 @ (1'-2')
9G01006-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.8 %	80-120		P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4350	10.4	mg/kg dry	10	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-6 @ (0'-1')
9G01006-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.9 %		80-120	P9G0206	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %		80-120	P9G0206	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	50.9	1.03	mg/kg dry	1	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		120 %		70-130	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		134 %		70-130	P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-6 @ (1'-2')
9G01006-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/02/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/02/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/02/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/02/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/02/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.8 %	80-120		P9G0208	07/02/19	07/02/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.4 %	80-120		P9G0208	07/02/19	07/02/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	9270	51.5	mg/kg dry	50	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-7 @ (0'-1')
9G01006-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		85.7 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.2 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	184	1.03	mg/kg dry	1	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		135 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		151 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-7 @ (1'-2')
9G01006-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.0 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.2 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	25.4	1.04	mg/kg dry	1	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		121 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-8 @ (0'-1')
9G01006-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.4 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.3 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	6600	25.8	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		128 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		142 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-8 @ (1'-2')
9G01006-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.9 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	8840	26.0	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-9 @ (0'-1')
9G01006-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.8 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7280	26.0	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		128 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		142 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-9 @ (1'-2')
9G01006-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		83.2 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7210	26.0	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		133 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-10 @ (0'-1')
9G01006-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.6 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.4 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	8220	25.8	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-10 @ (1'-2')
9G01006-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.7 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7510	26.0	mg/kg dry	25	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		123 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		138 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-11 @ (0'-1')
9G01006-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.9 %		80-120	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %		80-120	P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1740	5.15	mg/kg dry	5	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %		70-130	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		128 %		70-130	P9G0503	07/05/19	07/06/19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

**HA-11 @ (1'-2')
9G01006-26 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.8 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P9G0208	07/02/19	07/03/19	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	107	1.04	mg/kg dry	1	P9G0807	07/08/19	07/09/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0301	07/03/19	07/03/19	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P9G0503	07/05/19	07/06/19	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/05/19	07/06/19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0206 - General Preparation (GC)

Blank (P9G0206-BLK1)

Prepared & Analyzed: 07/02/19

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0679		"	0.0600		113	80-120			
Surrogate: 1,4-Difluorobenzene	0.0593		"	0.0600		98.8	80-120			

LCS (P9G0206-BS1)

Prepared & Analyzed: 07/02/19

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.0901	0.00100	"	0.100		90.1	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		98.9	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.0497		"	0.0600		82.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0482		"	0.0600		80.3	80-120			

LCS Dup (P9G0206-BSD1)

Prepared & Analyzed: 07/02/19

Benzene	0.111	0.00100	mg/L	0.100		111	80-120	5.03	20	
Toluene	0.0971	0.00100	"	0.100		97.1	80-120	7.46	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	3.59	20	
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120	5.28	20	
Xylene (o)	0.118	0.00100	"	0.100		118	80-120	3.70	20	
Surrogate: 4-Bromofluorobenzene	0.0584		"	0.0600		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.0532		"	0.0600		88.7	80-120			

Calibration Blank (P9G0206-CCB1)

Prepared & Analyzed: 07/02/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0545		"	0.0600		90.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0574		"	0.0600		95.6	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0206 - General Preparation (GC)

Calibration Blank (P9G0206-CCB2)

Prepared & Analyzed: 07/02/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0592		"	0.0600		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.0582		"	0.0600		96.9	80-120			

Calibration Check (P9G0206-CCV1)

Prepared & Analyzed: 07/02/19

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0901	0.00100	"	0.100		90.1	80-120			
Ethylbenzene	0.0868	0.00100	"	0.100		86.8	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		92.9	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.0607		"	0.0600		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.0672		"	0.0600		112	80-120			

Calibration Check (P9G0206-CCV2)

Prepared & Analyzed: 07/02/19

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.0951	0.00100	"	0.100		95.1	80-120			
Ethylbenzene	0.0868	0.00100	"	0.100		86.8	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.1	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.0556		"	0.0600		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.0644		"	0.0600		107	80-120			

Calibration Check (P9G0206-CCV3)

Prepared & Analyzed: 07/02/19

Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0890	0.00100	"	0.100		89.0	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.6	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.0555		"	0.0600		92.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.0695		"	0.0600		116	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
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Project Manager: Mark Larson

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Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0206 - General Preparation (GC)

Matrix Spike (P9G0206-MS1)		Source: 9F28010-03		Prepared & Analyzed: 07/02/19						
Benzene	0.0912	0.00100	mg/L	0.100	ND	91.2	80-120			
Toluene	0.0708	0.00100	"	0.100	ND	70.8	80-120			QM-07
Ethylbenzene	0.0601	0.00100	"	0.100	ND	60.1	80-120			QM-07
Xylene (p/m)	0.144	0.00200	"	0.200	ND	72.1	80-120			QM-07
Xylene (o)	0.0840	0.00100	"	0.100	ND	84.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.0574		"	0.0600		95.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.0622		"	0.0600		104	80-120			

Matrix Spike Dup (P9G0206-MSD1)		Source: 9F28010-03		Prepared & Analyzed: 07/02/19						
Benzene	0.103	0.00100	mg/L	0.100	ND	103	80-120	12.1	20	
Toluene	0.0825	0.00100	"	0.100	ND	82.5	80-120	15.3	20	
Ethylbenzene	0.0769	0.00100	"	0.100	ND	76.9	80-120	24.6	20	QM-07, R2
Xylene (p/m)	0.175	0.00200	"	0.200	ND	87.6	80-120	19.5	20	
Xylene (o)	0.103	0.00100	"	0.100	ND	103	80-120	20.8	20	R2
Surrogate: 4-Bromofluorobenzene	0.0624		"	0.0600		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.0701		"	0.0600		117	80-120			

Batch P9G0208 - General Preparation (GC)

Blank (P9G0208-BLK1)		Prepared & Analyzed: 07/02/19								
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0477		"	0.0600		79.5	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0592		"	0.0600		98.6	80-120			

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0208 - General Preparation (GC)

LCS (P9G0208-BS1)

Prepared & Analyzed: 07/02/19

Benzene	0.118	0.00100	mg/L	0.100		118	80-120			
Toluene	0.0959	0.00100	"	0.100		95.9	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.3	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.0513		"	0.0600		85.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0700		"	0.0600		117	80-120			

LCS Dup (P9G0208-BSD1)

Prepared & Analyzed: 07/02/19

Benzene	0.104	0.00100	mg/L	0.100		104	80-120	11.8	20	
Toluene	0.0835	0.00100	"	0.100		83.5	80-120	13.8	20	
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120	9.58	20	
Xylene (p/m)	0.178	0.00200	"	0.200		88.9	80-120	9.04	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	8.88	20	
Surrogate: 4-Bromofluorobenzene	0.0506		"	0.0600		84.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.0577		"	0.0600		96.1	80-120			

Calibration Blank (P9G0208-CCB1)

Prepared & Analyzed: 07/02/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0664		"	0.0600		111	80-120			
Surrogate: 1,4-Difluorobenzene	0.0559		"	0.0600		93.2	80-120			

Calibration Blank (P9G0208-CCB2)

Prepared: 07/02/19 Analyzed: 07/03/19

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0585		"	0.0600		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0607		"	0.0600		101	80-120			

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Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0208 - General Preparation (GC)

Calibration Check (P9G0208-CCV1)

Prepared & Analyzed: 07/02/19

Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0890	0.00100	"	0.100		89.0	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.6	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.0555		"	0.0600		92.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.0695		"	0.0600		116	80-120			

Calibration Check (P9G0208-CCV2)

Prepared: 07/02/19 Analyzed: 07/03/19

Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.0886	0.00100	"	0.100		88.6	80-120			
Ethylbenzene	0.0804	0.00100	"	0.100		80.4	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		90.8	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.0485		"	0.0600		80.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.0661		"	0.0600		110	80-120			

Calibration Check (P9G0208-CCV3)

Prepared: 07/02/19 Analyzed: 07/03/19

Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.0936	0.00100	"	0.100		93.6	80-120			
Ethylbenzene	0.0806	0.00100	"	0.100		80.6	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.3	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.0512		"	0.0600		85.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0563		"	0.0600		93.9	80-120			

Matrix Spike (P9G0208-MS1)

Source: 9G01006-26

Prepared: 07/02/19 Analyzed: 07/03/19

Benzene	0.0893	0.00100	mg/L	0.100	ND	89.3	80-120			
Toluene	0.0852	0.00100	"	0.100	ND	85.2	80-120			
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200	ND	103	80-120			
Xylene (o)	0.0990	0.00100	"	0.100	ND	99.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.0675		"	0.0600		112	80-120			
Surrogate: 1,4-Difluorobenzene	0.0689		"	0.0600		115	80-120			

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Project Manager: Mark Larson

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Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0208 - General Preparation (GC)

Matrix Spike Dup (P9G0208-MSD1)

Source: 9G01006-26

Prepared: 07/02/19 Analyzed: 07/03/19

Benzene	0.107	0.00100	mg/L	0.100	ND	107	80-120	18.0	20	
Toluene	0.0830	0.00100	"	0.100	ND	83.0	80-120	2.58	20	
Ethylbenzene	0.0920	0.00100	"	0.100	ND	92.0	80-120	16.5	20	
Xylene (p/m)	0.164	0.00200	"	0.200	ND	82.0	80-120	22.3	20	R2
Xylene (o)	0.0942	0.00100	"	0.100	ND	94.2	80-120	4.92	20	
Surrogate: 4-Bromofluorobenzene	0.0488		"	0.0600		81.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.0582		"	0.0600		97.0	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9G0301 - *** DEFAULT PREP ***										
Blank (P9G0301-BLK1)	Prepared & Analyzed: 07/03/19									
% Moisture	ND	0.1	%							
Duplicate (P9G0301-DUP1)	Source: 9G01002-26 Prepared & Analyzed: 07/03/19									
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P9G0301-DUP2)	Source: 9G01006-15 Prepared & Analyzed: 07/03/19									
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P9G0301-DUP3)	Source: 9G01010-06 Prepared & Analyzed: 07/03/19									
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P9G0301-DUP4)	Source: 9G02006-02 Prepared & Analyzed: 07/03/19									
% Moisture	5.0	0.1	%		4.0			22.2	20	
Duplicate (P9G0301-DUP5)	Source: 9G02014-08 Prepared & Analyzed: 07/03/19									
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P9G0301-DUP6)	Source: 9G02018-04 Prepared & Analyzed: 07/03/19									
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P9G0301-DUP7)	Source: 9G02021-08 Prepared & Analyzed: 07/03/19									
% Moisture	ND	0.1	%		1.0			200	20	
Batch P9G0806 - *** DEFAULT PREP ***										
Blank (P9G0806-BLK1)	Prepared: 07/08/19 Analyzed: 07/09/19									
Chloride	ND	1.00	mg/kg wet							

Permian Basin Environmental Lab, L.P.

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0806 - * DEFAULT PREP *****

LCS (P9G0806-BS1)

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	187	1.00	mg/kg wet	200	93.3	80-120
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LCS Dup (P9G0806-BSD1)

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	193	1.00	mg/kg wet	200	96.3	80-120	3.14	20
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Calibration Blank (P9G0806-CCB1)

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	0.00		mg/kg wet			
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Calibration Blank (P9G0806-CCB2)

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	0.00		mg/kg wet			
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Calibration Check (P9G0806-CCV1)

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	9.97		mg/kg	10.0	99.7	0-200
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Calibration Check (P9G0806-CCV2)

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	9.52		mg/kg	10.0	95.2	0-200
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Calibration Check (P9G0806-CCV3)

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	10.0		mg/kg	10.0	100	0-200
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Matrix Spike (P9G0806-MS1)

Source: 9G01002-26

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	3530	28.7	mg/kg dry	2870	574	103	80-120
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Matrix Spike (P9G0806-MS2)

Source: 9G01002-36

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	3130	28.7	mg/kg dry	2870	345	96.9	80-120
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Matrix Spike Dup (P9G0806-MSD1)

Source: 9G01002-26

Prepared: 07/08/19 Analyzed: 07/09/19

Chloride	3550	28.7	mg/kg dry	2870	574	104	80-120	0.609	20
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Permian Basin Environmental Lab, L.P.

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9G0806 - *** DEFAULT PREP ***										
Matrix Spike Dup (P9G0806-MSD2)		Source: 9G01002-36			Prepared: 07/08/19		Analyzed: 07/09/19			
Chloride	3310	28.7	mg/kg dry	2870	345	103	80-120	5.78	20	
Batch P9G0807 - *** DEFAULT PREP ***										
Blank (P9G0807-BLK1)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	ND	1.00	mg/kg wet							
LCS (P9G0807-BS1)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	193	1.00	mg/kg wet	200		96.6	80-120			
LCS Dup (P9G0807-BSD1)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	192	1.00	mg/kg wet	200		96.1	80-120	0.555	20	
Calibration Blank (P9G0807-CCB1)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	0.00		mg/kg wet							
Calibration Blank (P9G0807-CCB2)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	0.00		mg/kg wet							
Calibration Check (P9G0807-CCV1)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	10.0		mg/kg	10.0		100	0-200			
Calibration Check (P9G0807-CCV2)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	10.1		mg/kg	10.0		101	0-200			
Calibration Check (P9G0807-CCV3)		Prepared: 07/08/19 Analyzed: 07/09/19								
Chloride	9.69		mg/kg	10.0		96.9	0-200			

Permian Basin Environmental Lab, L.P.

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0807 - * DEFAULT PREP *****

Matrix Spike (P9G0807-MS1)		Source: 9G01006-08		Prepared: 07/08/19 Analyzed: 07/09/19						
Chloride	10100	26.0	mg/kg dry	2600	7720	92.7	80-120			
Matrix Spike (P9G0807-MS2)		Source: 9G01006-18		Prepared: 07/08/19 Analyzed: 07/09/19						
Chloride	520	1.04	mg/kg dry	521	25.4	95.0	80-120			
Matrix Spike Dup (P9G0807-MSD1)		Source: 9G01006-08		Prepared: 07/08/19 Analyzed: 07/09/19						
Chloride	10000	26.0	mg/kg dry	2600	7720	87.7	80-120	1.27	20	
Matrix Spike Dup (P9G0807-MSD2)		Source: 9G01006-18		Prepared: 07/08/19 Analyzed: 07/09/19						
Chloride	571	1.04	mg/kg dry	521	25.4	105	80-120	9.35	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P9G0403 - TX 1005

Blank (P9G0403-BLK1)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	98.3		"	100		98.3	70-130			
Surrogate: o-Terphenyl	52.5		"	50.0		105	70-130			

LCS (P9G0403-BS1)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	847	25.0	mg/kg wet	1000		84.7	75-125			
>C12-C28	895	25.0	"	1000		89.5	75-125			
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	47.9		"	50.0		95.7	70-130			

LCS Dup (P9G0403-BSD1)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	836	25.0	mg/kg wet	1000		83.6	75-125	1.38	20	
>C12-C28	894	25.0	"	1000		89.4	75-125	0.108	20	
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	47.2		"	50.0		94.4	70-130			

Calibration Blank (P9G0403-CCB1)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	9.20		mg/kg wet							
>C12-C28	6.20		"							
Surrogate: 1-Chlorooctane	93.4		"	100		93.4	70-130			
Surrogate: o-Terphenyl	49.4		"	50.0		98.9	70-130			

Calibration Blank (P9G0403-CCB2)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	7.50		mg/kg wet							
>C12-C28	12.9		"							
Surrogate: 1-Chlorooctane	96.8		"	100		96.8	70-130			
Surrogate: o-Terphenyl	52.0		"	50.0		104	70-130			

Permian Basin Environmental Lab, L.P.

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P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0403 - TX 1005

Calibration Check (P9G0403-CCV1)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	537	25.0	mg/kg wet	500		107	85-115			
>C12-C28	426	25.0	"	500		85.3	85-115			
Surrogate: 1-Chlorooctane	97.3		"	100		97.3	70-130			
Surrogate: o-Terphenyl	44.3		"	50.0		88.5	70-130			

Calibration Check (P9G0403-CCV2)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	477	25.0	mg/kg wet	500		95.4	85-115			
>C12-C28	436	25.0	"	500		87.3	85-115			
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	46.5		"	50.0		93.0	70-130			

Calibration Check (P9G0403-CCV3)

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	439	25.0	mg/kg wet	500		87.8	85-115			
>C12-C28	445	25.0	"	500		89.0	85-115			
Surrogate: 1-Chlorooctane	92.4		"	100		92.4	70-130			
Surrogate: o-Terphenyl	42.1		"	50.0		84.2	70-130			

Duplicate (P9G0403-DUP1)

Source: 9G01006-08

Prepared: 07/04/19 Analyzed: 07/06/19

C6-C12	10.9	26.0	mg/kg dry		ND				20	
>C12-C28	ND	26.0	"		ND				20	
Surrogate: 1-Chlorooctane	112		"	104		107	70-130			
Surrogate: o-Terphenyl	58.6		"	52.1		113	70-130			

Batch P9G0503 - TX 1005

Blank (P9G0503-BLK1)

Prepared: 07/05/19 Analyzed: 07/06/19

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	91.6		"	100		91.6	70-130			
Surrogate: o-Terphenyl	48.5		"	50.0		96.9	70-130			

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P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0503 - TX 1005

LCS (P9G0503-BS1)

Prepared: 07/05/19 Analyzed: 07/06/19

C6-C12	842	25.0	mg/kg wet	1000		84.2	75-125			
>C12-C28	826	25.0	"	1000		82.6	75-125			
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	42.7		"	50.0		85.4	70-130			

LCS Dup (P9G0503-BSD1)

Prepared: 07/05/19 Analyzed: 07/06/19

C6-C12	885	25.0	mg/kg wet	1000		88.5	75-125	4.95	20	
>C12-C28	811	25.0	"	1000		81.1	75-125	1.87	20	
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	45.8		"	50.0		91.7	70-130			

Calibration Blank (P9G0503-CCB1)

Prepared: 07/05/19 Analyzed: 07/06/19

C6-C12	10.5		mg/kg wet							
>C12-C28	9.23		"							
Surrogate: 1-Chlorooctane	87.0		"	100		87.0	70-130			
Surrogate: o-Terphenyl	45.4		"	50.0		90.7	70-130			

Calibration Blank (P9G0503-CCB2)

Prepared: 07/05/19 Analyzed: 07/06/19

C6-C12	8.54		mg/kg wet							
>C12-C28	10.0		"							
Surrogate: 1-Chlorooctane	90.2		"	100		90.2	70-130			
Surrogate: o-Terphenyl	48.4		"	50.0		96.8	70-130			

Calibration Check (P9G0503-CCV1)

Prepared: 07/05/19 Analyzed: 07/06/19

C6-C12	439	25.0	mg/kg wet	500		87.8	85-115			
>C12-C28	445	25.0	"	500		89.0	85-115			
Surrogate: 1-Chlorooctane	92.4		"	100		92.4	70-130			
Surrogate: o-Terphenyl	42.1		"	50.0		84.2	70-130			

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G0503 - TX 1005

Calibration Check (P9G0503-CCV2)

Prepared: 07/05/19 Analyzed: 07/06/19

C6-C12	468	25.0	mg/kg wet	500		93.5	85-115			
>C12-C28	509	25.0	"	500		102	85-115			
Surrogate: 1-Chlorooctane	92.5		"	100		92.5	70-130			
Surrogate: o-Terphenyl	42.4		"	50.0		84.8	70-130			

Calibration Check (P9G0503-CCV3)

Prepared: 07/05/19 Analyzed: 07/07/19

C6-C12	431	25.0	mg/kg wet	500		86.1	85-115			
>C12-C28	450	25.0	"	500		90.0	85-115			
Surrogate: 1-Chlorooctane	84.2		"	100		84.2	70-130			
Surrogate: o-Terphenyl	39.2		"	50.0		78.4	70-130			

Duplicate (P9G0503-DUP1)

Source: 9G01007-02

Prepared: 07/05/19 Analyzed: 07/07/19

C6-C12	11.7	27.8	mg/kg dry		11.4			2.21	20	
>C12-C28	ND	27.8	"		ND				20	
Surrogate: 1-Chlorooctane	108		"	111		97.1	70-130			
Surrogate: o-Terphenyl	58.1		"	55.6		105	70-130			

Permian Basin Environmental Lab, L.P.

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Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

R2 The RPD exceeded the acceptance limit.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

7/15/2019

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.

Project: Chevron SD Pad 15

Fax: (432) 687-0456

P.O. Box 50685

Project Number: 19-0154-01

Midland TX, 79710

Project Manager: Mark Larson

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Permian Basin Environmental Lab, L.P.

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507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 7/1/2019 PAGE 1
PO#: _____ LAB WORK ORDER#: 96010
PROJECT LOCATION OR NAME: Cheyron SD Pad 15
LAI PROJECT #: 19-0154-01 COLLECTOR: RO

CHAIN-OF-CUSTODY

Page 45 of 46

Released to Imaging: 8/4/2021 9:27:09 AM

Marson & Associates, Inc.
Environmental Consultants

507 N. Marientfield, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

TRRP report?
☐ Yes ☒ No
TIME ZONE:
Time zone/State:
MST

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE	UNPRESERVED
HA-10 (1-2')	16	6/30/19	13:42	S	1				X	X
HA-7 (0-1')	17		13:47						X	X
HA-7 (1-2')	18		13:49						X	X
HA-8 (0-1')	19		13:53						X	X
HA-8 (1-2')	20		13:55						X	X
HA-9 (0-1')	21		14:01						X	X
HA-9 (1-2')	22		14:03						X	X
HA-10 (0-1')	23		14:06						X	X
HA-10 (1-2')	24		14:09						X	X
HA-11 (0-1')	25		14:13						X	X
HA-11 (1-2')	26		14:16						X	X

ANALYSES
 BTEX ☒ MTBE ☐ TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐
 GASOLINE MOD 8015 ☒
 DIESEL - MOD 8015 ☒
 OIL - MOD 8015 ☒
 VOC 8280 ☐
 SVOC 8270 ☐ PAH 8270 ☐ HOLD PAH ☐
 8081 PESTICIDES ☐ 8151 HERBICIDES ☐
 TBLP - METALS (RORA) ☐ TCLP VOC ☐
 TCLP - PEST ☐ HERB ☐ Semi-VOC ☐
 TOTAL METALS (RCRA) ☐ OTHER LIST ☐
 LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐
 RCI ☐ TOX ☐ FLASHPOINT ☐
 TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐
 PH ☐ HEXAVALENT CHROMIUM ☐
 EXPLOSIVES ☐ PENTACHLORATE ☐
 CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐
3200

FIELD NOTES

DATE: 7/1/2019

PO#:

LAB WORK ORDER#: 9601006

PROJECT LOCATION OR NAME: Chemon SD pad 15

LAI PROJECT #: 19-0154-01

COLLECTOR: RD

PAGE 2 OF 2

Page 46 of 46

CHAIN-OF-CUSTODY

№ 0708

RELINQUISHED BY: (Signature) <i>Paula Owen</i>	DATE/TIME 7-1-19 / 12:12	RECEIVED BY: (Signature) <i>Sydney Biddle</i>	TURN AROUND TIME NORMAL ☒ 1 DAY ☐ 2 DAY ☐ OTHER ☐	LABORATORY USE ONLY: RECEIVING TEMP: 43.2 THERM#: 0541 CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED ☐ CARRIER BILL # ☐ HAND DELIVERED
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)		
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)		
LABORATORY: PBL				

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Chevron SD Pad 15

Project Number: 19-0154-01

Location:

Lab Order Number: 9H23004



NELAP/TCEQ # T104704516-18-9

Report Date: 09/09/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-3 @ 5'	9H23004-01	Soil	08/21/19 12:47	08-23-2019 08:50
HA-3 @ 10'	9H23004-02	Soil	08/21/19 13:04	08-23-2019 08:50
HA-10 @ 5'	9H23004-03	Soil	08/22/19 10:47	08-23-2019 08:50
HA-9 @ 5'	9H23004-04	Soil	08/22/19 11:52	08-23-2019 08:50
HA-8 @ 5'	9H23004-05	Soil	08/22/19 12:15	08-23-2019 08:50
HA-6 @ 5'	9H23004-06	Soil	08/22/19 12:33	08-23-2019 08:50
HA-5 @ 5'	9H23004-07	Soil	08/22/19 13:02	08-23-2019 08:50
HA-5 @ 10'	9H23004-08	Soil	08/22/19 13:10	08-23-2019 08:50
HA-13 @ 5'	9H23004-09	Soil	08/22/19 14:00	08-23-2019 08:50
HA-13 @ 10'	9H23004-10	Soil	08/22/19 14:06	08-23-2019 08:50

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-3 @ 5'
9H23004-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	899	1.06	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0
% Moisture	6.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216

Permian Basin Environmental Lab, L.P.

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Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-3 @ 10'
9H23004-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	50.8	1.08	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0	
% Moisture	7.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-10 @ 5'
9H23004-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	15.4	1.15	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0	
% Moisture	13.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Fax: (432) 687-0456

HA-9 @ 5'
9H23004-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.63	1.10	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0	
% Moisture	9.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Project Manager: Mark Larson

Fax: (432) 687-0456

HA-8 @ 5'
9H23004-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	11.8	1.15	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0
% Moisture	13.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216

Permian Basin Environmental Lab, L.P.

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Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-6 @ 5'
9H23004-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	10.3	1.12	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0
% Moisture	11.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-5 @ 5'
9H23004-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.86	1.09	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0	
% Moisture	8.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-5 @ 10'
9H23004-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.54	1.11	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0
% Moisture	10.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-13 @ 5'
9H23004-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2.36	1.01	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0
% Moisture	1.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-13 @ 10'
9H23004-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2.76	1.03	mg/kg dry	1	P9I0508	09/05/19	09/06/19	EPA 300.0
% Moisture	3.0	0.1	%	1	P9H2602	08/26/19	08/26/19	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9H2602 - *** DEFAULT PREP ***										
Blank (P9H2602-BLK1)				Prepared & Analyzed: 08/26/19						
% Moisture	ND	0.1	%							
Duplicate (P9H2602-DUP1)				Source: 9H23005-01 Prepared & Analyzed: 08/26/19						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P9H2602-DUP2)				Source: 9H23008-14 Prepared & Analyzed: 08/26/19						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P9H2602-DUP3)				Source: 9H23021-03 Prepared & Analyzed: 08/26/19						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P9H2602-DUP4)				Source: 9H23024-07 Prepared & Analyzed: 08/26/19						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P9H2602-DUP5)				Source: 9H23026-04 Prepared & Analyzed: 08/26/19						
% Moisture	9.0	0.1	%		8.0			11.8	20	
Duplicate (P9H2602-DUP6)				Source: 9H23029-03 Prepared & Analyzed: 08/26/19						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Batch P9I0508 - *** DEFAULT PREP ***										
Blank (P9I0508-BLK1)				Prepared: 09/05/19 Analyzed: 09/06/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9I0508-BS1)				Prepared: 09/05/19 Analyzed: 09/06/19						
Chloride	413	1.00	mg/kg wet	400		103	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9I0508 - * DEFAULT PREP *******LCS Dup (P9I0508-BSD1)**

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	418	1.00	mg/kg wet	400		105	80-120	1.23	20	
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Calibration Blank (P9I0508-CCB1)

Prepared & Analyzed: 09/05/19

Chloride	0.00		mg/kg wet							
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Calibration Blank (P9I0508-CCB2)

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	0.0640		mg/kg wet							
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Calibration Check (P9I0508-CCV1)

Prepared & Analyzed: 09/05/19

Chloride	20.6		mg/kg	20.0		103	0-200			
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Calibration Check (P9I0508-CCV2)

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	20.6		mg/kg	20.0		103	0-200			
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Calibration Check (P9I0508-CCV3)

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	19.9		mg/kg	20.0		99.5	0-200			
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Matrix Spike (P9I0508-MS1)**Source: 9H23005-01**

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	7020	25.3	mg/kg dry	2530	4570	96.9	80-120			
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Matrix Spike (P9I0508-MS2)**Source: 9H23008-01**

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	14800	51.5	mg/kg dry	5150	9260	107	80-120			
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Matrix Spike Dup (P9I0508-MSD1)**Source: 9H23005-01**

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	6650	25.3	mg/kg dry	2530	4570	82.3	80-120	5.37	20	
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Matrix Spike Dup (P9I0508-MSD2)**Source: 9H23008-01**

Prepared: 09/05/19 Analyzed: 09/06/19

Chloride	14900	51.5	mg/kg dry	5150	9260	109	80-120	0.473	20	
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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Chevron SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

ROI Received on Ice
BULK Samples received in Bulk soil containers
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By: 

Date: 9/9/2019

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

507 N. Mariefeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 8/23/2019 PAGE 1 OF 1
PO#: _____ LAB WORK ORDER#: 4428004
PROJECT LOCATION OR NAME: Cheyon Sp Pad 15
LAI PROJECT #: 19-0154-01 COLLECTOR: R5/RN1

CHAIN-OF-CUSTODY

22720

Page 16 of 16

Released to Imaging: 8/4/2021 9:27:09 AM

Certificate of Analysis Summary 691114



Larson and Associates, Inc., Midland, TX

Project Name: SD PAD 15

Project Id: 19-0154-01

Date Received in Lab: Wed 03.10.2021 08:21

Contact: Mark Larson

Report Date: 03.18.2021 17:46

Project Location:

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	691114-001	691114-002	691114-003	691114-004	691114-005	691114-006
	<i>Field Id:</i>	C-1	C-2	C-3	C-4	C-5	C-6
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.08.2021 11:42	03.08.2021 11:43	03.08.2021 11:46	03.08.2021 11:53	03.08.2021 11:57	03.08.2021 11:58
BTEX by EPA 8021B	<i>Extracted:</i>	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45
	<i>Analyzed:</i>	03.17.2021 12:44	03.17.2021 13:09	03.17.2021 13:35	03.17.2021 15:16	03.17.2021 15:43	03.17.2021 16:09
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202
Toluene		<0.00199 0.00199	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202
Ethylbenzene		<0.00199 0.00199	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202
m,p-Xylenes		<0.00398 0.00398	<0.00403 0.00403	<0.00398 0.00398	<0.00400 0.00400	<0.00403 0.00403	<0.00404 0.00404
o-Xylene		<0.00199 0.00199	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202
Total Xylenes		<0.00199 0.00199	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202
Total BTEX		<0.00199 0.00199	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00202 0.00202
Chloride by EPA 300	<i>Extracted:</i>	03.12.2021 16:00	03.12.2021 16:00	03.12.2021 16:00	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45
	<i>Analyzed:</i>	03.12.2021 19:45	03.12.2021 19:50	03.12.2021 20:40	03.12.2021 18:59	03.12.2021 19:14	03.12.2021 19:19
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		22.3 5.04	96.1 24.8	22.0 4.95	12.9 5.04	23.3 4.96	40.8 4.99
TPH by SW8015 Mod	<i>Extracted:</i>	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00
	<i>Analyzed:</i>	03.13.2021 23:02	03.14.2021 00:04	03.14.2021 00:25	03.14.2021 00:45	03.14.2021 01:06	03.14.2021 01:27
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 691114



Larson and Associates, Inc., Midland, TX

Project Name: SD PAD 15

Project Id: 19-0154-01

Date Received in Lab: Wed 03.10.2021 08:21

Contact: Mark Larson

Report Date: 03.18.2021 17:46

Project Location:

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	691114-007	691114-008	691114-009	691114-010	691114-011	691114-012
	<i>Field Id:</i>	C-7	C-8	C-9	C-10	C-11	C-12
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.08.2021 12:00	03.08.2021 12:01	03.08.2021 12:04	03.08.2021 12:15	03.08.2021 12:18	03.08.2021 12:17
BTEX by EPA 8021B	<i>Extracted:</i>	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45	03.16.2021 16:45
	<i>Analyzed:</i>	03.17.2021 16:34	03.17.2021 17:00	03.17.2021 17:25	03.17.2021 17:50	03.17.2021 18:16	03.17.2021 18:41
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	0.00604 0.00200
Toluene		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	0.00331 0.00200
Ethylbenzene		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
m,p-Xylenes		<0.00397 0.00397	<0.00398 0.00398	<0.00399 0.00399	<0.00399 0.00399	<0.00402 0.00402	<0.00401 0.00401
o-Xylene		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	0.00379 0.00200
Total Xylenes		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	0.00379 0.00200
Total BTEX		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	0.0131 0.00200
Chloride by EPA 300	<i>Extracted:</i>	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45
	<i>Analyzed:</i>	03.12.2021 19:24	03.12.2021 19:29	03.12.2021 19:44	03.12.2021 19:49	03.12.2021 19:54	03.12.2021 19:59
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		11.4 4.97	21.1 5.02	10.4 5.02	253 4.96	11.3 5.00	5.05 5.04
TPH by SW8015 Mod	<i>Extracted:</i>	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00
	<i>Analyzed:</i>	03.14.2021 01:48	03.14.2021 03:08	03.14.2021 03:29	03.14.2021 03:50	03.14.2021 04:32	03.14.2021 04:53
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0
Diesel Range Organics (DRO)		<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0
Total TPH		<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 691114



Larson and Associates, Inc., Midland, TX

Project Name: SD PAD 15

Project Id: 19-0154-01

Date Received in Lab: Wed 03.10.2021 08:21

Contact: Mark Larson

Report Date: 03.18.2021 17:46

Project Location:

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	691114-013	691114-014	691114-015	691114-016	691114-017	691114-018
	<i>Field Id:</i>	C-13	C-14	C-15	C-16	C-17	C-18
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.08.2021 12:20	03.08.2021 12:21	03.08.2021 12:25	03.08.2021 12:26	03.08.2021 12:23	03.08.2021 12:20
BTEX by EPA 8021B	<i>Extracted:</i>	03.16.2021 16:45	03.17.2021 08:00	03.17.2021 08:00	03.17.2021 08:00	03.17.2021 08:00	03.17.2021 08:00
	<i>Analyzed:</i>	03.17.2021 19:06	03.17.2021 23:20	03.17.2021 23:45	03.18.2021 00:11	03.18.2021 00:37	03.18.2021 01:03
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Toluene		<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Ethylbenzene		<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
m,p-Xylenes		<0.00398 0.00398	<0.00398 0.00398	<0.00398 0.00398	<0.00399 0.00399	<0.00399 0.00399	<0.00397 0.00397
o-Xylene		<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Total Xylenes		<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Total BTEX		<0.00199 0.00199	<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Chloride by EPA 300	<i>Extracted:</i>	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45	03.12.2021 16:45
	<i>Analyzed:</i>	03.12.2021 20:04	03.12.2021 20:09	03.12.2021 20:24	03.12.2021 20:29	03.12.2021 20:44	03.12.2021 20:49
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		9.81 5.05	149 5.00	71.0 4.98	49.2 4.97	32.0 4.95	27.4 5.02
TPH by SW8015 Mod	<i>Extracted:</i>	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00	03.13.2021 10:00
	<i>Analyzed:</i>	03.14.2021 05:14	03.14.2021 05:35	03.14.2021 05:56	03.14.2021 06:17	03.14.2021 06:38	03.14.2021 06:59
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<50.0 50.0
Total TPH		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Analytical Report 691114

for

Larson and Associates, Inc.

Project Manager: Mark Larson

SD PAD 15

19-0154-01

03.18.2021

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-24)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-20-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



03.18.2021

Project Manager: **Mark Larson**

Larson and Associates, Inc.

P. O. Box 50685

Midland, TX 79710

Reference: Eurofins Xenco, LLC Report No(s): **691114**

SD PAD 15

Project Address:

Mark Larson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 691114. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 691114 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink that reads "Holly Taylor".

Holly Taylor
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

**Sample Cross Reference 691114****Larson and Associates, Inc., Midland, TX**

SD PAD 15

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
C-1	S	03.08.2021 11:42		691114-001
C-2	S	03.08.2021 11:43		691114-002
C-3	S	03.08.2021 11:46		691114-003
C-4	S	03.08.2021 11:53		691114-004
C-5	S	03.08.2021 11:57		691114-005
C-6	S	03.08.2021 11:58		691114-006
C-7	S	03.08.2021 12:00		691114-007
C-8	S	03.08.2021 12:01		691114-008
C-9	S	03.08.2021 12:04		691114-009
C-10	S	03.08.2021 12:15		691114-010
C-11	S	03.08.2021 12:18		691114-011
C-12	S	03.08.2021 12:17		691114-012
C-13	S	03.08.2021 12:20		691114-013
C-14	S	03.08.2021 12:21		691114-014
C-15	S	03.08.2021 12:25		691114-015
C-16	S	03.08.2021 12:26		691114-016
C-17	S	03.08.2021 12:23		691114-017
C-18	S	03.08.2021 12:20		691114-018



CASE NARRATIVE

Client Name: Larson and Associates, Inc.

Project Name: SD PAD 15

Project ID: 19-0154-01
Work Order Number(s): 691114

Report Date: 03.18.2021
Date Received: 03.10.2021

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-1
Lab Sample Id: 691114-001

Matrix: Soil
Date Collected: 03.08.2021 11:42

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.3	5.04	mg/kg	03.12.2021 19:45		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.13.2021 23:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.13.2021 23:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.13.2021 23:02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.13.2021 23:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	03.13.2021 23:02	
o-Terphenyl	84-15-1	84	%	70-130	03.13.2021 23:02	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-1**
Lab Sample Id: 691114-001

Matrix: Soil
Date Collected: 03.08.2021 11:42

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.17.2021 12:44	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.17.2021 12:44	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.17.2021 12:44	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.17.2021 12:44	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.17.2021 12:44	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.17.2021 12:44	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.17.2021 12:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	03.17.2021 12:44	
1,4-Difluorobenzene	540-36-3	121	%	70-130	03.17.2021 12:44	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-2
Lab Sample Id: 691114-002

Matrix: Soil
Date Collected: 03.08.2021 11:43

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	96.1	24.8	mg/kg	03.12.2021 19:50		5

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 00:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 00:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 00:04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 00:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	03.14.2021 00:04	
o-Terphenyl	84-15-1	85	%	70-130	03.14.2021 00:04	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-2
Lab Sample Id: 691114-002

Matrix: Soil
Date Collected: 03.08.2021 11:43

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.17.2021 13:09	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.17.2021 13:09	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.17.2021 13:09	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.17.2021 13:09	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.17.2021 13:09	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.17.2021 13:09	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.17.2021 13:09	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	115	%	70-130	03.17.2021 13:09		
1,4-Difluorobenzene	540-36-3	129	%	70-130	03.17.2021 13:09		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-3
Lab Sample Id: 691114-003

Matrix: Soil
Date Collected: 03.08.2021 11:46

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.0	4.95	mg/kg	03.12.2021 20:40		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 00:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 00:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 00:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 00:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	03.14.2021 00:25	
o-Terphenyl	84-15-1	80	%	70-130	03.14.2021 00:25	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-3**
Lab Sample Id: 691114-003

Matrix: Soil
Date Collected: 03.08.2021 11:46

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.17.2021 13:35	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.17.2021 13:35	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.17.2021 13:35	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.17.2021 13:35	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.17.2021 13:35	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.17.2021 13:35	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.17.2021 13:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	03.17.2021 13:35	
1,4-Difluorobenzene	540-36-3	121	%	70-130	03.17.2021 13:35	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-4
Lab Sample Id: 691114-004

Matrix: Soil
Date Collected: 03.08.2021 11:53

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.9	5.04	mg/kg	03.12.2021 18:59		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.14.2021 00:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.14.2021 00:45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.14.2021 00:45	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.14.2021 00:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	102	%	70-130	03.14.2021 00:45		
o-Terphenyl	84-15-1	87	%	70-130	03.14.2021 00:45		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-4**
Lab Sample Id: 691114-004

Matrix: Soil
Date Collected: 03.08.2021 11:53

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.17.2021 15:16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.17.2021 15:16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.17.2021 15:16	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	03.17.2021 15:16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.17.2021 15:16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.17.2021 15:16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.17.2021 15:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	100	%	70-130	03.17.2021 15:16		
1,4-Difluorobenzene	540-36-3	107	%	70-130	03.17.2021 15:16		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-5
Lab Sample Id: 691114-005

Matrix: Soil
Date Collected: 03.08.2021 11:57

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	23.3	4.96	mg/kg	03.12.2021 19:14		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 01:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 01:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 01:06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 01:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	03.14.2021 01:06	
o-Terphenyl	84-15-1	86	%	70-130	03.14.2021 01:06	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-5
Lab Sample Id: 691114-005

Matrix: Soil
Date Collected: 03.08.2021 11:57

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.17.2021 15:43	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.17.2021 15:43	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.17.2021 15:43	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.17.2021 15:43	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.17.2021 15:43	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.17.2021 15:43	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.17.2021 15:43	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	94	%	70-130	03.17.2021 15:43		
4-Bromofluorobenzene	460-00-4	79	%	70-130	03.17.2021 15:43		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-6
Lab Sample Id: 691114-006

Matrix: Soil
Date Collected: 03.08.2021 11:58

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	40.8	4.99	mg/kg	03.12.2021 19:19		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 01:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 01:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 01:27	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 01:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	03.14.2021 01:27	
o-Terphenyl	84-15-1	88	%	70-130	03.14.2021 01:27	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-6**
Lab Sample Id: 691114-006

Matrix: Soil
Date Collected: 03.08.2021 11:58

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.17.2021 16:09	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.17.2021 16:09	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.17.2021 16:09	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	03.17.2021 16:09	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.17.2021 16:09	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.17.2021 16:09	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.17.2021 16:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	03.17.2021 16:09	
1,4-Difluorobenzene	540-36-3	106	%	70-130	03.17.2021 16:09	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-7
Lab Sample Id: 691114-007

Matrix: Soil
Date Collected: 03.08.2021 12:00

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.4	4.97	mg/kg	03.12.2021 19:24		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.14.2021 01:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.14.2021 01:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.14.2021 01:48	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.14.2021 01:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	99	%	70-130	03.14.2021 01:48		
o-Terphenyl	84-15-1	84	%	70-130	03.14.2021 01:48		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-7
Lab Sample Id: 691114-007

Matrix: Soil
Date Collected: 03.08.2021 12:00

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.17.2021 16:34	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.17.2021 16:34	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.17.2021 16:34	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	03.17.2021 16:34	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.17.2021 16:34	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.17.2021 16:34	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.17.2021 16:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	93	%	70-130	03.17.2021 16:34	
1,4-Difluorobenzene	540-36-3	112	%	70-130	03.17.2021 16:34	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-8**
 Lab Sample Id: 691114-008

Matrix: Soil
 Date Collected: 03.08.2021 12:01

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	21.1	5.02	mg/kg	03.12.2021 19:29		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.14.2021 03:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.14.2021 03:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.14.2021 03:08	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.14.2021 03:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	03.14.2021 03:08	
o-Terphenyl	84-15-1	86	%	70-130	03.14.2021 03:08	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-8**
Lab Sample Id: 691114-008

Matrix: Soil
Date Collected: 03.08.2021 12:01

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.17.2021 17:00	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.17.2021 17:00	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.17.2021 17:00	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.17.2021 17:00	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.17.2021 17:00	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.17.2021 17:00	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.17.2021 17:00	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	03.17.2021 17:00		
1,4-Difluorobenzene	540-36-3	118	%	70-130	03.17.2021 17:00		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-9**
 Lab Sample Id: 691114-009

Matrix: Soil
 Date Collected: 03.08.2021 12:04

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.4	5.02	mg/kg	03.12.2021 19:44		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 03:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 03:29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 03:29	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 03:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	03.14.2021 03:29	
o-Terphenyl	84-15-1	84	%	70-130	03.14.2021 03:29	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-9**
Lab Sample Id: 691114-009

Matrix: Soil
Date Collected: 03.08.2021 12:04

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.17.2021 17:25	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.17.2021 17:25	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.17.2021 17:25	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.17.2021 17:25	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.17.2021 17:25	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.17.2021 17:25	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.17.2021 17:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	120	%	70-130	03.17.2021 17:25		
4-Bromofluorobenzene	460-00-4	106	%	70-130	03.17.2021 17:25		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-10**
Lab Sample Id: 691114-010

Matrix: Soil
Date Collected: 03.08.2021 12:15

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	253	4.96	mg/kg	03.12.2021 19:49		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 03:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 03:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 03:50	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 03:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	03.14.2021 03:50	
o-Terphenyl	84-15-1	78	%	70-130	03.14.2021 03:50	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-10**
 Lab Sample Id: 691114-010

Matrix: Soil
 Date Collected: 03.08.2021 12:15

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.17.2021 17:50	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.17.2021 17:50	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.17.2021 17:50	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.17.2021 17:50	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.17.2021 17:50	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.17.2021 17:50	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.17.2021 17:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	118	%	70-130	03.17.2021 17:50		
4-Bromofluorobenzene	460-00-4	102	%	70-130	03.17.2021 17:50		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-11**
 Lab Sample Id: 691114-011

Matrix: Soil
 Date Collected: 03.08.2021 12:18

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.3	5.00	mg/kg	03.12.2021 19:54		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.14.2021 04:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.14.2021 04:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.14.2021 04:32	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.14.2021 04:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	03.14.2021 04:32	
o-Terphenyl	84-15-1	86	%	70-130	03.14.2021 04:32	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-11**
Lab Sample Id: 691114-011

Matrix: Soil
Date Collected: 03.08.2021 12:18

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.17.2021 18:16	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.17.2021 18:16	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.17.2021 18:16	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.17.2021 18:16	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.17.2021 18:16	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.17.2021 18:16	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.17.2021 18:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	84	%	70-130	03.17.2021 18:16	
1,4-Difluorobenzene	540-36-3	95	%	70-130	03.17.2021 18:16	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-12
Lab Sample Id: 691114-012

Matrix: Soil
Date Collected: 03.08.2021 12:17

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	5.05	5.04	mg/kg	03.12.2021 19:59		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 04:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 04:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 04:53	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 04:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	03.14.2021 04:53	
o-Terphenyl	84-15-1	82	%	70-130	03.14.2021 04:53	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-12**
Lab Sample Id: 691114-012

Matrix: Soil
Date Collected: 03.08.2021 12:17

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00604	0.00200	mg/kg	03.17.2021 18:41		1
Toluene	108-88-3	0.00331	0.00200	mg/kg	03.17.2021 18:41		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.17.2021 18:41	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.17.2021 18:41	U	1
o-Xylene	95-47-6	0.00379	0.00200	mg/kg	03.17.2021 18:41		1
Total Xylenes	1330-20-7	0.00379	0.00200	mg/kg	03.17.2021 18:41		1
Total BTEX		0.0131	0.00200	mg/kg	03.17.2021 18:41		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	114	%	70-130	03.17.2021 18:41		
4-Bromofluorobenzene	460-00-4	98	%	70-130	03.17.2021 18:41		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-13**
 Lab Sample Id: 691114-013

Matrix: Soil
 Date Collected: 03.08.2021 12:20

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.81	5.05	mg/kg	03.12.2021 20:04		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.14.2021 05:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.14.2021 05:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.14.2021 05:14	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.14.2021 05:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	98	%	70-130	03.14.2021 05:14		
o-Terphenyl	84-15-1	83	%	70-130	03.14.2021 05:14		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-13**
Lab Sample Id: 691114-013

Matrix: Soil
Date Collected: 03.08.2021 12:20

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.16.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3154070

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.17.2021 19:06	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.17.2021 19:06	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.17.2021 19:06	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.17.2021 19:06	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.17.2021 19:06	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.17.2021 19:06	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.17.2021 19:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	83	%	70-130	03.17.2021 19:06	
1,4-Difluorobenzene	540-36-3	108	%	70-130	03.17.2021 19:06	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-14**
Lab Sample Id: 691114-014

Matrix: Soil
Date Collected: 03.08.2021 12:21

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	149	5.00	mg/kg	03.12.2021 20:09		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.14.2021 05:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.14.2021 05:35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.14.2021 05:35	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.14.2021 05:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	03.14.2021 05:35	
o-Terphenyl	84-15-1	80	%	70-130	03.14.2021 05:35	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-14**
Lab Sample Id: 691114-014

Matrix: Soil
Date Collected: 03.08.2021 12:21

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.17.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154067

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.17.2021 23:20	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.17.2021 23:20	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.17.2021 23:20	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.17.2021 23:20	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.17.2021 23:20	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.17.2021 23:20	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.17.2021 23:20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	03.17.2021 23:20		
4-Bromofluorobenzene	460-00-4	95	%	70-130	03.17.2021 23:20		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-15
Lab Sample Id: 691114-015

Matrix: Soil
Date Collected: 03.08.2021 12:25

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	71.0	4.98	mg/kg	03.12.2021 20:24		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.14.2021 05:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.14.2021 05:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.14.2021 05:56	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.14.2021 05:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	03.14.2021 05:56		
o-Terphenyl	84-15-1	80	%	70-130	03.14.2021 05:56		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-15**
Lab Sample Id: 691114-015

Matrix: Soil
Date Collected: 03.08.2021 12:25

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.17.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154067

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.17.2021 23:45	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.17.2021 23:45	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.17.2021 23:45	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.17.2021 23:45	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.17.2021 23:45	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.17.2021 23:45	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.17.2021 23:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	72	%	70-130	03.17.2021 23:45	
1,4-Difluorobenzene	540-36-3	107	%	70-130	03.17.2021 23:45	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-16**
Lab Sample Id: 691114-016

Matrix: Soil
Date Collected: 03.08.2021 12:26

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	49.2	4.97	mg/kg	03.12.2021 20:29		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 06:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 06:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 06:17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 06:17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	93	%	70-130	03.14.2021 06:17		
o-Terphenyl	84-15-1	79	%	70-130	03.14.2021 06:17		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-16**
Lab Sample Id: 691114-016

Matrix: Soil
Date Collected: 03.08.2021 12:26

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.17.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154067

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.18.2021 00:11	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.18.2021 00:11	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.18.2021 00:11	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.18.2021 00:11	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.18.2021 00:11	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.18.2021 00:11	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.18.2021 00:11	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	108	%	70-130	03.18.2021 00:11		
4-Bromofluorobenzene	460-00-4	91	%	70-130	03.18.2021 00:11		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: C-17
Lab Sample Id: 691114-017

Matrix: Soil
Date Collected: 03.08.2021 12:23

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	32.0	4.95	mg/kg	03.12.2021 20:44		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 06:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 06:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 06:38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 06:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	03.14.2021 06:38	
o-Terphenyl	84-15-1	79	%	70-130	03.14.2021 06:38	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-17**
Lab Sample Id: 691114-017

Matrix: Soil
Date Collected: 03.08.2021 12:23

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.17.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154067

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.18.2021 00:37	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.18.2021 00:37	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.18.2021 00:37	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.18.2021 00:37	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.18.2021 00:37	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.18.2021 00:37	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.18.2021 00:37	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	114	%	70-130	03.18.2021 00:37		
4-Bromofluorobenzene	460-00-4	99	%	70-130	03.18.2021 00:37		



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-18**
 Lab Sample Id: 691114-018

Matrix: Soil
 Date Collected: 03.08.2021 12:20

Date Received: 03.10.2021 08:21

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.12.2021 16:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3153625

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	27.4	5.02	mg/kg	03.12.2021 20:49		1

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.13.2021 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3153694

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.14.2021 06:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.14.2021 06:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.14.2021 06:59	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.14.2021 06:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	03.14.2021 06:59	
o-Terphenyl	84-15-1	79	%	70-130	03.14.2021 06:59	



Certificate of Analytical Results 691114

Larson and Associates, Inc., Midland, TX

SD PAD 15

Sample Id: **C-18**
Lab Sample Id: 691114-018

Matrix: Soil
Date Collected: 03.08.2021 12:20

Date Received: 03.10.2021 08:21

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.17.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154067

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.18.2021 01:03	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.18.2021 01:03	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.18.2021 01:03	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	03.18.2021 01:03	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.18.2021 01:03	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.18.2021 01:03	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.18.2021 01:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	94	%	70-130	03.18.2021 01:03		
1,4-Difluorobenzene	540-36-3	109	%	70-130	03.18.2021 01:03		

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Larson and Associates, Inc.

SD PAD 15

Analytical Method: Chloride by EPA 300

Seq Number: 3153623

MB Sample Id: 7723214-1-BLK

Matrix: Solid

LCS Sample Id: 7723214-1-BKS

Prep Method: E300P

Date Prep: 03.12.2021

LCSD Sample Id: 7723214-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	250	100	250	100	90-110	0	20	mg/kg	03.12.2021 18:00	

Analytical Method: Chloride by EPA 300

Seq Number: 3153625

MB Sample Id: 7723297-1-BLK

Matrix: Solid

LCS Sample Id: 7723297-1-BKS

Prep Method: E300P

Date Prep: 03.12.2021

LCSD Sample Id: 7723297-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	246	98	245	98	90-110	0	20	mg/kg	03.12.2021 18:49	

Analytical Method: Chloride by EPA 300

Seq Number: 3153623

Parent Sample Id: 691113-003

Matrix: Soil

MS Sample Id: 691113-003 S

Prep Method: E300P

Date Prep: 03.12.2021

MSD Sample Id: 691113-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	179	250	434	102	433	102	90-110	0	20	mg/kg	03.12.2021 18:17	

Analytical Method: Chloride by EPA 300

Seq Number: 3153623

Parent Sample Id: 691113-013

Matrix: Soil

MS Sample Id: 691113-013 S

Prep Method: E300P

Date Prep: 03.12.2021

MSD Sample Id: 691113-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	56.1	249	314	104	314	104	90-110	0	20	mg/kg	03.12.2021 19:34	

Analytical Method: Chloride by EPA 300

Seq Number: 3153625

Parent Sample Id: 691114-004

Matrix: Soil

MS Sample Id: 691114-004 S

Prep Method: E300P

Date Prep: 03.12.2021

MSD Sample Id: 691114-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	12.9	252	284	108	284	108	90-110	0	20	mg/kg	03.12.2021 19:04	

Analytical Method: Chloride by EPA 300

Seq Number: 3153625

Parent Sample Id: 691114-014

Matrix: Soil

MS Sample Id: 691114-014 S

Prep Method: E300P

Date Prep: 03.12.2021

MSD Sample Id: 691114-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	149	250	408	104	408	104	90-110	0	20	mg/kg	03.12.2021 20:14	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Larson and Associates, Inc.

SD PAD 15

Analytical Method: TPH by SW8015 Mod

Seq Number: 3153694

Matrix: Solid

Prep Method: SW8015P

Date Prep: 03.13.2021

MB Sample Id: 7723334-1-BLK

LCS Sample Id: 7723334-1-BKS

LCSD Sample Id: 7723334-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1090	109	1040	104	70-130	5	20	mg/kg	03.13.2021 22:20	
Diesel Range Organics (DRO)	<50.0	1000	1020	102	977	98	70-130	4	20	mg/kg	03.13.2021 22:20	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	97		126		119		70-130	%	03.13.2021 22:20
o-Terphenyl	85		97		93		70-130	%	03.13.2021 22:20

Analytical Method: TPH by SW8015 Mod

Seq Number: 3153694

Matrix: Solid

Prep Method: SW8015P

Date Prep: 03.13.2021

MB Sample Id: 7723334-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	03.13.2021 21:59	

Analytical Method: TPH by SW8015 Mod

Seq Number: 3153694

Matrix: Soil

Prep Method: SW8015P

Date Prep: 03.13.2021

Parent Sample Id: 691114-001

MS Sample Id: 691114-001 S

MSD Sample Id: 691114-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	953	95	952	95	70-130	0	20	mg/kg	03.13.2021 23:23	
Diesel Range Organics (DRO)	<49.9	998	896	90	904	91	70-130	1	20	mg/kg	03.13.2021 23:23	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	111		108		70-130	%	03.13.2021 23:23
o-Terphenyl	83		84		70-130	%	03.13.2021 23:23

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154070

Matrix: Solid

Prep Method: SW5035A

Date Prep: 03.16.2021

MB Sample Id: 7723460-1-BLK

LCS Sample Id: 7723460-1-BKS

LCSD Sample Id: 7723460-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0910	91	0.0983	98	70-130	8	35	mg/kg	03.17.2021 06:45	
Toluene	<0.00200	0.100	0.0909	91	0.0964	96	70-130	6	35	mg/kg	03.17.2021 06:45	
Ethylbenzene	<0.00200	0.100	0.0895	90	0.0939	94	70-130	5	35	mg/kg	03.17.2021 06:45	
m,p-Xylenes	<0.00400	0.200	0.183	92	0.192	96	70-130	5	35	mg/kg	03.17.2021 06:45	
o-Xylene	<0.00200	0.100	0.0921	92	0.0962	96	70-130	4	35	mg/kg	03.17.2021 06:45	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	94		107		105		70-130	%	03.17.2021 06:45
4-Bromofluorobenzene	70		87		86		70-130	%	03.17.2021 06:45

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Larson and Associates, Inc.

SD PAD 15

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154067

Matrix: Solid

Prep Method: SW5035A

Date Prep: 03.17.2021

MB Sample Id: 7723610-1-BLK

LCS Sample Id: 7723610-1-BKS

LCSD Sample Id: 7723610-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.107	107	0.112	112	70-130	5	35	mg/kg	03.17.2021 20:23	
Toluene	<0.00200	0.100	0.0993	99	0.104	104	70-130	5	35	mg/kg	03.17.2021 20:23	
Ethylbenzene	<0.00200	0.100	0.0997	100	0.104	104	70-130	4	35	mg/kg	03.17.2021 20:23	
m,p-Xylenes	<0.00400	0.200	0.203	102	0.213	107	70-130	5	35	mg/kg	03.17.2021 20:23	
o-Xylene	<0.00200	0.100	0.100	100	0.108	108	70-130	8	35	mg/kg	03.17.2021 20:23	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		118		127		70-130	%	03.17.2021 20:23
4-Bromofluorobenzene	72		85		99		70-130	%	03.17.2021 20:23

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154070

Matrix: Soil

Prep Method: SW5035A

Date Prep: 03.16.2021

Parent Sample Id: 691113-007

MS Sample Id: 691113-007 S

MSD Sample Id: 691113-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0863	87	0.0832	83	70-130	4	35	mg/kg	03.17.2021 07:38	
Toluene	<0.00199	0.0994	0.0835	84	0.0792	79	70-130	5	35	mg/kg	03.17.2021 07:38	
Ethylbenzene	<0.00199	0.0994	0.0802	81	0.0746	75	70-130	7	35	mg/kg	03.17.2021 07:38	
m,p-Xylenes	<0.00398	0.199	0.163	82	0.152	76	70-130	7	35	mg/kg	03.17.2021 07:38	
o-Xylene	<0.00199	0.0994	0.0804	81	0.0744	75	70-130	8	35	mg/kg	03.17.2021 07:38	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	107		103		70-130	%	03.17.2021 07:38
4-Bromofluorobenzene	95		87		70-130	%	03.17.2021 07:38

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154067

Matrix: Soil

Prep Method: SW5035A

Date Prep: 03.17.2021

Parent Sample Id: 691114-014

MS Sample Id: 691114-014 S

MSD Sample Id: 691114-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0908	91	0.0914	91	70-130	1	35	mg/kg	03.17.2021 21:13	
Toluene	<0.00200	0.100	0.0858	86	0.0845	85	70-130	2	35	mg/kg	03.17.2021 21:13	
Ethylbenzene	<0.00200	0.100	0.0854	85	0.0857	86	70-130	0	35	mg/kg	03.17.2021 21:13	
m,p-Xylenes	<0.00400	0.200	0.174	87	0.175	88	70-130	1	35	mg/kg	03.17.2021 21:13	
o-Xylene	<0.00200	0.100	0.0873	87	0.0872	87	70-130	0	35	mg/kg	03.17.2021 21:13	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	122		124		70-130	%	03.17.2021 21:13
4-Bromofluorobenzene	95		91		70-130	%	03.17.2021 21:13

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 3/9/2021 PAGE 1 OF 2
PO#: _____ LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: SB PAD 15
LAI PROJECT #: 19-0154-01 COLLECTOR: ASG/MJB

691114 CHAIN-OF-CUSTODY

№ 1502

Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Larson and Associates, Inc.

Date/ Time Received: 03.10.2021 08.21.00 AM

Work Order #: 691114

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3.1
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by:



Brianna Teel

Date: 03.10.2021

Checklist reviewed by:



Holly Taylor

Date: 03.15.2021

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: SD Pad 15
Project Number: 19-0154-01
Location: NM
Lab Order Number: 1C15002



NELAP/TCEQ # T104704516-17-8

Report Date: 03/25/21

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-19	1C15002-01	Soil	03/09/21 12:28	03-15-2021 10:56
C-20	1C15002-02	Soil	03/09/21 12:30	03-15-2021 10:56
C-21	1C15002-03	Soil	03/09/21 12:32	03-15-2021 10:56
C-22	1C15002-04	Soil	03/09/21 12:33	03-15-2021 10:56
C-23	1C15002-05	Soil	03/09/21 12:37	03-15-2021 10:56
C-24	1C15002-06	Soil	03/09/21 12:39	03-15-2021 10:56
C-25	1C15002-07	Soil	03/09/21 12:40	03-15-2021 10:56
C-26	1C15002-08	Soil	03/09/21 12:43	03-15-2021 10:56
C-27	1C15002-09	Soil	03/09/21 13:12	03-15-2021 10:56
C-28	1C15002-10	Soil	03/09/21 13:14	03-15-2021 10:56
C-29	1C15002-11	Soil	03/09/21 13:15	03-15-2021 10:56
C-30	1C15002-12	Soil	03/09/21 13:16	03-15-2021 10:56
C-31	1C15002-13	Soil	03/09/21 13:40	03-15-2021 10:56
C-32	1C15002-14	Soil	03/09/21 13:20	03-15-2021 10:56
C-33	1C15002-15	Soil	03/09/21 13:19	03-15-2021 10:56
C-34	1C15002-16	Soil	03/09/21 13:17	03-15-2021 10:56
C-35	1C15002-17	Soil	03/09/21 12:55	03-15-2021 10:56
C-36	1C15002-18	Soil	03/09/21 12:54	03-15-2021 10:56
C-37	1C15002-19	Soil	03/09/21 12:53	03-15-2021 10:56
C-38	1C15002-20	Soil	03/09/21 12:51	03-15-2021 10:56
C-39	1C15002-21	Soil	03/09/21 12:50	03-15-2021 10:56
C-40	1C15002-22	Soil	03/09/21 12:49	03-15-2021 10:56
C-41	1C15002-23	Soil	03/09/21 12:48	03-15-2021 10:56
C-42	1C15002-24	Soil	03/09/21 12:47	03-15-2021 10:56
C-43	1C15002-25	Soil	03/09/21 13:03	03-15-2021 10:56
C-44	1C15002-26	Soil	03/09/21 13:04	03-15-2021 10:56
C-45	1C15002-27	Soil	03/09/21 13:05	03-15-2021 10:56
C-46	1C15002-28	Soil	03/09/21 13:07	03-15-2021 10:56
C-47	1C15002-29	Soil	03/09/21 13:08	03-15-2021 10:56
C-48	1C15002-30	Soil	03/09/21 13:09	03-15-2021 10:56
C-49	1C15002-31	Soil	03/09/21 13:10	03-15-2021 10:56
C-50	1C15002-32	Soil	03/09/21 13:12	03-15-2021 10:56
C-51	1C15002-33	Soil	03/09/21 13:23	03-15-2021 10:56
C-52	1C15002-34	Soil	03/09/21 13:24	03-15-2021 10:56

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-53	1C15002-35	Soil	03/09/21 13:25	03-15-2021 10:56
C-54	1C15002-36	Soil	03/09/21 13:30	03-15-2021 10:56
C-55	1C15002-37	Soil	03/10/21 09:35	03-15-2021 10:56
C-56	1C15002-38	Soil	03/10/21 10:11	03-15-2021 10:56
C-57	1C15002-39	Soil	03/10/21 10:13	03-15-2021 10:56
C-58	1C15002-40	Soil	03/10/21 10:14	03-15-2021 10:56
C-59	1C15002-41	Soil	03/10/21 10:15	03-15-2021 10:56
C-60	1C15002-42	Soil	03/10/21 10:47	03-15-2021 10:56
C-61	1C15002-43	Soil	03/10/21 10:48	03-15-2021 10:56
C-62	1C15002-44	Soil	03/10/21 10:49	03-15-2021 10:56
C-63	1C15002-45	Soil	03/10/21 10:50	03-15-2021 10:56
C-64	1C15002-46	Soil	03/10/21 10:51	03-15-2021 10:56
C-65	1C15002-47	Soil	03/10/21 10:52	03-15-2021 10:56
C-66	1C15002-48	Soil	03/10/21 10:53	03-15-2021 10:56
C-67	1C15002-49	Soil	03/10/21 10:55	03-15-2021 10:56
C-68	1C15002-50	Soil	03/10/21 12:54	03-15-2021 10:56
C-69	1C15002-51	Soil	03/10/21 13:00	03-15-2021 10:56
C-70	1C15002-52	Soil	03/10/21 13:01	03-15-2021 10:56
C-71	1C15002-53	Soil	03/10/21 13:02	03-15-2021 10:56
C-72	1C15002-54	Soil	03/10/21 13:04	03-15-2021 10:56
C-73	1C15002-55	Soil	03/10/21 13:05	03-15-2021 10:56
C-74	1C15002-56	Soil	03/10/21 13:06	03-15-2021 10:56
C-75	1C15002-57	Soil	03/10/21 13:08	03-15-2021 10:56
C-76	1C15002-58	Soil	03/10/21 13:09	03-15-2021 10:56
C-77	1C15002-59	Soil	03/10/21 13:10	03-15-2021 10:56
C-78	1C15002-60	Soil	03/10/21 13:12	03-15-2021 10:56
C-79	1C15002-61	Soil	03/11/21 09:10	03-15-2021 10:56
C-80	1C15002-62	Soil	03/11/21 09:16	03-15-2021 10:56
C-81	1C15002-63	Soil	03/11/21 09:22	03-15-2021 10:56
C-82	1C15002-64	Soil	03/11/21 09:30	03-15-2021 10:56
C-83	1C15002-65	Soil	03/11/21 09:34	03-15-2021 10:56
C-84	1C15002-66	Soil	03/11/21 09:47	03-15-2021 10:56
C-85	1C15002-67	Soil	03/11/21 10:00	03-15-2021 10:56
C-86	1C15002-68	Soil	03/11/21 10:05	03-15-2021 10:56

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-87	1C15002-69	Soil	03/11/21 10:08	03-15-2021 10:56
C-88	1C15002-70	Soil	03/11/21 10:14	03-15-2021 10:56
C-89	1C15002-71	Soil	03/11/21 10:18	03-15-2021 10:56

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-19
1C15002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.2 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	15.8	1.02	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		96.6 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		104 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-20
1C15002-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	17.0	1.02	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-21
1C15002-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.6 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.7 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	21.3	1.01	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-22

1C15002-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.5 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.65	1.01	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-23

1C15002-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	6.28	1.02	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-24

1C15002-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.28	1.01	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-25
1C15002-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.5 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7.50	1.02	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-26
1C15002-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.6 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	23.3	1.00	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-27

1C15002-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.6 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	16.2	1.00	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-28

1C15002-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		113 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.5 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	33.6	1.01	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-29

1C15002-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.3 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	30.0	1.01	mg/kg dry	1	P1C1904	03/19/21	03/21/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-30

1C15002-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.4 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	36.8	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-31
1C15002-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	23.8	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		121 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-32

1C15002-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.3 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	21.7	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-33

1C15002-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		110 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	147	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-34
1C15002-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	471	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-35
1C15002-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	23.6	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-36
1C15002-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.2 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P1C1914	03/19/21	03/21/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-37

1C15002-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-38

1C15002-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		117 %	70-130		P1C1704	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-39

1C15002-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.6 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		129 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		145 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-40

1C15002-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		126 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		138 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-41
1C15002-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		126 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		138 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-42
1C15002-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.6 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.2 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.77	1.02	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		125 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		136 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-43

1C15002-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.4 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.6 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	75.3	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		125 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		136 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-44

1C15002-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	8.26	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		122 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		133 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-45
1C15002-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.9 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.1 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.27	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-46

1C15002-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-47

1C15002-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.4 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.2 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-48
1C15002-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.6 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.4 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.02	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: 1-Chlorooctane		122 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-130		P1C1705	03/16/21	03/17/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/17/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-49

1C15002-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.8 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	11.9	1.00	mg/kg dry	1	P1C2202	03/22/21	03/22/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		123 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		133 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-50
1C15002-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.9 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	182	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		122 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-51
1C15002-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.9 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.8 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	14.2	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		122 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-52
1C15002-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.6 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	208	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		123 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		136 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-53
1C15002-35 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.6 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.9 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	64.4	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		126 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		138 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-54
1C15002-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		86.1 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.0 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.46	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		121 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-55
1C15002-37 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		87.7 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.2 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.29	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/19/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/19/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		121 %	70-130		P1C1705	03/16/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P1C1705	03/16/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-56
1C15002-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.3 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.1 %	80-120		P1C1915	03/19/21	03/22/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.48	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		125 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-57

1C15002-39 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		128 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		143 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-58

1C15002-40 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		127 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		144 %	70-130		P1C1705	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-59

1C15002-41 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.87	1.00	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-60
1C15002-42 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-61
1C15002-43 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		121 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-62
1C15002-44 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	40.6	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-63
1C15002-45 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1000	1.04	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-64
1C15002-46 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	112	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-65
1C15002-47 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1C1917	03/19/21	03/24/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	121	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		123 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		135 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-66
1C15002-48 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1917	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1917	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1917	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1917	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	83.1	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-67

1C15002-49 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	89.6	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-68
1C15002-50 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	16.0	1.01	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		121 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-69
1C15002-51 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	282	1.02	mg/kg dry	1	P1C2203	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-70
1C15002-52 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	188	1.01	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	02/17/02	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-71

1C15002-53 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.3 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	49.5	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-72
1C15002-54 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	154	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-73

1C15002-55 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	470	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-74
1C15002-56 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	265	1.04	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-75
1C15002-57 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	65.0	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-76
1C15002-58 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	166	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-77

1C15002-59 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	15.1	1.03	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-78

1C15002-60 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00106	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	66.7	1.06	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P1C1706	03/16/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/16/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-79

1C15002-61 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	8.54	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/17/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-80

1C15002-62 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	13.2	1.01	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		98.1 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/17/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-81
1C15002-63 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1.65	1.01	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/17/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-82

1C15002-64 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	50.9	1.01	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/17/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-83

1C15002-65 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	296	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1C1708	03/17/21	03/18/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/17/21	03/18/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-84

1C15002-66 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	119	1.02	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/17/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-85

1C15002-67 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.76	1.01	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/17/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-86
1C15002-68 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00133	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Toluene	ND	0.00133	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00133	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00267	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00133	mg/kg dry	1	P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C1918	03/19/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	36.3	1.33	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	25.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	33.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C12-C28	ND	33.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C28-C35	ND	33.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	33.3	mg/kg dry	1	[CALC]	03/17/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-87

1C15002-69 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00116	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1C2405	03/24/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1C2405	03/24/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.16	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	14.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	29.1	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	03/17/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-88

1C15002-70 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00105	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-120		P1C2405	03/24/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	80-120		P1C2405	03/24/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	ND	1.05	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	5.0	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/17/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

C-89

1C15002-71 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00100	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2405	03/24/21	03/25/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1C2405	03/24/21	03/25/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-120		P1C2405	03/24/21	03/25/21	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	17.3	1.00	mg/kg dry	1	P1C2205	03/22/21	03/23/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C1709	03/17/21	03/17/21	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.0	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1C1708	03/17/21	03/19/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/17/21	03/19/21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1914 - * DEFAULT PREP *****

Blank (P1C1914-BLK1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.9	80-120			

LCS (P1C1914-BS1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.110	0.00100	mg/kg wet	0.100		110	70-130			
Toluene	0.109	0.00100	"	0.100		109	70-130			
Ethylbenzene	0.101	0.00100	"	0.100		101	70-130			
Xylene (p/m)	0.174	0.00200	"	0.200		87.2	70-130			
Xylene (o)	0.0883	0.00100	"	0.100		88.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.131		"	0.120		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	80-120			

LCS Dup (P1C1914-BS1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.106	0.00100	mg/kg wet	0.100		106	70-130	3.97	20	
Toluene	0.115	0.00100	"	0.100		115	70-130	5.71	20	
Ethylbenzene	0.100	0.00100	"	0.100		100	70-130	0.815	20	
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	70-130	11.3	20	
Xylene (o)	0.0877	0.00100	"	0.100		87.7	70-130	0.705	20	
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.130		"	0.120		108	80-120			

Calibration Check (P1C1914-CCV1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0929	0.00100	"	0.100		92.9	80-120			
Xylene (p/m)	0.165	0.00200	"	0.200		82.5	80-120			
Xylene (o)	0.0864	0.00100	"	0.100		86.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.135		"	0.120		113	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1914 - * DEFAULT PREP *****

Calibration Check (PIC1914-CCV2)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.0911	0.00100	"	0.100		91.1	80-120			
Ethylbenzene	0.0835	0.00100	"	0.100		83.5	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		80.9	80-120			
Xylene (o)	0.0844	0.00100	"	0.100		84.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.7	75-125			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	75-125			

Calibration Check (PIC1914-CCV3)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			

Matrix Spike (PIC1914-MS1)

Source: 1C15002-01

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.0810	0.00102	mg/kg dry	0.102	ND	79.4	80-120			QM-07
Toluene	0.0839	0.00102	"	0.102	ND	82.2	80-120			
Ethylbenzene	0.0974	0.00102	"	0.102	ND	95.4	80-120			
Xylene (p/m)	0.154	0.00204	"	0.204	ND	75.5	80-120			QM-07
Xylene (o)	0.0741	0.00102	"	0.102	ND	72.6	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.124		"	0.122		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.139		"	0.122		114	80-120			

Matrix Spike Dup (PIC1914-MSD1)

Source: 1C15002-01

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.0821	0.00102	mg/kg dry	0.102	ND	80.4	80-120	1.31	20	
Toluene	0.0847	0.00102	"	0.102	ND	83.0	80-120	0.908	20	
Ethylbenzene	0.102	0.00102	"	0.102	ND	100	80-120	4.96	20	
Xylene (p/m)	0.173	0.00204	"	0.204	ND	84.6	80-120	11.3	20	
Xylene (o)	0.0765	0.00102	"	0.102	ND	75.0	80-120	3.21	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.114		"	0.122		93.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.144		"	0.122		118	80-120			

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Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

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BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1915 - * DEFAULT PREP *******Blank (PIC1915-BLK1)**

Prepared: 03/19/21 Analyzed: 03/22/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

LCS (PIC1915-BS1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.0997	0.00100	mg/kg wet	0.100		99.7	70-130			
Toluene	0.104	0.00100	"	0.100		104	70-130			
Ethylbenzene	0.107	0.00100	"	0.100		107	70-130			
Xylene (p/m)	0.202	0.00200	"	0.200		101	70-130			
Xylene (o)	0.0900	0.00100	"	0.100		90.0	70-130			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			

LCS Dup (PIC1915-BS1)

Prepared: 03/19/21 Analyzed: 03/22/21

Benzene	0.0889	0.00100	mg/kg wet	0.100		88.9	70-130	11.4	20	
Toluene	0.103	0.00100	"	0.100		103	70-130	0.833	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130	6.11	20	
Xylene (p/m)	0.194	0.00200	"	0.200		96.9	70-130	4.13	20	
Xylene (o)	0.0832	0.00100	"	0.100		83.2	70-130	7.78	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Calibration Check (PIC1915-CCV1)

Prepared: 03/19/21 Analyzed: 03/21/21

Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			

Permian Basin Environmental Lab, L.P.

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BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1915 - * DEFAULT PREP *******Calibration Check (PIC1915-CCV2)**

Prepared: 03/19/21 Analyzed: 03/22/21

Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0942	0.00100	"	0.100		94.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	75-125			

Calibration Check (PIC1915-CCV3)

Prepared: 03/19/21 Analyzed: 03/22/21

Benzene	0.0953	0.00100	mg/kg wet	0.100		95.3	80-120			
Toluene	0.0983	0.00100	"	0.100		98.3	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		99.9	80-120			
Xylene (o)	0.0971	0.00100	"	0.100		97.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	75-125			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.7	75-125			

Matrix Spike (PIC1915-MS1)

Source: 1C15002-19

Prepared: 03/19/21 Analyzed: 03/22/21

Benzene	0.0917	0.00101	mg/kg dry	0.101	ND	90.8	80-120			
Toluene	0.0917	0.00101	"	0.101	ND	90.8	80-120			
Ethylbenzene	0.101	0.00101	"	0.101	ND	100	80-120			
Xylene (p/m)	0.165	0.00202	"	0.202	ND	81.5	80-120			
Xylene (o)	0.0816	0.00101	"	0.101	ND	80.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.133		"	0.121		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.121		97.5	80-120			

Matrix Spike Dup (PIC1915-MSD1)

Source: 1C15002-19

Prepared: 03/19/21 Analyzed: 03/22/21

Benzene	0.0850	0.00101	mg/kg dry	0.101	ND	84.1	80-120	7.59	20	
Toluene	0.0880	0.00101	"	0.101	ND	87.2	80-120	4.11	20	
Ethylbenzene	0.0921	0.00101	"	0.101	ND	91.1	80-120	9.36	20	
Xylene (p/m)	0.168	0.00202	"	0.202	ND	83.4	80-120	2.29	20	
Xylene (o)	0.0829	0.00101	"	0.101	ND	82.1	80-120	1.57	20	
Surrogate: 4-Bromofluorobenzene	0.138		"	0.121		114	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.121		97.2	80-120			

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Project Number: 19-0154-01
Project Manager: Mark Larson

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1917 - * DEFAULT PREP *******Blank (PIC1917-BLK1)**

Prepared: 03/19/21 Analyzed: 03/24/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			

LCS (PIC1917-BS1)

Prepared: 03/19/21 Analyzed: 03/24/21

Benzene	0.0905	0.00100	mg/kg wet	0.100		90.5	70-130			
Toluene	0.0921	0.00100	"	0.100		92.1	70-130			
Ethylbenzene	0.0852	0.00100	"	0.100		85.2	70-130			
Xylene (p/m)	0.171	0.00200	"	0.200		85.4	70-130			
Xylene (o)	0.0885	0.00100	"	0.100		88.5	70-130			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			

LCS Dup (PIC1917-BS1)

Prepared: 03/19/21 Analyzed: 03/24/21

Benzene	0.0908	0.00100	mg/kg wet	0.100		90.8	70-130	0.375	20	
Toluene	0.0922	0.00100	"	0.100		92.2	70-130	0.152	20	
Ethylbenzene	0.0833	0.00100	"	0.100		83.3	70-130	2.27	20	
Xylene (p/m)	0.168	0.00200	"	0.200		84.2	70-130	1.39	20	
Xylene (o)	0.0883	0.00100	"	0.100		88.3	70-130	0.170	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Check (PIC1917-CCV1)

Prepared: 03/19/21 Analyzed: 03/24/21

Benzene	0.0818	0.00100	mg/kg wet	0.100		81.8	80-120			
Toluene	0.0816	0.00100	"	0.100		81.6	80-120			
Ethylbenzene	0.0826	0.00100	"	0.100		82.6	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.2	80-120			
Xylene (o)	0.0818	0.00100	"	0.100		81.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1917 - * DEFAULT PREP *******Calibration Check (PIC1917-CCV2)**

Prepared: 03/19/21 Analyzed: 03/24/21

Benzene	0.0874	0.00100	mg/kg wet	0.100		87.4	80-120			
Toluene	0.0865	0.00100	"	0.100		86.5	80-120			
Ethylbenzene	0.0852	0.00100	"	0.100		85.2	80-120			
Xylene (p/m)	0.165	0.00200	"	0.200		82.7	80-120			
Xylene (o)	0.0852	0.00100	"	0.100		85.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			

Calibration Check (PIC1917-CCV3)

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0911	0.00100	mg/kg wet	0.100		91.1	80-120			
Toluene	0.0926	0.00100	"	0.100		92.6	80-120			
Ethylbenzene	0.0912	0.00100	"	0.100		91.2	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		86.0	80-120			
Xylene (o)	0.0891	0.00100	"	0.100		89.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			

Matrix Spike (PIC1917-MS1)

Source: 1C12002-08

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0751	0.00105	mg/kg dry	0.105	ND	71.4	80-120			QM-07
Toluene	0.0595	0.00105	"	0.105	ND	56.5	80-120			QM-07
Ethylbenzene	0.0357	0.00105	"	0.105	ND	33.9	80-120			QM-07
Xylene (p/m)	0.0456	0.00211	"	0.211	ND	21.7	80-120			QM-07
Xylene (o)	0.0525	0.00105	"	0.105	ND	49.9	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.134		"	0.126		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.136		"	0.126		108	80-120			

Matrix Spike Dup (PIC1917-MSD1)

Source: 1C12002-08

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0738	0.00105	mg/kg dry	0.105	ND	70.1	80-120	1.81	20	QM-07
Toluene	0.0613	0.00105	"	0.105	ND	58.2	80-120	2.98	20	QM-07
Ethylbenzene	0.0357	0.00105	"	0.105	ND	33.9	80-120	0.177	20	QM-07
Xylene (p/m)	0.0808	0.00211	"	0.211	ND	38.4	80-120	55.7	20	QM-07
Xylene (o)	0.0511	0.00105	"	0.105	ND	48.5	80-120	2.78	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.134		"	0.126		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.126		105	80-120			

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1918 - * DEFAULT PREP *****

Blank (PIC1918-BLK1)

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

LCS (PIC1918-BS1)

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0937	0.00100	mg/kg wet	0.100		93.7	70-130			
Toluene	0.0959	0.00100	"	0.100		95.9	70-130			
Ethylbenzene	0.0856	0.00100	"	0.100		85.6	70-130			
Xylene (p/m)	0.171	0.00200	"	0.200		85.7	70-130			
Xylene (o)	0.0908	0.00100	"	0.100		90.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			

LCS Dup (PIC1918-BS1)

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0814	0.00100	mg/kg wet	0.100		81.4	70-130	14.0	20	
Toluene	0.0815	0.00100	"	0.100		81.5	70-130	16.2	20	
Ethylbenzene	0.0805	0.00100	"	0.100		80.5	70-130	6.14	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.4	70-130	5.21	20	
Xylene (o)	0.0804	0.00100	"	0.100		80.4	70-130	12.2	20	
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			

Calibration Check (PIC1918-CCV1)

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0911	0.00100	mg/kg wet	0.100		91.1	80-120			
Toluene	0.0926	0.00100	"	0.100		92.6	80-120			
Ethylbenzene	0.0912	0.00100	"	0.100		91.2	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		86.0	80-120			
Xylene (o)	0.0891	0.00100	"	0.100		89.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1918 - * DEFAULT PREP *******Calibration Check (PIC1918-CCV2)**

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0913	0.00100	mg/kg wet	0.100		91.3	80-120			
Toluene	0.0906	0.00100	"	0.100		90.6	80-120			
Ethylbenzene	0.0895	0.00100	"	0.100		89.5	80-120			
Xylene (p/m)	0.169	0.00200	"	0.200		84.6	80-120			
Xylene (o)	0.0879	0.00100	"	0.100		87.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	75-125			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	75-125			

Calibration Check (PIC1918-CCV3)

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0896	0.00100	mg/kg wet	0.100		89.6	80-120			
Toluene	0.0881	0.00100	"	0.100		88.1	80-120			
Ethylbenzene	0.0873	0.00100	"	0.100		87.3	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.6	80-120			
Xylene (o)	0.0853	0.00100	"	0.100		85.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	75-125			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			

Matrix Spike (PIC1918-MS1)

Source: 1C15002-49

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0789	0.00101	mg/kg dry	0.101	ND	78.2	80-120			QM-07
Toluene	0.0757	0.00101	"	0.101	ND	74.9	80-120			QM-07
Ethylbenzene	0.0679	0.00101	"	0.101	ND	67.2	80-120			QM-07
Xylene (p/m)	0.132	0.00202	"	0.202	ND	65.1	80-120			QM-07
Xylene (o)	0.0696	0.00101	"	0.101	ND	68.9	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.124		"	0.121		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.121		103	80-120			

Matrix Spike Dup (PIC1918-MSD1)

Source: 1C15002-49

Prepared: 03/19/21 Analyzed: 03/25/21

Benzene	0.0743	0.00101	mg/kg dry	0.101	ND	73.5	80-120	6.09	20	QM-07
Toluene	0.0732	0.00101	"	0.101	ND	72.5	80-120	3.24	20	QM-07
Ethylbenzene	0.0663	0.00101	"	0.101	ND	65.7	80-120	2.30	20	QM-07
Xylene (p/m)	0.128	0.00202	"	0.202	ND	63.3	80-120	2.94	20	QM-07
Xylene (o)	0.0692	0.00101	"	0.101	ND	68.5	80-120	0.568	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.124		"	0.121		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.121		103	80-120			

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC2405 - * DEFAULT PREP *****

Blank (PIC2405-BLK1)

Prepared: 03/24/21 Analyzed: 03/25/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			

LCS (PIC2405-BS1)

Prepared: 03/24/21 Analyzed: 03/25/21

Benzene	0.0836	0.00100	mg/kg wet	0.100		83.6	70-130			
Toluene	0.0822	0.00100	"	0.100		82.2	70-130			
Ethylbenzene	0.0801	0.00100	"	0.100		80.1	70-130			
Xylene (p/m)	0.161	0.00200	"	0.200		80.6	70-130			
Xylene (o)	0.0801	0.00100	"	0.100		80.1	70-130			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			

LCS Dup (PIC2405-BSD1)

Prepared: 03/24/21 Analyzed: 03/25/21

Benzene	0.0927	0.00100	mg/kg wet	0.100		92.7	70-130	10.3	20	
Toluene	0.0910	0.00100	"	0.100		91.0	70-130	10.2	20	
Ethylbenzene	0.0818	0.00100	"	0.100		81.8	70-130	2.09	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.3	70-130	0.970	20	
Xylene (o)	0.0868	0.00100	"	0.100		86.8	70-130	8.00	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Calibration Check (PIC2405-CCV1)

Prepared: 03/24/21 Analyzed: 03/25/21

Benzene	0.0896	0.00100	mg/kg wet	0.100		89.6	80-120			
Toluene	0.0881	0.00100	"	0.100		88.1	80-120			
Ethylbenzene	0.0873	0.00100	"	0.100		87.3	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.6	80-120			
Xylene (o)	0.0853	0.00100	"	0.100		85.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	75-125			

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1709 - * DEFAULT PREP *****

Blank (P1C1709-BLK1)				Prepared & Analyzed: 03/17/21						
% Moisture	ND	0.1	%							
Duplicate (P1C1709-DUP1)				Source: 1C15002-10 Prepared & Analyzed: 03/17/21						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1C1709-DUP2)				Source: 1C15002-36 Prepared & Analyzed: 03/17/21						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1C1709-DUP3)				Source: 1C15002-46 Prepared & Analyzed: 03/17/21						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1C1709-DUP4)				Source: 1C15002-61 Prepared & Analyzed: 03/17/21						
% Moisture	1.0	0.1	%		2.0			66.7	20	R3

Batch P1C1904 - * DEFAULT PREP *****

Blank (P1C1904-BLK1)				Prepared: 03/19/21 Analyzed: 03/21/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1C1904-BS1)				Prepared: 03/19/21 Analyzed: 03/21/21						
Chloride	408	1.00	mg/kg wet	400	102	90-110				
LCS Dup (P1C1904-BSD1)				Prepared: 03/19/21 Analyzed: 03/21/21						
Chloride	411	1.00	mg/kg wet	400	103	90-110	0.952	20		
Calibration Check (P1C1904-CCV1)				Prepared: 03/19/21 Analyzed: 03/21/21						
Chloride	19.8		mg/kg	20.0	98.9	90-110				

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Project Manager: Mark Larson

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1904 - * DEFAULT PREP *******Calibration Check (P1C1904-CCV2)**

Prepared: 03/19/21 Analyzed: 03/21/21

Chloride	19.6		mg/kg	20.0		97.9	90-110			
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Calibration Check (P1C1904-CCV3)

Prepared: 03/19/21 Analyzed: 03/21/21

Chloride	20.0		mg/kg	20.0		100	90-110			
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Matrix Spike (P1C1904-MS1)**Source: 1C12010-04**

Prepared: 03/19/21 Analyzed: 03/21/21

Chloride	3080	11.1	mg/kg dry	1110	1850	110	80-120			
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Matrix Spike (P1C1904-MS2)**Source: 1C15002-02**

Prepared: 03/19/21 Analyzed: 03/21/21

Chloride	481	1.02	mg/kg dry	510	17.0	90.9	80-120			
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Matrix Spike Dup (P1C1904-MSD1)**Source: 1C12010-04**

Prepared: 03/19/21 Analyzed: 03/21/21

Chloride	3090	11.1	mg/kg dry	1110	1850	112	80-120	0.425	20	
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Matrix Spike Dup (P1C1904-MSD2)**Source: 1C15002-02**

Prepared: 03/19/21 Analyzed: 03/21/21

Chloride	513	1.02	mg/kg dry	510	17.0	97.2	80-120	6.53	20	
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Batch P1C2202 - * DEFAULT PREP *******Blank (P1C2202-BLK1)**

Prepared & Analyzed: 03/22/21

Chloride	ND	1.00	mg/kg wet							
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LCS (P1C2202-BS1)

Prepared & Analyzed: 03/22/21

Chloride	384	1.00	mg/kg wet	400		96.0	90-110			
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LCS Dup (P1C2202-BSD1)

Prepared & Analyzed: 03/22/21

Chloride	384	1.00	mg/kg wet	400		95.9	90-110	0.102	20	
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Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2202 - *** DEFAULT PREP ***										
Calibration Check (P1C2202-CCV1)				Prepared & Analyzed: 03/22/21						
Chloride	18.3		mg/kg	20.0		91.5	90-110			
Calibration Check (P1C2202-CCV2)				Prepared & Analyzed: 03/22/21						
Chloride	18.6		mg/kg	20.0		93.2	90-110			
Calibration Check (P1C2202-CCV3)				Prepared & Analyzed: 03/22/21						
Chloride	19.0		mg/kg	20.0		95.0	90-110			
Matrix Spike (P1C2202-MS1)				Source: 1C15002-12		Prepared & Analyzed: 03/22/21				
Chloride	491	1.01	mg/kg dry	505	36.8	89.9	80-120			
Matrix Spike (P1C2202-MS2)				Source: 1C15002-22		Prepared & Analyzed: 03/22/21				
Chloride	442	1.01	mg/kg dry	505	ND	87.4	80-120			
Matrix Spike Dup (P1C2202-MSD1)				Source: 1C15002-12		Prepared & Analyzed: 03/22/21				
Chloride	511	1.01	mg/kg dry	505	36.8	93.9	80-120	4.08	20	
Matrix Spike Dup (P1C2202-MSD2)				Source: 1C15002-22		Prepared & Analyzed: 03/22/21				
Chloride	450	1.01	mg/kg dry	505	ND	89.2	80-120	1.93	20	
Batch P1C2203 - *** DEFAULT PREP ***										
Blank (P1C2203-BLK1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1C2203-BS1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	395	1.00	mg/kg wet	400		98.8	90-110			

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Project Manager: Mark Larson

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2203 - *** DEFAULT PREP ***										
LCS Dup (P1C2203-BSD1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	398	1.00	mg/kg wet	400		99.4	90-110	0.600	20	
Calibration Check (P1C2203-CCV1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	19.6		mg/kg	20.0		98.2	90-110			
Calibration Check (P1C2203-CCV2)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	19.4		mg/kg	20.0		97.2	90-110			
Calibration Check (P1C2203-CCV3)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	18.0		mg/kg	20.0		90.0	90-110			
Matrix Spike (P1C2203-MS1)		Source: 1C15002-32		Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	660	1.01	mg/kg dry	505	182	94.6	80-120			
Matrix Spike (P1C2203-MS2)		Source: 1C15002-42		Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	478	1.01	mg/kg dry	505	ND	94.7	80-120			
Matrix Spike Dup (P1C2203-MSD1)		Source: 1C15002-32		Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	669	1.01	mg/kg dry	505	182	96.4	80-120	1.35	20	
Matrix Spike Dup (P1C2203-MSD2)		Source: 1C15002-42		Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	475	1.01	mg/kg dry	505	ND	94.0	80-120	0.727	20	
Batch P1C2205 - *** DEFAULT PREP ***										
Blank (P1C2205-BLK1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	ND	1.00	mg/kg wet							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2205 - *** DEFAULT PREP ***										
LCS (P1C2205-BS1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	400	1.00	mg/kg wet	400		100	90-110			
LCS Dup (P1C2205-BSD1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	400	1.00	mg/kg wet	400		100	90-110	0.0825	20	
Calibration Check (P1C2205-CCV1)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	19.3		mg/kg	20.0		96.5	90-110			
Calibration Check (P1C2205-CCV2)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	19.2		mg/kg	20.0		95.8	90-110			
Calibration Check (P1C2205-CCV3)				Prepared: 03/22/21 Analyzed: 03/23/21						
Chloride	19.2		mg/kg	20.0		95.8	90-110			
Matrix Spike (P1C2205-MS1)				Source: 1C15002-52		Prepared: 03/22/21 Analyzed: 03/23/21				
Chloride	661	1.01	mg/kg dry	505	188	93.7	80-120			
Matrix Spike (P1C2205-MS2)				Source: 1C15002-62		Prepared: 03/22/21 Analyzed: 03/23/21				
Chloride	473	1.01	mg/kg dry	505	13.2	91.1	80-120			
Matrix Spike Dup (P1C2205-MSD1)				Source: 1C15002-52		Prepared: 03/22/21 Analyzed: 03/23/21				
Chloride	638	1.01	mg/kg dry	505	188	89.2	80-120	3.49	20	
Matrix Spike Dup (P1C2205-MSD2)				Source: 1C15002-62		Prepared: 03/22/21 Analyzed: 03/23/21				
Chloride	484	1.01	mg/kg dry	505	13.2	93.3	80-120	2.28	20	

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Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1704 - TX 1005

Blank (PIC1704-BLK1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	91.3		"	100		91.3	70-130			
Surrogate: o-Terphenyl	48.6		"	50.0		97.1	70-130			

LCS (PIC1704-BS1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	989	25.0	mg/kg wet	1000		98.9	75-125			
>C12-C28	990	25.0	"	1000		99.0	75-125			
Surrogate: 1-Chlorooctane	98.6		"	100		98.6	70-130			
Surrogate: o-Terphenyl	51.1		"	50.0		102	70-130			

LCS Dup (PIC1704-BSD1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	959	25.0	mg/kg wet	1000		95.9	75-125	3.11	20	
>C12-C28	931	25.0	"	1000		93.1	75-125	6.07	20	
Surrogate: 1-Chlorooctane	97.3		"	100		97.3	70-130			
Surrogate: o-Terphenyl	54.2		"	50.0		108	70-130			

Calibration Check (PIC1704-CCV1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	442	25.0	mg/kg wet	500		88.4	85-115			
>C12-C28	510	25.0	"	500		102	85-115			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	49.9		"	50.0		99.8	70-130			

Calibration Check (PIC1704-CCV2)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	477	25.0	mg/kg wet	500		95.4	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	54.3		"	50.0		109	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1704 - TX 1005

Calibration Check (P1C1704-CCV3)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	462	25.0	mg/kg wet	500		92.5	85-115			
>C12-C28	554	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	52.9		"	50.0		106	70-130			

Matrix Spike (P1C1704-MS1)

Source: 1C15002-20

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	1040	25.3	mg/kg dry	1010	ND	103	75-125			
>C12-C28	1040	25.3	"	1010	ND	103	75-125			
Surrogate: 1-Chlorooctane	103		"	101		102	70-130			
Surrogate: o-Terphenyl	60.0		"	50.5		119	70-130			

Matrix Spike Dup (P1C1704-MSD1)

Source: 1C15002-20

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	976	25.3	mg/kg dry	1010	ND	96.6	75-125	6.21	20	
>C12-C28	983	25.3	"	1010	ND	97.3	75-125	5.48	20	
Surrogate: 1-Chlorooctane	95.1		"	101		94.1	70-130			
Surrogate: o-Terphenyl	53.9		"	50.5		107	70-130			

Batch P1C1705 - TX 1005

Blank (P1C1705-BLK1)

Prepared: 03/16/21 Analyzed: 03/17/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	59.5		"	50.0		119	70-130			

LCS (P1C1705-BS1)

Prepared: 03/16/21 Analyzed: 03/17/21

C6-C12	1130	25.0	mg/kg wet	1000		113	75-125			
>C12-C28	1110	25.0	"	1000		111	75-125			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	61.9		"	50.0		124	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1705 - TX 1005

LCS Dup (P1C1705-BSD1)

Prepared: 03/16/21 Analyzed: 03/17/21

C6-C12	1110	25.0	mg/kg wet	1000		111	75-125	2.35	20	
>C12-C28	1080	25.0	"	1000		108	75-125	2.19	20	
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	62.1		"	50.0		124	70-130			

Calibration Check (P1C1705-CCV1)

Prepared: 03/16/21 Analyzed: 03/17/21

C6-C12	544	25.0	mg/kg wet	500		109	85-115			
>C12-C28	563	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	62.7		"	50.0		125	70-130			

Calibration Check (P1C1705-CCV2)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	475	25.0	mg/kg wet	500		95.1	85-115			
>C12-C28	536	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	56.8		"	50.0		114	70-130			

Matrix Spike (P1C1705-MS1)

Source: 1C15002-40

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	961	25.3	mg/kg dry	1010	14.2	93.8	75-125			
>C12-C28	1090	25.3	"	1010	ND	108	75-125			
Surrogate: 1-Chlorooctane	103		"	101		102	70-130			
Surrogate: o-Terphenyl	59.1		"	50.5		117	70-130			

Matrix Spike Dup (P1C1705-MSD1)

Source: 1C15002-40

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	1050	25.3	mg/kg dry	1010	14.2	103	75-125	9.09	20	
>C12-C28	1160	25.3	"	1010	ND	115	75-125	6.80	20	
Surrogate: 1-Chlorooctane	110		"	101		108	70-130			
Surrogate: o-Terphenyl	62.0		"	50.5		123	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch PIC1706 - TX 1005

Blank (PIC1706-BLK1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	64.2		"	50.0		128	70-130			

LCS (PIC1706-BS1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	1130	25.0	mg/kg wet	1000		113	75-125			
>C12-C28	1110	25.0	"	1000		111	75-125			
Surrogate: 1-Chlorooctane	118		"	120		98.3	70-130			
Surrogate: o-Terphenyl	62.2		"	60.0		104	70-130			

LCS Dup (PIC1706-BSD1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	1140	25.0	mg/kg wet	1000		114	75-125	0.324	20	
>C12-C28	1130	25.0	"	1000		113	75-125	1.98	20	
Surrogate: 1-Chlorooctane	123		"	120		102	70-130			
Surrogate: o-Terphenyl	65.0		"	60.0		108	70-130			

Calibration Check (PIC1706-CCV1)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	524	25.0	mg/kg wet	500		105	85-115			
>C12-C28	569	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	112		"	120		93.2	70-130			
Surrogate: o-Terphenyl	60.6		"	60.0		101	70-130			

Calibration Check (PIC1706-CCV2)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	556	25.0	mg/kg wet	500		111	85-115			
>C12-C28	548	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	116		"	120		96.8	70-130			
Surrogate: o-Terphenyl	63.4		"	60.0		106	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1706 - TX 1005

Calibration Check (P1C1706-CCV3)

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	549	25.0	mg/kg wet	500		110	85-115			
>C12-C28	568	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	143		"	120		119	70-130			
Surrogate: o-Terphenyl	65.7		"	60.0		110	70-130			

Matrix Spike (P1C1706-MS1)

Source: 1C15002-60

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	1320	26.6	mg/kg dry	1060	12.4	123	75-125			
>C12-C28	1250	26.6	"	1060	ND	117	75-125			
Surrogate: 1-Chlorooctane	137		"	128		107	70-130			
Surrogate: o-Terphenyl	76.6		"	63.8		120	70-130			

Matrix Spike Dup (P1C1706-MSD1)

Source: 1C15002-60

Prepared: 03/16/21 Analyzed: 03/18/21

C6-C12	1310	26.6	mg/kg dry	1060	12.4	122	75-125	1.15	20	
>C12-C28	1250	26.6	"	1060	ND	117	75-125	0.293	20	
Surrogate: 1-Chlorooctane	138		"	128		108	70-130			
Surrogate: o-Terphenyl	77.1		"	63.8		121	70-130			

Batch P1C1708 - TX 1005

Blank (P1C1708-BLK1)

Prepared: 03/17/21 Analyzed: 03/18/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	115		"	120		96.1	70-130			
Surrogate: o-Terphenyl	62.6		"	60.0		104	70-130			

LCS (P1C1708-BS1)

Prepared: 03/17/21 Analyzed: 03/18/21

C6-C12	1120	25.0	mg/kg wet	1000		112	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	117		"	120		97.8	70-130			
Surrogate: o-Terphenyl	62.8		"	60.0		105	70-130			

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1708 - TX 1005

LCS Dup (P1C1708-BSD1)

Prepared: 03/17/21 Analyzed: 03/18/21

C6-C12	1110	25.0	mg/kg wet	1000		111	75-125	0.738	20	
>C12-C28	1040	25.0	"	1000		104	75-125	2.26	20	
Surrogate: 1-Chlorooctane	120		"	120		100	70-130			
Surrogate: o-Terphenyl	64.0		"	60.0		107	70-130			

Calibration Check (P1C1708-CCV1)

Prepared: 03/17/21 Analyzed: 03/18/21

C6-C12	577	25.0	mg/kg wet	500		115	85-115			
>C12-C28	571	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	118		"	120		98.3	70-130			
Surrogate: o-Terphenyl	64.9		"	60.0		108	70-130			

Calibration Check (P1C1708-CCV2)

Prepared: 03/17/21 Analyzed: 03/19/21

C6-C12	561	25.0	mg/kg wet	500		112	85-115			
>C12-C28	550	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	119		"	120		99.5	70-130			
Surrogate: o-Terphenyl	65.7		"	60.0		109	70-130			

Calibration Check (P1C1708-CCV3)

Prepared: 03/17/21 Analyzed: 03/19/21

C6-C12	568	25.0	mg/kg wet	500		114	85-115			
>C12-C28	570	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	117		"	120		97.1	70-130			
Surrogate: o-Terphenyl	63.7		"	60.0		106	70-130			

Matrix Spike (P1C1708-MS1)

Source: 1C15002-61

Prepared: 03/17/21 Analyzed: 03/19/21

C6-C12	1260	25.5	mg/kg dry	1020	11.9	123	75-125			
>C12-C28	1210	25.5	"	1020	ND	118	75-125			
Surrogate: 1-Chlorooctane	128		"	122		104	70-130			
Surrogate: o-Terphenyl	69.5		"	61.2		114	70-130			

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P1C1708 - TX 1005

Matrix Spike Dup (P1C1708-MSD1)		Source: 1C15002-61		Prepared: 03/17/21		Analyzed: 03/19/21				
C6-C12	1270	25.5	mg/kg dry	1020	11.9	123	75-125	0.408	20	
>C12-C28	1190	25.5	"	1020	ND	117	75-125	1.53	20	
Surrogate: 1-Chlorooctane	127		"	122		104	70-130			
Surrogate: o-Terphenyl	68.8		"	61.2		112	70-130			

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: SD Pad 15
Project Number: 19-0154-01
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/25/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.

Project: SD Pad 15

Fax: (432) 687-0456

P.O. Box 50685

Project Number: 19-0154-01

Midland TX, 79710

Project Manager: Mark Larson

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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Page 100 of 103

COLLECTOR: DSG

11

NOTES1

11

1

1

1

1

1000

1

1

11

DT USE

10

1

Arson & Associates, Inc.
Environmental Consultants

507 N. Marientfield, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

TRRP report?
☐ Yes ☒ No

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

TIME ZONE:
Time zone/State:

Field
Sample I.D.

Lab #

Date

Time

Matrix

of Containers

HCl

HNO₃H₂SO₄ ☐ NaOH ☐

ICE

UNPRESERVED

ANALYSES

BTEX ☒ MTBE ☐
TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐
GASOLINE MOD 8015 ☒
DIESEL - MOD 8015 ☒
OIL - MOD 8015 ☒
VOC 8260 ☐
SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐
8081 PESTICIDES ☐ 8151 HERBICIDES ☐
TBLP - PCBs ☐
TCLP - METALS (RCRA) ☐ TCLP VOC ☐
TOTAL METALS (RCRA) ☐ HERB ☐ Semi-VOC ☐
LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐
RCI ☐ TOX ☐ FLASHPOINT ☐
TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐
pH ☐ HEXAVALENT CHROMIUM ☐
EXPLOSIVES ☐ PENTACHLORATE ☐
CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐

FIELD NOTES

DATE: 3/15/2021
PO#:
PROJECT LOCATION OR NAME: 515 PAB 15
LAI PROJECT #: W-0154-01

PAGE 3 OF 5
LAB WORK ORDER#: 1615002
COLLECTOR: D54

CHAIN-OF-CUSTODY

No 1506

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
C-49	31	3/19/21	1310	S	1				X		X	
C-50	32		1312								X	
C-51	33		1323								X	
C-52	34		1324								X	
C-53	35		1325								X	
C-54	36		1330								X	
C-55	37	3/10/21	0935								X	
C-56	38		1011								X	
C-57	39		1013								X	
C-58	40		1014								X	
C-59	41		1015								X	
C-60	42		1047								X	
C-61	43		1048								X	
C-62	44		1049								X	
C-63	45		1050								X	
TOTAL 15												

RELINQUISHED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RELINQUISHED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RELINQUISHED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

LABORATORY: *EQUIP PIVV

TURN AROUND TIME

LABORATORY USE ONLY:

FIELD NOTES

Varson & Associates, Inc.
Environmental Consultants

507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 3/6/02 PAGE 5 OF 5
PO#: _____ LAB WORK ORDER#: 1015002
PROJECT LOCATION OR NAME: 5D PAD 15
LAI PROJECT #: 14-0154-01 COLLECTOR: D54

CHAIN-OF-CUSTODY

№1508

TRRP report?		S=SOIL W=WATER A=AIR		P=PAINT SL=SLUDGE OT=OTHER		PRESERVATION		ANALYSES		FIELD NOTES			
☐ Yes ☒ No TIME ZONE: Time zone/State:						☐ HCl ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ ICE ☒ UNPRESERVED		☒ BTEX ☐ MTBE ☐ TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8082 PCBS ☐ TBLP - METALS (RCRA) ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ LEAD - TOTAL ☐ D.W. 200.8 ☐ TOX ☐ FLASHPOINT ☐ % MOISTURE ☐ CYANIDE ☐ PCHLORATE ☐ ALKALINITY ☐ EXPLOSIVES ☐ ANIONS ☐ CHLORIDE					
Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	UNPRESERVED		
C-79	61	3/11/21	0910	S	1								
C-80	62		0916										
C-81	63		0912										
C-82	64		0930										
C-83	65		0934										
C-84	66		0947										
C-85	67		1000										
C-86	68		1005										
C-87	69		1008										
C-88	70		1014										
C-89	71		1018										
TOTAL													

DATE/TIME

RECEIVED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

NORMAL ☒1 DAY ☐2 DAY ☐OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP: 5.4THERM#: OKCUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

CARRIER BILL #

☐ HAND DELIVERED



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-895-1
Client Project/Site: SD Pad 15

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
4/19/2021 3:52:42 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Laboratory Job ID: 880-895-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	6
QC Sample Results	7
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Method Summary	14
Sample Summary	15
Chain of Custody	16
Receipt Checklists	17

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Midland

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Job ID: 880-895-1

Laboratory: Eurofins Xenco, Midland

Narrative	
Job Narrative	
880-895-1	

Receipt

The sample was received on 3/31/2021 9:52 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Client Sample ID: L-63 4.1'

Lab Sample ID: 880-895-1

Date Collected: 03/30/21 11:23

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/06/21 16:49	04/07/21 00:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:56	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/06/21 16:49	04/07/21 00:56	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/06/21 16:49	04/07/21 00:56	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/06/21 16:49	04/07/21 00:56	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/03/21 10:56	04/05/21 07:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		04/03/21 10:56	04/05/21 07:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/03/21 10:56	04/05/21 07:29	1
Total TPH	<50.1	U	50.1	mg/Kg		04/03/21 10:56	04/05/21 07:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	04/03/21 10:56	04/05/21 07:29	1
o-Terphenyl	113		70 - 130	04/03/21 10:56	04/05/21 07:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	724		5.00	mg/Kg			04/16/21 00:46	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-895-1	L-63 4.1'	113	102
LCS 880-1404/1-A	Lab Control Sample	104	105
LCSD 880-1404/2-A	Lab Control Sample Dup	105	106
MB 880-1404/5-A	Method Blank	105	97
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-684-A-1-F MS	Matrix Spike	110	96
880-684-A-1-G MSD	Matrix Spike Duplicate	109	94
880-895-1	L-63 4.1'	111	113
LCS 880-1274/2-A	Lab Control Sample	119	116
LCSD 880-1274/3-A	Lab Control Sample Dup	127	119
MB 880-1274/1-A	Method Blank	103	102
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1404/5-A

Matrix: Solid

Analysis Batch: 1370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1404

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/06/21 16:49	04/07/21 00:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:34	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/06/21 16:49	04/07/21 00:34	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		04/06/21 16:49	04/07/21 00:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/06/21 16:49	04/07/21 00:34	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/06/21 16:49	04/07/21 00:34	1

Lab Sample ID: LCS 880-1404/1-A

Matrix: Solid

Analysis Batch: 1370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1045		mg/Kg		105	70 - 130
Toluene	0.100	0.09651		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1000		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1967		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1008		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-1404/2-A

Matrix: Solid

Analysis Batch: 1370

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	0	35
Toluene	0.100	0.09625		mg/Kg		96	70 - 130	0	35
Ethylbenzene	0.100	0.09959		mg/Kg		100	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1955		mg/Kg		98	70 - 130	1	35
o-Xylene	0.100	0.09893		mg/Kg		99	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-1274/1-A

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1274

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/03/21 10:56	04/04/21 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/03/21 10:56	04/04/21 22:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/03/21 10:56	04/04/21 22:41	1
Total TPH	<50.0	U	50.0	mg/Kg		04/03/21 10:56	04/04/21 22:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	04/03/21 10:56	04/04/21 22:41	1
o-Terphenyl	102		70 - 130	04/03/21 10:56	04/04/21 22:41	1

Lab Sample ID: LCS 880-1274/2-A

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1274

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1071		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	993.1		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: LCSD 880-1274/3-A

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1274

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1155		mg/Kg		116	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1044		mg/Kg		104	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-684-A-1-F MS

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1274

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1082		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1030		mg/Kg		103	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-684-A-1-F MS

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1274

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 880-684-A-1-G MSD

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1274

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1050		mg/Kg		105	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1013		mg/Kg		101	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	94		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1724/1-A

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/15/21 23:25	1

Lab Sample ID: LCS 880-1724/2-A

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	254.5		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-1724/3-A

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	253.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-896-A-1-F MS

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.43	F1	248	223.2	F1	mg/Kg		88	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-896-A-1-G MSD

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.43	F1	248	222.6	F1	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

GC VOA

Analysis Batch: 1370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-895-1	L-63 4.1'	Total/NA	Solid	8021B	1404
MB 880-1404/5-A	Method Blank	Total/NA	Solid	8021B	1404
LCS 880-1404/1-A	Lab Control Sample	Total/NA	Solid	8021B	1404
LCSD 880-1404/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1404

Prep Batch: 1404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-895-1	L-63 4.1'	Total/NA	Solid	5035	
MB 880-1404/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1404/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1404/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 1274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-895-1	L-63 4.1'	Total/NA	Solid	8015NM Prep	
MB 880-1274/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1274/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1274/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-684-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-684-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 1289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-895-1	L-63 4.1'	Total/NA	Solid	8015B NM	1274
MB 880-1274/1-A	Method Blank	Total/NA	Solid	8015B NM	1274
LCS 880-1274/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1274
LCSD 880-1274/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1274
880-684-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	1274
880-684-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	1274

HPLC/IC

Leach Batch: 1724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-895-1	L-63 4.1'	Soluble	Solid	DI Leach	
MB 880-1724/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1724/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1724/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-896-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-896-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 1852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-895-1	L-63 4.1'	Soluble	Solid	300.0	1724
MB 880-1724/1-A	Method Blank	Soluble	Solid	300.0	1724
LCS 880-1724/2-A	Lab Control Sample	Soluble	Solid	300.0	1724
LCSD 880-1724/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1724
880-896-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	1724
880-896-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	1724

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Client Sample ID: L-63 4.1'

Lab Sample ID: 880-895-1

Date Collected: 03/30/21 11:23

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1404	04/06/21 16:49	MR	XM
Total/NA	Analysis	8021B		1	1370	04/07/21 00:56	AJ	XM
Total/NA	Prep	8015NM Prep			1274	04/03/21 10:56	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/05/21 07:29	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:46	SC	XM

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-895-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-895-1	L-63 4.1'	Solid	03/30/21 11:23	03/31/21 09:52	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

4/19/2021

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-895-1

Login Number: 895

List Source: Eurofins Midland

List Number: 1

Creator: Teel, Brianna

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-894-1

Laboratory Sample Delivery Group: 19-0154-01

Client Project/Site: SD Pad 15

For:

Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in cursive script that reads "Holly Taylor".

Authorized for release by:
4/19/2021 3:47:52 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Laboratory Job ID: 880-894-1
SDG: 19-0154-01

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	17
Lab Chronicle	20
Certification Summary	22
Method Summary	23
Sample Summary	24
Chain of Custody	25
Receipt Checklists	26

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Job ID: 880-894-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-894-1

Receipt

The samples were received on 3/31/2021 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Client Sample ID: BF-1

Lab Sample ID: 880-894-1

Date Collected: 03/30/21 11:40

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:53	1
Toluene	0.00445		0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:53	1
m-Xylene & p-Xylene	0.0145		0.00399	mg/Kg		04/06/21 13:00	04/06/21 19:53	1
o-Xylene	0.00273		0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:53	1
Xylenes, Total	0.0172		0.00399	mg/Kg		04/06/21 13:00	04/06/21 19:53	1
Total BTEX	0.0217		0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/06/21 13:00	04/06/21 19:53	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/06/21 13:00	04/06/21 19:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9	mg/Kg		04/05/21 09:24	04/05/21 16:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 16:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 16:07	1
Total TPH	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	04/05/21 09:24	04/05/21 16:07	1
o-Terphenyl	89		70 - 130	04/05/21 09:24	04/05/21 16:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		5.02	mg/Kg			04/16/21 00:00	1

Client Sample ID: BF-2

Lab Sample ID: 880-894-2

Date Collected: 03/30/21 11:43

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 20:14	1
Toluene	0.00353		0.00200	mg/Kg		04/06/21 13:00	04/06/21 20:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 20:14	1
m-Xylene & p-Xylene	0.00757		0.00401	mg/Kg		04/06/21 13:00	04/06/21 20:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 20:14	1
Xylenes, Total	0.00757		0.00401	mg/Kg		04/06/21 13:00	04/06/21 20:14	1
Total BTEX	0.0111		0.00200	mg/Kg		04/06/21 13:00	04/06/21 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	04/06/21 13:00	04/06/21 20:14	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/06/21 13:00	04/06/21 20:14	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9	mg/Kg		04/05/21 09:24	04/05/21 20:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Client Sample ID: BF-2

Lab Sample ID: 880-894-2

Date Collected: 03/30/21 11:43

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 20:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 20:01	1
Total TPH	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 20:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/05/21 09:24	04/05/21 20:01	1
o-Terphenyl	105		70 - 130			04/05/21 09:24	04/05/21 20:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.77		4.98	mg/Kg			04/16/21 00:05	1

Client Sample ID: BF-3

Lab Sample ID: 880-894-3

Date Collected: 03/30/21 11:45

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/06/21 13:00	04/06/21 20:34	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/06/21 13:00	04/06/21 20:34	1
Ethylbenzene	0.00392		0.00201	mg/Kg		04/06/21 13:00	04/06/21 20:34	1
m-Xylene & p-Xylene	0.00466		0.00402	mg/Kg		04/06/21 13:00	04/06/21 20:34	1
o-Xylene	0.00703		0.00201	mg/Kg		04/06/21 13:00	04/06/21 20:34	1
Xylenes, Total	0.0117		0.00402	mg/Kg		04/06/21 13:00	04/06/21 20:34	1
Total BTEX	0.0156		0.00201	mg/Kg		04/06/21 13:00	04/06/21 20:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			04/06/21 13:00	04/06/21 20:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130			04/06/21 13:00	04/06/21 20:34	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9	mg/Kg		04/05/21 09:24	04/05/21 23:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 23:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 23:13	1
Total TPH	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 23:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/05/21 09:24	04/05/21 23:13	1
o-Terphenyl	109		70 - 130			04/05/21 09:24	04/05/21 23:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.22		4.95	mg/Kg			04/16/21 00:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Client Sample ID: BF-4

Lab Sample ID: 880-894-4

Date Collected: 03/30/21 11:48

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/06/21 13:00	04/06/21 20:55	1
Toluene	0.00292		0.00199	mg/Kg		04/06/21 13:00	04/06/21 20:55	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/06/21 13:00	04/06/21 20:55	1
m-Xylene & p-Xylene	0.00656		0.00398	mg/Kg		04/06/21 13:00	04/06/21 20:55	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/06/21 13:00	04/06/21 20:55	1
Xylenes, Total	0.00656		0.00398	mg/Kg		04/06/21 13:00	04/06/21 20:55	1
Total BTEX	0.00948		0.00199	mg/Kg		04/06/21 13:00	04/06/21 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/06/21 13:00	04/06/21 20:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/06/21 13:00	04/06/21 20:55	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:34	1
Total TPH	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/05/21 09:24	04/05/21 23:34	1
o-Terphenyl	104		70 - 130	04/05/21 09:24	04/05/21 23:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.37		5.05	mg/Kg			04/16/21 00:26	1

Client Sample ID: BF-5

Lab Sample ID: 880-894-5

Date Collected: 03/30/21 11:51

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/06/21 13:00	04/06/21 21:15	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/06/21 13:00	04/06/21 21:15	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/06/21 13:00	04/06/21 21:15	1
m-Xylene & p-Xylene	0.00588		0.00396	mg/Kg		04/06/21 13:00	04/06/21 21:15	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/06/21 13:00	04/06/21 21:15	1
Xylenes, Total	0.00588		0.00396	mg/Kg		04/06/21 13:00	04/06/21 21:15	1
Total BTEX	0.00588		0.00198	mg/Kg		04/06/21 13:00	04/06/21 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	04/06/21 13:00	04/06/21 21:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/06/21 13:00	04/06/21 21:15	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Client Sample ID: BF-5

Lab Sample ID: 880-894-5

Date Collected: 03/30/21 11:51

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:55	1
Total TPH	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 23:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			04/05/21 09:24	04/05/21 23:55	1
o-Terphenyl	100		70 - 130			04/05/21 09:24	04/05/21 23:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.26		4.98	mg/Kg			04/16/21 00:31	1

Client Sample ID: BF-6

Lab Sample ID: 880-894-6

Date Collected: 03/30/21 12:03

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 21:35	1
Toluene	0.00345		0.00200	mg/Kg		04/06/21 13:00	04/06/21 21:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 21:35	1
m-Xylene & p-Xylene	0.00694		0.00399	mg/Kg		04/06/21 13:00	04/06/21 21:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 21:35	1
Xylenes, Total	0.00694		0.00399	mg/Kg		04/06/21 13:00	04/06/21 21:35	1
Total BTEX	0.0104		0.00200	mg/Kg		04/06/21 13:00	04/06/21 21:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130			04/06/21 13:00	04/06/21 21:35	1
1,4-Difluorobenzene (Surr)	86		70 - 130			04/06/21 13:00	04/06/21 21:35	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9	mg/Kg		04/05/21 09:24	04/05/21 18:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 18:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 18:36	1
Total TPH	<49.9	U	49.9	mg/Kg		04/05/21 09:24	04/05/21 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130			04/05/21 09:24	04/05/21 18:36	1
o-Terphenyl	118		70 - 130			04/05/21 09:24	04/05/21 18:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		4.97	mg/Kg			04/16/21 00:36	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Client Sample ID: BF-7

Lab Sample ID: 880-894-7

Date Collected: 03/30/21 12:05

Matrix: Solid

Date Received: 03/31/21 09:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/06/21 13:00	04/06/21 21:56	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/06/21 13:00	04/06/21 21:56	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/06/21 13:00	04/06/21 21:56	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/06/21 13:00	04/06/21 21:56	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/06/21 13:00	04/06/21 21:56	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/06/21 13:00	04/06/21 21:56	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		04/06/21 13:00	04/06/21 21:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	04/06/21 13:00	04/06/21 21:56	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/06/21 13:00	04/06/21 21:56	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/03/21 10:28	04/04/21 06:06	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		04/03/21 10:28	04/04/21 06:06	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/03/21 10:28	04/04/21 06:06	1
Total TPH	<50.1	U	50.1	mg/Kg		04/03/21 10:28	04/04/21 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	04/03/21 10:28	04/04/21 06:06	1
o-Terphenyl	85		70 - 130	04/03/21 10:28	04/04/21 06:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		4.95	mg/Kg			04/16/21 00:41	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-894-1	BF-1	111	101
880-894-1 MS	BF-1	105	101
880-894-1 MSD	BF-1	103	101
880-894-2	BF-2	125	102
880-894-3	BF-3	115	98
880-894-4	BF-4	113	99
880-894-5	BF-5	122	100
880-894-6	BF-6	129	86
880-894-7	BF-7	124	97
LCS 880-1402/1-A	Lab Control Sample	102	100
LCSD 880-1402/2-A	Lab Control Sample Dup	103	100
MB 880-1402/5-A	Method Blank	104	97
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-894-1	BF-1	95	89
880-894-1 MS	BF-1	105	92
880-894-1 MSD	BF-1	110	96
880-894-2	BF-2	109	105
880-894-3	BF-3	109	109
880-894-4	BF-4	116	104
880-894-5	BF-5	112	100
880-894-6	BF-6	126	118
880-894-7	BF-7	102	85
890-482-A-1-C MS	Matrix Spike	117	95
890-482-A-1-D MSD	Matrix Spike Duplicate	117	92
LCS 880-1271/2-A	Lab Control Sample	113	94
LCS 880-1303/2-A	Lab Control Sample	114	111
LCSD 880-1271/3-A	Lab Control Sample Dup	117	92
LCSD 880-1303/3-A	Lab Control Sample Dup	114	106
MB 880-1271/1-A	Method Blank	109	102
MB 880-1303/1-A	Method Blank	112	124
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1402/5-A

Matrix: Solid

Analysis Batch: 1406

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1402

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/06/21 13:00	04/06/21 19:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:24	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/06/21 13:00	04/06/21 19:24	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		04/06/21 13:00	04/06/21 19:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/06/21 13:00	04/06/21 19:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/06/21 13:00	04/06/21 19:24	1

Lab Sample ID: LCS 880-1402/1-A

Matrix: Solid

Analysis Batch: 1406

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09751		mg/Kg		98	70 - 130
Toluene	0.100	0.1007		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1103		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2206		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1092		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-1402/2-A

Matrix: Solid

Analysis Batch: 1406

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1131		mg/Kg		113	70 - 130	15	35
Toluene	0.100	0.1102		mg/Kg		110	70 - 130	9	35
Ethylbenzene	0.100	0.1170		mg/Kg		117	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2355		mg/Kg		118	70 - 130	7	35
o-Xylene	0.100	0.1144		mg/Kg		114	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-894-1 MS

Matrix: Solid

Analysis Batch: 1406

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 1402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.101	0.1044		mg/Kg		103	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-894-1 MS

Matrix: Solid

Analysis Batch: 1406

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 1402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	0.00445		0.101	0.1103		mg/Kg		105	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.1131		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.0145		0.202	0.2394		mg/Kg		111	70 - 130
o-Xylene	0.00273		0.101	0.1129		mg/Kg		109	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: 880-894-1 MSD

Matrix: Solid

Analysis Batch: 1406

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 1402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1008		mg/Kg		100	70 - 130	4	35
Toluene	0.00445		0.100	0.1067		mg/Kg		102	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1078		mg/Kg		106	70 - 130	5	35
m-Xylene & p-Xylene	0.0145		0.201	0.2276		mg/Kg		106	70 - 130	5	35
o-Xylene	0.00273		0.100	0.1068		mg/Kg		104	70 - 130	6	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-1271/1-A

Matrix: Solid

Analysis Batch: 1267

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1271

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/03/21 10:28	04/03/21 21:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/03/21 10:28	04/03/21 21:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/03/21 10:28	04/03/21 21:22	1
Total TPH	<50.0	U	50.0	mg/Kg		04/03/21 10:28	04/03/21 21:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/03/21 10:28	04/03/21 21:22	1
o-Terphenyl	102		70 - 130			04/03/21 10:28	04/03/21 21:22	1

Lab Sample ID: LCS 880-1271/2-A

Matrix: Solid

Analysis Batch: 1267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1202		mg/Kg		120	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-1271/2-A

Matrix: Solid

Analysis Batch: 1267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1271

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	1015		mg/Kg		101	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	94		70 - 130								

Lab Sample ID: LCSD 880-1271/3-A

Matrix: Solid

Analysis Batch: 1267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1271

Top Data: 12/1										
Analyte			Spike	LCSD	LCSD				%Rec.	RPD
			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Gasoline Range Organics (GRO)-C6-C10			1000	1234		mg/Kg		123	70 - 130	3
Diesel Range Organics (Over C10-C28)			1000	1014		mg/Kg		101	70 - 130	0
Bottom Data: 12/1										
Surrogate			LCSD	LCSD						
	%Recovery	Qualifier	Limits							
1-Chlorooctane	117		70 - 130							
o-Terphenyl	92		70 - 130							

Lab Sample ID: 890-482-A-1-C MS

Matrix: Solid

Analysis Batch: 1267

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1271

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1177		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)	222		1000	1017		mg/Kg		79	70 - 130		

Lab Sample ID: 890-482-A-1-D MSD

Matrix: Solid

Analysis Batch: 1267

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1271

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1129		mg/Kg		113	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	222		998	1019		mg/Kg		80	70 - 130	0	20
				</							

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-1303/1-A

Matrix: Solid

Analysis Batch: 1310

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1303

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 15:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 15:03	1
Total TPH	<50.0	U	50.0	mg/Kg		04/05/21 09:24	04/05/21 15:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	04/05/21 09:24	04/05/21 15:03	1
o-Terphenyl	124		70 - 130	04/05/21 09:24	04/05/21 15:03	1

Lab Sample ID: LCS 880-1303/2-A

Matrix: Solid

Analysis Batch: 1310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1426	*+	mg/Kg		143	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1198		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: LCSD 880-1303/3-A

Matrix: Solid

Analysis Batch: 1310

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1303

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1308	*+	mg/Kg		131	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1154		mg/Kg		115	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-894-1 MS

Matrix: Solid

Analysis Batch: 1310

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 1303

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	1000	1212		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1151		mg/Kg		115	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-894-1 MS

Matrix: Solid

Analysis Batch: 1310

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 1303

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-894-1 MSD

Matrix: Solid

Analysis Batch: 1310

Client Sample ID: BF-1

Prep Type: Total/NA

Prep Batch: 1303

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	998	1245		mg/Kg		125	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1211		mg/Kg		121	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	96		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1724/1-A

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/15/21 23:25	1

Lab Sample ID: LCS 880-1724/2-A

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	254.5		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-1724/3-A

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	253.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-896-A-1-F MS

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.43	F1	248	223.2	F1	mg/Kg		88	90 - 110

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-896-A-1-G MSD

Matrix: Solid

Analysis Batch: 1852

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.43	F1	248	222.6	F1	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

GC VOA

Prep Batch: 1402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-1	BF-1	Total/NA	Solid	5035	
880-894-2	BF-2	Total/NA	Solid	5035	
880-894-3	BF-3	Total/NA	Solid	5035	
880-894-4	BF-4	Total/NA	Solid	5035	
880-894-5	BF-5	Total/NA	Solid	5035	
880-894-6	BF-6	Total/NA	Solid	5035	
880-894-7	BF-7	Total/NA	Solid	5035	
MB 880-1402/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1402/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1402/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-894-1 MS	BF-1	Total/NA	Solid	5035	
880-894-1 MSD	BF-1	Total/NA	Solid	5035	

Analysis Batch: 1406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-1	BF-1	Total/NA	Solid	8021B	1402
880-894-2	BF-2	Total/NA	Solid	8021B	1402
880-894-3	BF-3	Total/NA	Solid	8021B	1402
880-894-4	BF-4	Total/NA	Solid	8021B	1402
880-894-5	BF-5	Total/NA	Solid	8021B	1402
880-894-6	BF-6	Total/NA	Solid	8021B	1402
880-894-7	BF-7	Total/NA	Solid	8021B	1402
MB 880-1402/5-A	Method Blank	Total/NA	Solid	8021B	1402
LCS 880-1402/1-A	Lab Control Sample	Total/NA	Solid	8021B	1402
LCSD 880-1402/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1402
880-894-1 MS	BF-1	Total/NA	Solid	8021B	1402
880-894-1 MSD	BF-1	Total/NA	Solid	8021B	1402

GC Semi VOA

Analysis Batch: 1267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-7	BF-7	Total/NA	Solid	8015B NM	1271
MB 880-1271/1-A	Method Blank	Total/NA	Solid	8015B NM	1271
LCS 880-1271/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1271
LCSD 880-1271/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1271
890-482-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	1271
890-482-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	1271

Prep Batch: 1271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-7	BF-7	Total/NA	Solid	8015NM Prep	
MB 880-1271/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1271/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1271/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-482-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-482-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 1303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-1	BF-1	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

GC Semi VOA (Continued)

Prep Batch: 1303 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-2	BF-2	Total/NA	Solid	8015NM Prep	
880-894-3	BF-3	Total/NA	Solid	8015NM Prep	
880-894-4	BF-4	Total/NA	Solid	8015NM Prep	
880-894-5	BF-5	Total/NA	Solid	8015NM Prep	
880-894-6	BF-6	Total/NA	Solid	8015NM Prep	
MB 880-1303/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1303/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1303/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-894-1 MS	BF-1	Total/NA	Solid	8015NM Prep	
880-894-1 MSD	BF-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 1310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-1	BF-1	Total/NA	Solid	8015B NM	1303
880-894-2	BF-2	Total/NA	Solid	8015B NM	1303
880-894-3	BF-3	Total/NA	Solid	8015B NM	1303
880-894-4	BF-4	Total/NA	Solid	8015B NM	1303
880-894-5	BF-5	Total/NA	Solid	8015B NM	1303
880-894-6	BF-6	Total/NA	Solid	8015B NM	1303
MB 880-1303/1-A	Method Blank	Total/NA	Solid	8015B NM	1303
LCS 880-1303/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1303
LCSD 880-1303/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1303
880-894-1 MS	BF-1	Total/NA	Solid	8015B NM	1303
880-894-1 MSD	BF-1	Total/NA	Solid	8015B NM	1303

HPLC/IC

Leach Batch: 1724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-1	BF-1	Soluble	Solid	DI Leach	
880-894-2	BF-2	Soluble	Solid	DI Leach	
880-894-3	BF-3	Soluble	Solid	DI Leach	
880-894-4	BF-4	Soluble	Solid	DI Leach	
880-894-5	BF-5	Soluble	Solid	DI Leach	
880-894-6	BF-6	Soluble	Solid	DI Leach	
880-894-7	BF-7	Soluble	Solid	DI Leach	
MB 880-1724/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1724/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1724/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-896-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-896-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 1852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-894-1	BF-1	Soluble	Solid	300.0	1724
880-894-2	BF-2	Soluble	Solid	300.0	1724
880-894-3	BF-3	Soluble	Solid	300.0	1724
880-894-4	BF-4	Soluble	Solid	300.0	1724
880-894-5	BF-5	Soluble	Solid	300.0	1724
880-894-6	BF-6	Soluble	Solid	300.0	1724
880-894-7	BF-7	Soluble	Solid	300.0	1724

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

HPLC/IC (Continued)

Analysis Batch: 1852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-1724/1-A	Method Blank	Soluble	Solid	300.0	1724
LCS 880-1724/2-A	Lab Control Sample	Soluble	Solid	300.0	1724
LCSD 880-1724/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1724
880-896-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	1724
880-896-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	1724

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Client Sample ID: BF-1

Lab Sample ID: 880-894-1

Date Collected: 03/30/21 11:40

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1402	04/06/21 13:00	MR	XM
Total/NA	Analysis	8021B		1	1406	04/06/21 19:53	MR	XM
Total/NA	Prep	8015NM Prep			1303	04/05/21 09:24	DM	XM
Total/NA	Analysis	8015B NM		1	1310	04/05/21 16:07	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:00	SC	XM

Client Sample ID: BF-2

Lab Sample ID: 880-894-2

Date Collected: 03/30/21 11:43

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1402	04/06/21 13:00	MR	XM
Total/NA	Analysis	8021B		1	1406	04/06/21 20:14	MR	XM
Total/NA	Prep	8015NM Prep			1303	04/05/21 09:24	DM	XM
Total/NA	Analysis	8015B NM		1	1310	04/05/21 20:01	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:05	SC	XM

Client Sample ID: BF-3

Lab Sample ID: 880-894-3

Date Collected: 03/30/21 11:45

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1402	04/06/21 13:00	MR	XM
Total/NA	Analysis	8021B		1	1406	04/06/21 20:34	MR	XM
Total/NA	Prep	8015NM Prep			1303	04/05/21 09:24	DM	XM
Total/NA	Analysis	8015B NM		1	1310	04/05/21 23:13	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:11	SC	XM

Client Sample ID: BF-4

Lab Sample ID: 880-894-4

Date Collected: 03/30/21 11:48

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1402	04/06/21 13:00	MR	XM
Total/NA	Analysis	8021B		1	1406	04/06/21 20:55	MR	XM
Total/NA	Prep	8015NM Prep			1303	04/05/21 09:24	DM	XM
Total/NA	Analysis	8015B NM		1	1310	04/05/21 23:34	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:26	SC	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Client Sample ID: BF-5

Lab Sample ID: 880-894-5

Date Collected: 03/30/21 11:51

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1402	04/06/21 13:00	MR	XM
Total/NA	Analysis	8021B		1	1406	04/06/21 21:15	MR	XM
Total/NA	Prep	8015NM Prep			1303	04/05/21 09:24	DM	XM
Total/NA	Analysis	8015B NM		1	1310	04/05/21 23:55	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:31	SC	XM

Client Sample ID: BF-6

Lab Sample ID: 880-894-6

Date Collected: 03/30/21 12:03

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1402	04/06/21 13:00	MR	XM
Total/NA	Analysis	8021B		1	1406	04/06/21 21:35	MR	XM
Total/NA	Prep	8015NM Prep			1303	04/05/21 09:24	DM	XM
Total/NA	Analysis	8015B NM		1	1310	04/05/21 18:36	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:36	SC	XM

Client Sample ID: BF-7

Lab Sample ID: 880-894-7

Date Collected: 03/30/21 12:05

Matrix: Solid

Date Received: 03/31/21 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1402	04/06/21 13:00	MR	XM
Total/NA	Analysis	8021B		1	1406	04/06/21 21:56	MR	XM
Total/NA	Prep	8015NM Prep			1271	04/03/21 10:28	DM	XM
Total/NA	Analysis	8015B NM		1	1267	04/04/21 06:06	AJ	XM
Soluble	Leach	DI Leach			1724	04/13/21 12:26	CH	XM
Soluble	Analysis	300.0		1	1852	04/16/21 00:41	SC	XM

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: SD Pad 15

Job ID: 880-894-1
SDG: 19-0154-01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-894-1	BF-1	Solid	03/30/21 11:40	03/31/21 09:52	
880-894-2	BF-2	Solid	03/30/21 11:43	03/31/21 09:52	
880-894-3	BF-3	Solid	03/30/21 11:45	03/31/21 09:52	
880-894-4	BF-4	Solid	03/30/21 11:48	03/31/21 09:52	
880-894-5	BF-5	Solid	03/30/21 11:51	03/31/21 09:52	
880-894-6	BF-6	Solid	03/30/21 12:03	03/31/21 09:52	
880-894-7	BF-7	Solid	03/30/21 12:05	03/31/21 09:52	

Arson & Associates, Inc.
Environmental Consultants

5C

880-894 Chain of Custody
MILWAUKEE, WI 53201
432-687-0901



1/31/2021

894

CHAIN-OF-CUSTODY

No 1467

PAGE 1 OF 1

Data Reported to

PROJECT LOCATION OR NAME: SD PAD 15
LAI PROJECT #: 19-0154-01

COLLECTOR: DSG

LAB WORK ORDER#:

TRRP report? ☐ Yes ☒ No
TIME ZONE
Time zone/State
MST / NM

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

PRESERVATION

HCl
HNO₃
H₂SO₄ ☐ NaOH ☐
ICE
UNPRESERVED

ANALYSES

BTXES ☐ MTBE ☐
TPH 418 ☐ TPH 1005 ☐ TPH 1006 ☐
GASOLINE MOD 8015 ☐
DIESEL - MOD 8015 ☐
OIL - MOD 8015 ☐
VOC 8260 ☐
SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐
8081 PESTICIDES ☐ 8151 HERBICIDES ☐
TBLP - METALS (RCRA) ☐ TCLP VOC ☐
TCLP - PEST ☐ HERB ☐ Semi-VOC ☐
TOTAL METALS (RCRA) ☐ OTHER LIST ☐
LEAD - TOTAL ☐ DW 200.8 ☐ TCLP ☐
RCI ☐ TOX ☐ FLASHPOINT ☐
TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐
pH ☐ HEXAVALENT CHROMIUM ☐
EXPLOSIVES ☐ PETCHLORATE ☐
CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐

FIELD NOTES

Field Sample ID	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	TURN AROUND TIME	LABORATORY USE ONLY
BE-1		3/30/21	1140	S	1				X		BTXES ☐ MTBE ☐ TPH 418 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ TBLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ DW 200.8 ☐ TCLP ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PETCHLORATE ☐ CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	NORMAL ☒ 1 DAY ☐ 2 DAY ☐ OTHER ☐	RECEIVING TEMP 1318 THERM# 146
BE-2			1143										
BE-3			1145										
BE-4			1148										
BE-5			1151										
BE-6			1203										
BE-7			1205										
TOTAL	7												
RELINQUISHED BY (Signature)		DATE/TIME 3/31/2021 0452											
RELINQUISHED BY (Signature)		DATE/TIME											
RELINQUISHED BY (Signature)		DATE/TIME											
LABORATORY XENDU													

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-894-1

SDG Number: 19-0154-01

Login Number: 894

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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 29409

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 29409
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	8/4/2021