Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2311640670
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>101.5 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2311640670
District RP	
Facility ID	
Application ID	

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

Printed Name: Amy Barnhill Title: Environmental Advisor

Signature: Amy Barnhill Date: 6-21-23

email: ABarnhill@chevron.com Telephone: 432-687-7723

OCD Only

Received by: Shelly Wells Date: 6/22/2023

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2311640670
District RP	
Facility ID	
Application ID	

Remediation Plan

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

- [x] Detailed description of proposed remediation technique
- [x] Scaled sitemap with GPS coordinates showing delineation points
- [x] Estimated volume of material to be remediated
- [x] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [x] 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: Environmental Advisor

Signature: Amy Barnhill Date: 6-21-23

email: ABarnhill@chevron.com Telephone: 432-687-7723

OCD Only

Received by: Shelly Wells Date: 6/22/2023

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: Nelson Velez Date: 09/19/2023

Remediation plan is approved as written. Chevron has 60-days (November 20, 2023) to submit its appropriate or final closure report.

Tracking Number: nAPP2311640670
Delineation Report and Remediation Plan
Salado Draw CTB 24
Produced Water Release
Lea County, New Mexico

Latitude: N 32.023372°
Longitude: W -103.627966°

LAI Project No. 23-0102-03

June 9, 2023

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, P.G.
Certified Professional Geologist #10490

Robert Nelson
Sr. Geologist

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Table of Contents

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI), has prepared this delineation report and remediation plan on behalf of Chevron USA. Inc. (Chevron) for submittal to the New Mexico Oil Conservation Division (NMOCD) District I for a produced water release at the Salado Draw CTB 24 (Site) located in Unit M (SW/SW), Section 24, Township 26 South, Range 32 East in Lea County New Mexico. The geodetic position is North 32.035531° and West -103.638179°. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The release was discovered on April 13,2023, due to an underground line rupture. Chevron reported that 136.92 barrels (bbls) of produced water were released, with 120 bbls of produced water recovered. The affected area measures approximately 347 square feet. Chevron personnel excavated soil to a depth of approximately five (5) feet below ground surface (bgs) to allow for line repairs to be completed. Approximately 60 cubic yards of impacted material was hauled to the Milestone Environmental Services - Orla Facility. The initial C-141 was submitted to NMOCD District I on April 27, 2023. The release was assigned incident number nAPP2311640670. Appendix A presents the Chevron spill calculation and spill map.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,136 feet above mean sea level (msl).
- The surface topography gradually decreases to the southwest.
- 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, 0 to 3 percent slopes, consisting of 0 to 30 inches of fine sand, underlain by 30 to 60 inches of fine sandy loam.
- The geology consists of Quaternary age- sand and silt sheets and locally includes cover sand (USGS).
- Groundwater occurs at a depth greater than 101.5 feet bgs based on depth to groundwater measurements taken 72 hours after installing a boring (SB-01) on April 14, 2020, approximately 0.40 miles from the Site.

Figure 3 presents the soil boring location. Appendix B presents USGS data depicting karst risk 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 as presented in Table 1 of 19.15.29 NMAC:

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg

- TPH 2,500 mg/Kg
- Chloride 20,000 mg/Kg

Further, 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 May 25, 2023, LAI personnel used a stainless-steel hand auger to collect soil samples from four (4) locations outside of the spill area (S-1 through S-4) in each cardinal direction. The samples were collected at a depth of 0 to 1 foot bgs. LAI personnel also collected five (5) 5-spot composite confirmation soil samples (C-1 through C-5) from the bottom and sidewalls of the excavated area. The samples were delivered under chain of custody and preservation to Eurofins-Xenco Laboratories (Xenco) in Midland, Texas, which analyzed the samples for benzene, toluene, ethylbenzene, and xylenes (BTEX) and total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35), by EPA SW-846 Methods 8021B and 8015M, respectively, and chloride by EPA Method M300.

Benzene, BTEX, and TPH were reported below the NMOCD remediation standards in Table 1 (19.15.29 NMAC) of 10 milligrams per kilogram (mg/Kg), 50 mg/Kg, and 100 mg/Kg respectively. Chloride exceeded the NMOCD delineation/remediation limit of 600 mg/Kg in the following confirmation samples:

Sample ID	Location	Depth (Feet)	Chloride Concentration (mg/Kg)
C-3	Sidewall	0 - 5	3,610
C-5	Sidewall	0 - 5	2,680

Figure 2 presents an aerial map showing the sample locations. Appendix D presents the laboratory reports. Appendix E presents the photographic documentation.

3.0 REMEDIATION PLAN

Chevron proposes the following remedial actions:

- Excavate soil an additional one (1) foot from an area measuring approximately 400 square feet encompassing sidewall samples C-3 and C-5.
- LAI personnel will field test concurrently with excavation activities to determine if further excavation is necessary.
- Collect five (5) 5-point composite bottom and sidewall confirmation soil samples every 200 square feet and analyze for BTEX, TPH and chloride to confirm concentrations below the NMOCD closure

criteria in Table 1 (19.15.29 NMAC) for groundwater occurring at a depth greater than 100 feet bgs.

- Backfill excavation with clean topsoil within the pipeline right of way (ROW) assuming achievement of NMOCD remediation levels.
- Seed backfilled area with BLM Mix #2.
- Prepare report with photographs for submittal to NMOCD District I.

Figure 4 presents the proposed excavation areas.

Tables

Table 1
Soil Sample Analytical Data Summary
Chevron - Salado Draw CTB 24
Lea County, New Mexico
32° 01' 21.59" N, 103° 38' 00.54" W

Sample	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)
Delineation Limit:				**10**	**50**				**100/2,500**	**600/20,000**
S-1	0 - 1	5/25/2023	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	263
S-2	0 - 1	5/25/223	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	76.2
S-3	0 - 1	5/25/223	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	119
S-4	0 - 1	5/25/223	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	436
C-1	5	5/25/223	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	569
C-2	5	5/25/223	In-Situ	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	164
C-3	0 - 5	5/25/223	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	**3,610**
C-4	0 - 5	5/25/223	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	240
C-5	0 - 5	5/25/223	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	**2,680**

Notes: Analysis performed by Xenco Laboratories in Midland, Texas by EPA SW-846 8021B (BTEX), 8015M (TPH), and 300E (Chloride)
Depth in feet below ground surface (bgs)
mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)
<: denotes concentration less than analytical method reporting limit
Bold and Highlighted exceeds OCD remediation action limits

Figures

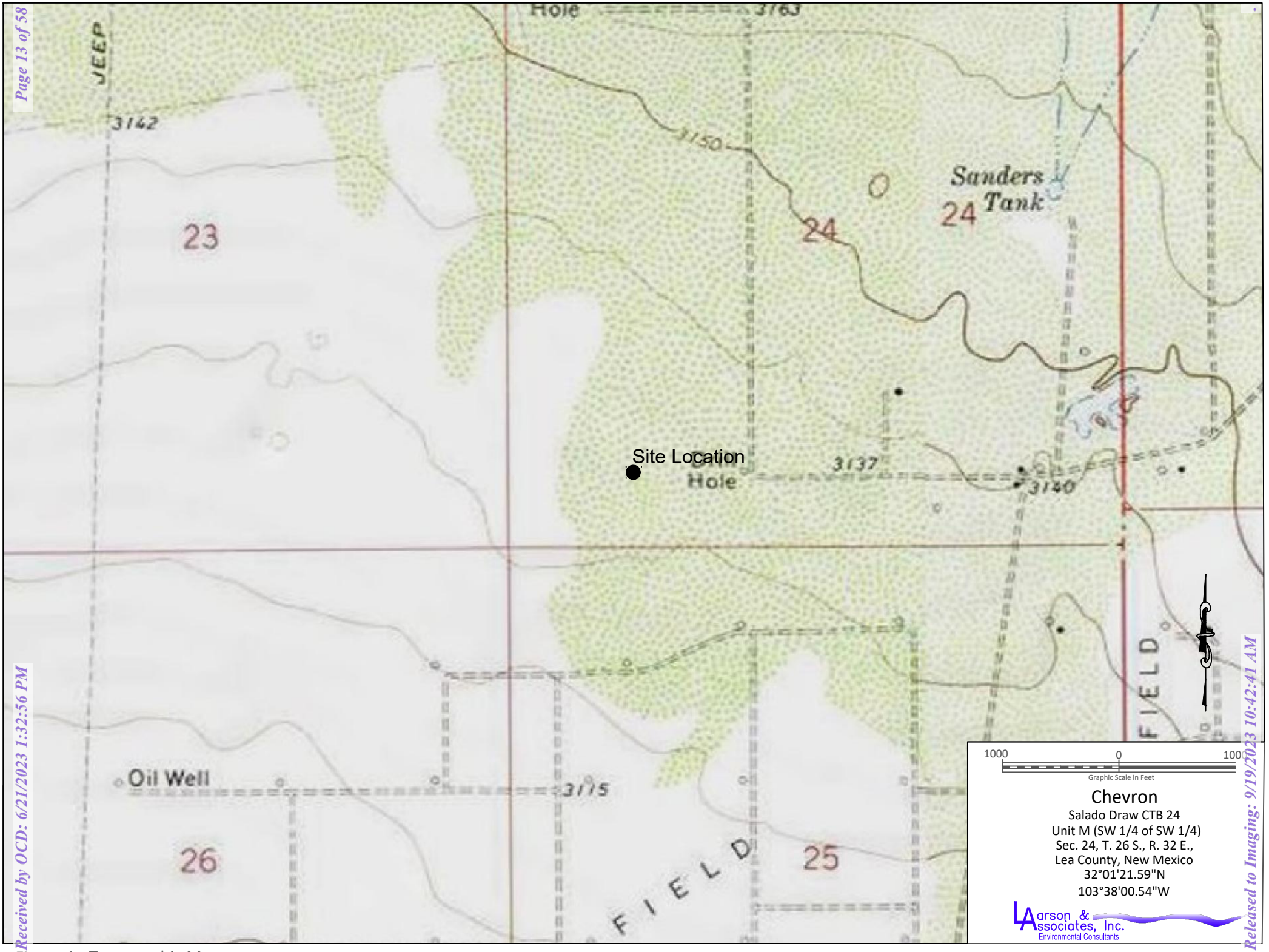


Figure 1 - Topographic Map

Figure 2 - Aerial Map

Figure 3- Aerial Map Showing Soil Bore Location

Figure 4- Aerial Map Showing Proposed Excavation Area

Appendix A

Chevron Initial C-141 and Spill Calculation

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	nAPP2311640670
District RP	
Facility ID	fAPP2131330825
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron U.S.A., Inc.	OGRID: 4323
Contact Name: Catherine Smith	Contact Telephone: 432-967-9487
Contact email: catherinesmith@chevron.com	Incident # nAPP2311640670
Contact mailing address:6301 Deauville Blvd Midland, TX 79706	

Location of Release Source

Latitude: 32.023372 Longitude: -103.627966
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Salado Draw CTB 24	Site Type: Oil
Date Release Discovered: 4/13/2023	API# *(if applicable):*

Unit Letter	Section	Township	Range	County
O	24	26S	32E	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	Volume Released (bbls): 136.92	Volume Recovered (bbls): 120
	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)

Cause of Release:

Underground line rupture.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2311640670
District RP	
Facility ID	fAPP2131330825
Application ID	

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? Release over 25 bbl.

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

Yes, by Catherine Smith to Mike Bratcher 4/14/2023 by email.

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.

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: ____Catherine Smith_____ Title: _Lead Environmental Specialist, Field Support _____

Signature: _____ Date: 4/27/2023_____

email: _____catherinesmith@chevron.com _____ Telephone: ____432-967-9487_____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2311640670
District RP	
Facility ID	fAPP2131330825
Application ID	

Spill Calculations:

	Horizontal Dimensions			Vertical Dimensions		Calculated Volume		
	Diameter (feet)	Length (feet)	Width (feet)	Abovegrade Depth (feet)	Belowgrade Depth (feet)	Water Cut (%)	Water (ft^3)	Barrels Water
Area 1		150	20	0.25	0.041666667		768.75	136.920525

Appendix B

Karst Risk Potential


Salado Draw CTB 24
Medium

Appendix C

Soil Boring Log

BORING RECORD

Start: 10:35 MDT
Finish: 15:15

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG
	0–5	Silty Sand, 5YR 5/4, Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted, Dry	ML	
	5–25	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted, Dry	Caliche	
	25–30	Silty Sand, 5YR 5/4, Reddish Brown, Fine Grained Quartz Sand with Caliche Clasts (~10mm), Poorly Sorted	ML	
	30–39	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted with Subangular Clasts (~10mm)	Caliche	
	39–60	Silty Sand, 5YR 6/4, Light Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted with Subangular Caliche Clasts (~10mm)	ML	

PID READING: PPM X _____ (2 4 6 8 10 12 14 16 18)

SAMPLE

NUMBER	PID READING	RECOVERY	DEPTH
1			5–7
2			25
3			30
4			39

REMARKS: BACKGROUND PID READING
SOIL : _____ PPM
SOIL : _____ PPM

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
LABORATORY TEST LOCATION
PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

JOB NUMBER : Chevron/ 19-0180-01
HOLE DIAMETER : 2"
LOCATION : Salado Draw 24 CTB 32.0250583°, -103.6342389°
LAI GEOLOGIST : E. Chavez
DRILLING CONTRACTOR : Scarborough
DRILLING METHOD : Air Rotary

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 04-14-2020

BORING NUMBER : SB-01

BORING RECORD

Start: 10:35 MDT
Finish: 15:15

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X (2 4 6 8 10 12 14 16 18)	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING (SOIL : PPM, 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					6			100	
		TD:101.5' *Dry After 72 Hours*							101.5	
	105								105	

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 04-14-2020

BORING NUMBER : SB-01

JOB NUMBER : Chevron/ 19-0180-01
HOLE DIAMETER : 2"
LOCATION : Salado Draw 24 CTB 32.0250583°, -103.6342389°
LAI GEOLOGIST : E. Chavez
DRILLING CONTRACTOR : Scarborough
DRILLING METHOD : Air Rotary

Appendix D

Laboratory Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 6/5/2023 2:30:10 PM

JOB DESCRIPTION

Salado Draw 24 CTB
SDG NUMBER 23-0102-03

JOB NUMBER

880-28878-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

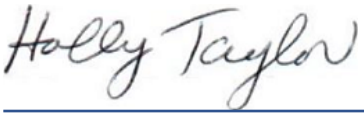
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/5/2023 2:30:10 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Laboratory Job ID: 880-28878-1
SDG: 23-0102-03

Table of Contents

Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-28878-1
Project/Site: Salado Draw 24 CTB SDG: 23-0102-03

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control 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: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Job ID: 880-28878-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-28878-1

Receipt
The samples were received on 5/30/2023 8:51 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 -11.3°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1, 0-1' (880-28878-1), S-2, 0-1' (880-28878-2), S-3, 0-1' (880-28878-3), S-4, 0-1' (880-28878-4), C-1, 5' (880-28878-5), C-2, 5' (880-28878-6), C-3, 0-5' (880-28878-7), C-4, 0-5' (880-28878-8) and C-5, 0-5' (880-28878-9).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-54618 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-54618/2) and (CCV 880-54618/20).

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-54500 and analytical batch 880-54618 was outside the control limits.

Method 8021B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-54500 and analytical batch 880-54618 recovered outside control limits for the following analytes: Benzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-54430 and analytical batch 880-54330 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-54464 and analytical batch 880-54516 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: S-1, 0-1'

Lab Sample ID: 880-28878-1
Matrix: Solid
Date Collected: 05/25/23 12:00
Date Received: 05/30/23 08:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/31/23 13:23	06/02/23 18:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 18:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 18:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/31/23 13:23	06/02/23 18:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 18:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/31/23 13:23	06/02/23 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/31/23 13:23*	*06/02/23 18:33*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*05/31/23 13:23*	*06/02/23 18:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/23 13:03	1

Method: SW846 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		05/30/23 16:10	05/30/23 21:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/30/23 21:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/30/23 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*05/30/23 16:10*	*05/30/23 21:36*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*05/30/23 16:10*	*05/30/23 21:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**263**	**F1**	4.97		mg/Kg			05/31/23 14:41	1

Client Sample ID: S-2, 0-1'

Lab Sample ID: 880-28878-2
Matrix: Solid
Date Collected: 05/25/23 12:10
Date Received: 05/30/23 08:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/31/23 13:23	06/02/23 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 18:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/31/23 13:23	06/02/23 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 18:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/31/23 13:23	06/02/23 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/31/23 13:23*	*06/02/23 18:59*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/31/23 13:23*	*06/02/23 18:59*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: S-2, 0-1'

Date Collected: 05/25/23 12:10
Date Received: 05/30/23 08:51

Lab Sample ID: 880-28878-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/31/23 13:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 21:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 21:57	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*05/30/23 16:10*	*05/30/23 21:57*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*05/30/23 16:10*	*05/30/23 21:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.2**		5.03		mg/Kg			05/31/23 14:57	1

Client Sample ID: S-3, 0-1'

Date Collected: 05/25/23 12:20
Date Received: 05/30/23 08:51

Lab Sample ID: 880-28878-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/31/23 13:23	06/02/23 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 19:26	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/31/23 13:23	06/02/23 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 19:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/31/23 13:23	06/02/23 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/31/23 13:23*	*06/02/23 19:26*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*05/31/23 13:23*	*06/02/23 19:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/31/23 13:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 22:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 22:19	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: S-3, 0-1'

Lab Sample ID: 880-28878-3
Matrix: Solid
Date Collected: 05/25/23 12:20
Date Received: 05/30/23 08:51

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*05/30/23 16:10*	*05/30/23 22:19*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*05/30/23 16:10*	*05/30/23 22:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		5.02		mg/Kg			05/31/23 15:03	1

Client Sample ID: S-4, 0-1'

Lab Sample ID: 880-28878-4
Matrix: Solid
Date Collected: 05/25/23 12:30
Date Received: 05/30/23 08:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/31/23 13:23	06/02/23 19:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 19:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 19:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/31/23 13:23	06/02/23 19:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 19:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/31/23 13:23	06/02/23 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/31/23 13:23*	*06/02/23 19:52*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/31/23 13:23*	*06/02/23 19:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/23 13:03	1

Method: SW846 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		05/30/23 16:10	05/30/23 22:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/30/23 22:41	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/30/23 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*05/30/23 16:10*	*05/30/23 22:41*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/30/23 16:10*	*05/30/23 22:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**436**		4.97		mg/Kg			05/31/23 15:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: C-1, 5'

Lab Sample ID: 880-28878-5
Matrix: Solid
Date Collected: 05/25/23 12:40
Date Received: 05/30/23 08:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/31/23 13:23	06/02/23 20:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 20:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 20:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/31/23 13:23	06/02/23 20:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/31/23 13:23	06/02/23 20:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/31/23 13:23	06/02/23 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*05/31/23 13:23*	*06/02/23 20:18*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/31/23 13:23*	*06/02/23 20:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/31/23 13:03	1

Method: SW846 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		05/30/23 16:10	05/30/23 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/30/23 16:10	05/30/23 23:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/30/23 16:10	05/30/23 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*05/30/23 16:10*	*05/30/23 23:24*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*05/30/23 16:10*	*05/30/23 23:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**569**		5.01		mg/Kg			05/31/23 15:13	1

Client Sample ID: C-2, 5'

Lab Sample ID: 880-28878-6
Matrix: Solid
Date Collected: 05/25/23 12:50
Date Received: 05/30/23 08:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/31/23 13:23	06/02/23 20:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/31/23 13:23	06/02/23 20:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/31/23 13:23	06/02/23 20:45	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/31/23 13:23	06/02/23 20:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/31/23 13:23	06/02/23 20:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/31/23 13:23	06/02/23 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/31/23 13:23*	*06/02/23 20:45*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/31/23 13:23*	*06/02/23 20:45*	*1*

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: C-2, 5'

Date Collected: 05/25/23 12:50
Date Received: 05/30/23 08:51

Lab Sample ID: 880-28878-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/31/23 13:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 23:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 23:46	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/30/23 16:10	05/30/23 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*05/30/23 16:10*	*05/30/23 23:46*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*05/30/23 16:10*	*05/30/23 23:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**164**		4.95		mg/Kg			05/31/23 16:18	1

Client Sample ID: C-3, 0-5'

Date Collected: 05/25/23 13:00
Date Received: 05/30/23 08:51

Lab Sample ID: 880-28878-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		05/31/23 13:23	06/02/23 21:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/31/23 13:23	06/02/23 21:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/31/23 13:23	06/02/23 21:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/31/23 13:23	06/02/23 21:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/31/23 13:23	06/02/23 21:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/31/23 13:23	06/02/23 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/31/23 13:23*	*06/02/23 21:11*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/31/23 13:23*	*06/02/23 21:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/23 13:03	1

Method: SW846 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		05/30/23 16:10	05/31/23 00:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/31/23 00:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: C-3, 0-5'

Lab Sample ID: 880-28878-7
Matrix: Solid
Date Collected: 05/25/23 13:00
Date Received: 05/30/23 08:51

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/31/23 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*05/30/23 16:10*	*05/31/23 00:08*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*05/30/23 16:10*	*05/31/23 00:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3610**		24.8		mg/Kg			05/31/23 16:23	5

Client Sample ID: C-4, 0-5'

Lab Sample ID: 880-28878-8
Matrix: Solid
Date Collected: 05/25/23 13:10
Date Received: 05/30/23 08:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/31/23 13:23	06/02/23 21:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 21:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 21:37	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/31/23 13:23	06/02/23 21:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 21:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/31/23 13:23	06/02/23 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*05/31/23 13:23*	*06/02/23 21:37*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/31/23 13:23*	*06/02/23 21:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/23 13:03	1

Method: SW846 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		05/30/23 16:10	05/31/23 00:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/31/23 00:30	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/31/23 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*05/30/23 16:10*	*05/31/23 00:30*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*05/30/23 16:10*	*05/31/23 00:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		5.05		mg/Kg			05/31/23 16:28	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: C-5, 0-5'
Date Collected: 05/25/23 13:20
Date Received: 05/30/23 08:51

Lab Sample ID: 880-28878-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/31/23 13:23	06/02/23 22:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/31/23 13:23	06/02/23 22:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/31/23 13:23	06/02/23 22:04	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/31/23 13:23	06/02/23 22:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/31/23 13:23	06/02/23 22:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/31/23 13:23	06/02/23 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/31/23 13:23*	*06/02/23 22:04*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/31/23 13:23*	*06/02/23 22:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/05/23 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/31/23 13:03	1

Method: SW846 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		05/30/23 16:10	05/31/23 00:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/31/23 00:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/30/23 16:10	05/31/23 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*05/30/23 16:10*	*05/31/23 00:51*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/30/23 16:10*	*05/31/23 00:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2680**		25.3		mg/Kg			05/31/23 16:34	5

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

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)
880-28878-1	S-1, 0-1'	99	88
880-28878-2	S-2, 0-1'	105	90
880-28878-3	S-3, 0-1'	105	91
880-28878-4	S-4, 0-1'	111	90
880-28878-5	C-1, 5'	115	104
880-28878-6	C-2, 5'	112	96
880-28878-7	C-3, 0-5'	111	92
880-28878-8	C-4, 0-5'	104	98
880-28878-9	C-5, 0-5'	112	99
LCS 880-54500/1-A	Lab Control Sample	95	103
LCSD 880-54500/2-A	Lab Control Sample Dup	97	110
MB 880-54500/5-A	Method Blank	67 S1-	93

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)
880-28878-1	S-1, 0-1'	113	122
880-28878-2	S-2, 0-1'	113	123
880-28878-3	S-3, 0-1'	113	121
880-28878-4	S-4, 0-1'	97	107
880-28878-5	C-1, 5'	98	108
880-28878-6	C-2, 5'	105	102
880-28878-7	C-3, 0-5'	114	122
880-28878-8	C-4, 0-5'	116	127
880-28878-9	C-5, 0-5'	95	107
LCS 880-54430/2-A	Lab Control Sample	74	83
LCSD 880-54430/3-A	Lab Control Sample Dup	80	90
MB 880-54430/1-A	Method Blank	118	132 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-54500/5-A
Matrix: Solid
Analysis Batch: 54618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 54500

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 12:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 12:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 12:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/31/23 13:23	06/02/23 12:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/31/23 13:23	06/02/23 12:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/31/23 13:23	06/02/23 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*05/31/23 13:23*	*06/02/23 12:21*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/31/23 13:23*	*06/02/23 12:21*	*1*

Lab Sample ID: LCS 880-54500/1-A
Matrix: Solid
Analysis Batch: 54618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 54500

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1493	*+	mg/Kg		149	70 - 130		
Toluene			0.100	0.1264		mg/Kg		126	70 - 130		
Ethylbenzene			0.100	0.1114		mg/Kg		111	70 - 130		
m,p-Xylenes			0.200	0.2259		mg/Kg		113	70 - 130		
o-Xylene			0.100	0.1135		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-54500/2-A
Matrix: Solid
Analysis Batch: 54618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 54500

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1559	*+	mg/Kg		156	70 - 130	4	35
Toluene			0.100	0.1270		mg/Kg		127	70 - 130	0	35
Ethylbenzene			0.100	0.1233		mg/Kg		123	70 - 130	10	35
m,p-Xylenes			0.200	0.2419		mg/Kg		121	70 - 130	7	35
o-Xylene			0.100	0.1164		mg/Kg		116	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-54430/1-A
Matrix: Solid
Analysis Batch: 54330

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 54430

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		05/30/23 16:10	05/30/23 17:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/30/23 16:10	05/30/23 17:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/30/23 16:10	05/30/23 17:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*05/30/23 16:10*	*05/30/23 17:37*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*05/30/23 16:10*	*05/30/23 17:37*	*1*

Lab Sample ID: LCS 880-54430/2-A
Matrix: Solid
Analysis Batch: 54330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 54430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	871.3		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	764.2		mg/Kg		76	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*74*		*70 - 130*
o-Terphenyl (Surr)	*83*		*70 - 130*

Lab Sample ID: LCSD 880-54430/3-A
Matrix: Solid
Analysis Batch: 54330

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 54430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	971.6		mg/Kg		97	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	840.7		mg/Kg		84	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*90*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-54464/1-A
Matrix: Solid
Analysis Batch: 54516

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			05/31/23 14:25	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-54464/2-A
Matrix: Solid
Analysis Batch: 54516

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.0		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-54464/3-A
Matrix: Solid
Analysis Batch: 54516

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	250.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-28878-1 MS
Matrix: Solid
Analysis Batch: 54516

Client Sample ID: S-1, 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	263	F1	249	481.1	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-28878-1 MSD
Matrix: Solid
Analysis Batch: 54516

Client Sample ID: S-1, 0-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	263	F1	249	480.7	F1	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

GC VOA

Prep Batch: 54500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Total/NA	Solid	5035	
880-28878-2	S-2, 0-1'	Total/NA	Solid	5035	
880-28878-3	S-3, 0-1'	Total/NA	Solid	5035	
880-28878-4	S-4, 0-1'	Total/NA	Solid	5035	
880-28878-5	C-1, 5'	Total/NA	Solid	5035	
880-28878-6	C-2, 5'	Total/NA	Solid	5035	
880-28878-7	C-3, 0-5'	Total/NA	Solid	5035	
880-28878-8	C-4, 0-5'	Total/NA	Solid	5035	
880-28878-9	C-5, 0-5'	Total/NA	Solid	5035	
MB 880-54500/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-54500/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-54500/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 54618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Total/NA	Solid	8021B	54500
880-28878-2	S-2, 0-1'	Total/NA	Solid	8021B	54500
880-28878-3	S-3, 0-1'	Total/NA	Solid	8021B	54500
880-28878-4	S-4, 0-1'	Total/NA	Solid	8021B	54500
880-28878-5	C-1, 5'	Total/NA	Solid	8021B	54500
880-28878-6	C-2, 5'	Total/NA	Solid	8021B	54500
880-28878-7	C-3, 0-5'	Total/NA	Solid	8021B	54500
880-28878-8	C-4, 0-5'	Total/NA	Solid	8021B	54500
880-28878-9	C-5, 0-5'	Total/NA	Solid	8021B	54500
MB 880-54500/5-A	Method Blank	Total/NA	Solid	8021B	54500
LCS 880-54500/1-A	Lab Control Sample	Total/NA	Solid	8021B	54500
LCSD 880-54500/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	54500

Analysis Batch: 54757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Total/NA	Solid	Total BTEX	
880-28878-2	S-2, 0-1'	Total/NA	Solid	Total BTEX	
880-28878-3	S-3, 0-1'	Total/NA	Solid	Total BTEX	
880-28878-4	S-4, 0-1'	Total/NA	Solid	Total BTEX	
880-28878-5	C-1, 5'	Total/NA	Solid	Total BTEX	
880-28878-6	C-2, 5'	Total/NA	Solid	Total BTEX	
880-28878-7	C-3, 0-5'	Total/NA	Solid	Total BTEX	
880-28878-8	C-4, 0-5'	Total/NA	Solid	Total BTEX	
880-28878-9	C-5, 0-5'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 54330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Total/NA	Solid	8015B NM	54430
880-28878-2	S-2, 0-1'	Total/NA	Solid	8015B NM	54430
880-28878-3	S-3, 0-1'	Total/NA	Solid	8015B NM	54430
880-28878-4	S-4, 0-1'	Total/NA	Solid	8015B NM	54430
880-28878-5	C-1, 5'	Total/NA	Solid	8015B NM	54430
880-28878-6	C-2, 5'	Total/NA	Solid	8015B NM	54430
880-28878-7	C-3, 0-5'	Total/NA	Solid	8015B NM	54430

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

GC Semi VOA (Continued)

Analysis Batch: 54330 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-8	C-4, 0-5'	Total/NA	Solid	8015B NM	54430
880-28878-9	C-5, 0-5'	Total/NA	Solid	8015B NM	54430
MB 880-54430/1-A	Method Blank	Total/NA	Solid	8015B NM	54430
LCS 880-54430/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54430
LCSD 880-54430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54430

Prep Batch: 54430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Total/NA	Solid	8015NM Prep	
880-28878-2	S-2, 0-1'	Total/NA	Solid	8015NM Prep	
880-28878-3	S-3, 0-1'	Total/NA	Solid	8015NM Prep	
880-28878-4	S-4, 0-1'	Total/NA	Solid	8015NM Prep	
880-28878-5	C-1, 5'	Total/NA	Solid	8015NM Prep	
880-28878-6	C-2, 5'	Total/NA	Solid	8015NM Prep	
880-28878-7	C-3, 0-5'	Total/NA	Solid	8015NM Prep	
880-28878-8	C-4, 0-5'	Total/NA	Solid	8015NM Prep	
880-28878-9	C-5, 0-5'	Total/NA	Solid	8015NM Prep	
MB 880-54430/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-54430/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 54498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Total/NA	Solid	8015 NM	
880-28878-2	S-2, 0-1'	Total/NA	Solid	8015 NM	
880-28878-3	S-3, 0-1'	Total/NA	Solid	8015 NM	
880-28878-4	S-4, 0-1'	Total/NA	Solid	8015 NM	
880-28878-5	C-1, 5'	Total/NA	Solid	8015 NM	
880-28878-6	C-2, 5'	Total/NA	Solid	8015 NM	
880-28878-7	C-3, 0-5'	Total/NA	Solid	8015 NM	
880-28878-8	C-4, 0-5'	Total/NA	Solid	8015 NM	
880-28878-9	C-5, 0-5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 54464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Soluble	Solid	DI Leach	
880-28878-2	S-2, 0-1'	Soluble	Solid	DI Leach	
880-28878-3	S-3, 0-1'	Soluble	Solid	DI Leach	
880-28878-4	S-4, 0-1'	Soluble	Solid	DI Leach	
880-28878-5	C-1, 5'	Soluble	Solid	DI Leach	
880-28878-6	C-2, 5'	Soluble	Solid	DI Leach	
880-28878-7	C-3, 0-5'	Soluble	Solid	DI Leach	
880-28878-8	C-4, 0-5'	Soluble	Solid	DI Leach	
880-28878-9	C-5, 0-5'	Soluble	Solid	DI Leach	
MB 880-54464/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-54464/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-54464/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-28878-1 MS	S-1, 0-1'	Soluble	Solid	DI Leach	
880-28878-1 MSD	S-1, 0-1'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

HPLC/IC

Analysis Batch: 54516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28878-1	S-1, 0-1'	Soluble	Solid	300.0	54464
880-28878-2	S-2, 0-1'	Soluble	Solid	300.0	54464
880-28878-3	S-3, 0-1'	Soluble	Solid	300.0	54464
880-28878-4	S-4, 0-1'	Soluble	Solid	300.0	54464
880-28878-5	C-1, 5'	Soluble	Solid	300.0	54464
880-28878-6	C-2, 5'	Soluble	Solid	300.0	54464
880-28878-7	C-3, 0-5'	Soluble	Solid	300.0	54464
880-28878-8	C-4, 0-5'	Soluble	Solid	300.0	54464
880-28878-9	C-5, 0-5'	Soluble	Solid	300.0	54464
MB 880-54464/1-A	Method Blank	Soluble	Solid	300.0	54464
LCS 880-54464/2-A	Lab Control Sample	Soluble	Solid	300.0	54464
LCSD 880-54464/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	54464
880-28878-1 MS	S-1, 0-1'	Soluble	Solid	300.0	54464
880-28878-1 MSD	S-1, 0-1'	Soluble	Solid	300.0	54464

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: S-1, 0-1'

Lab Sample ID: 880-28878-1
Matrix: Solid
Date Collected: 05/25/23 12:00
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/30/23 21:36	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54516	05/31/23 14:41	CH	EET MID

Client Sample ID: S-2, 0-1'

Lab Sample ID: 880-28878-2
Matrix: Solid
Date Collected: 05/25/23 12:10
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/30/23 21:57	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54516	05/31/23 14:57	CH	EET MID

Client Sample ID: S-3, 0-1'

Lab Sample ID: 880-28878-3
Matrix: Solid
Date Collected: 05/25/23 12:20
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 19:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/30/23 22:19	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54516	05/31/23 15:03	CH	EET MID

Client Sample ID: S-4, 0-1'

Lab Sample ID: 880-28878-4
Matrix: Solid
Date Collected: 05/25/23 12:30
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: S-4, 0-1'

Lab Sample ID: 880-28878-4
Matrix: Solid
Date Collected: 05/25/23 12:30
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/30/23 22:41	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54516	05/31/23 15:08	CH	EET MID

Client Sample ID: C-1, 5'

Lab Sample ID: 880-28878-5
Matrix: Solid
Date Collected: 05/25/23 12:40
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 20:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/30/23 23:24	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54516	05/31/23 15:13	CH	EET MID

Client Sample ID: C-2, 5'

Lab Sample ID: 880-28878-6
Matrix: Solid
Date Collected: 05/25/23 12:50
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 20:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/30/23 23:46	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54516	05/31/23 16:18	CH	EET MID

Client Sample ID: C-3, 0-5'

Lab Sample ID: 880-28878-7
Matrix: Solid
Date Collected: 05/25/23 13:00
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 21:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/31/23 00:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Client Sample ID: C-3, 0-5'

Lab Sample ID: 880-28878-7
Matrix: Solid
Date Collected: 05/25/23 13:00
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	54516	05/31/23 16:23	CH	EET MID

Client Sample ID: C-4, 0-5'

Lab Sample ID: 880-28878-8
Matrix: Solid
Date Collected: 05/25/23 13:10
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 21:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/31/23 00:30	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54516	05/31/23 16:28	CH	EET MID

Client Sample ID: C-5, 0-5'

Lab Sample ID: 880-28878-9
Matrix: Solid
Date Collected: 05/25/23 13:20
Date Received: 05/30/23 08:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	54500	05/31/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54618	06/02/23 22:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54757	06/05/23 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			54498	05/31/23 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54430	05/30/23 16:10	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54330	05/31/23 00:51	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	54464	05/31/23 09:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	54516	05/31/23 16:34	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc. Job ID: 880-28878-1
Project/Site: Salado Draw 24 CTB SDG: 23-0102-03

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 24 CTB

Job ID: 880-28878-1
SDG: 23-0102-03

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-28878-1	S-1, 0-1'	Solid	05/25/23 12:00	05/30/23 08:51
880-28878-2	S-2, 0-1'	Solid	05/25/23 12:10	05/30/23 08:51
880-28878-3	S-3, 0-1'	Solid	05/25/23 12:20	05/30/23 08:51
880-28878-4	S-4, 0-1'	Solid	05/25/23 12:30	05/30/23 08:51
880-28878-5	C-1, 5'	Solid	05/25/23 12:40	05/30/23 08:51
880-28878-6	C-2, 5'	Solid	05/25/23 12:50	05/30/23 08:51
880-28878-7	C-3, 0-5'	Solid	05/25/23 13:00	05/30/23 08:51
880-28878-8	C-4, 0-5'	Solid	05/25/23 13:10	05/30/23 08:51
880-28878-9	C-5, 0-5'	Solid	05/25/23 13:20	05/30/23 08:51

198878 No. 3079

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE 5-26-23 PAGE 1 OF 1
PO# LAB WORK ORDER#
PROJECT LOCATION OR NAME Salado Draw 24 CTB
LAI PROJECT # 23-0102-03 COLLECTOR KG

TRRP report? ☐ Yes ☒ No
TIME ZONE Time zone/State MNT/NM

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

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
S-1, 0-1'		5/25/23	1200	S	1				Y		X	202
S-2, 0-1'			1210									
S-3, 0-1'			1220									
S-4, 0-1'			1230									
C-1, 5'			1240								X	
C-2, 5'			1250								X	
C-3, 0-5'			1300								X	
C-4, 0-5'			1310									
C-5, 0-5'			1320									

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 ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP - PEST ☐ HERB ☐ TCLP VOC ☐ TOTAL METALS (RCRA) ☐ Semi-VOC ☐ LEAD - TOTAL ☐ D W 200 8 ☐ OTHER LIST ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TCLP ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐

880-28878 Chain of Custody

TOTAL

RELINQUISHED BY (Signature) DATE/TIME 5/30/23 0851 RECEIVED BY (Signature)
RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)
RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)
LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐ Normal

LABORATORY USE ONLY:
RECEIVING TEMP -11/-11.3 THERM# IR8-36
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #
☑ HAND DELIVERED

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-28878-1
SDG Number: 23-0102-03

Login Number: 28878
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

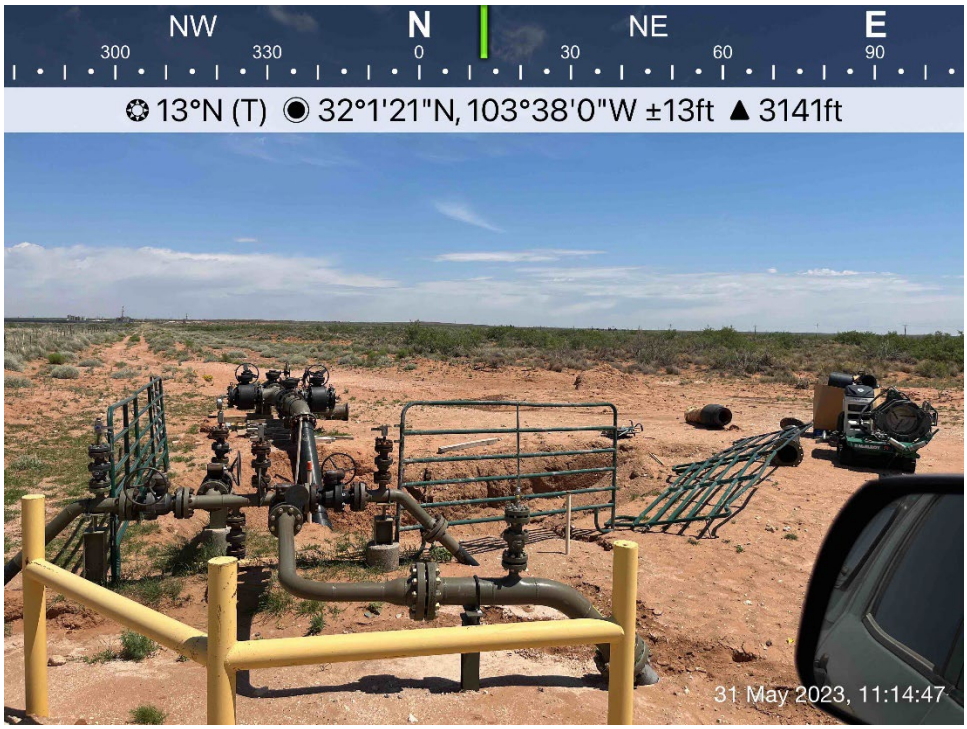
Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature 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	

Appendix E

Photographic Documentation

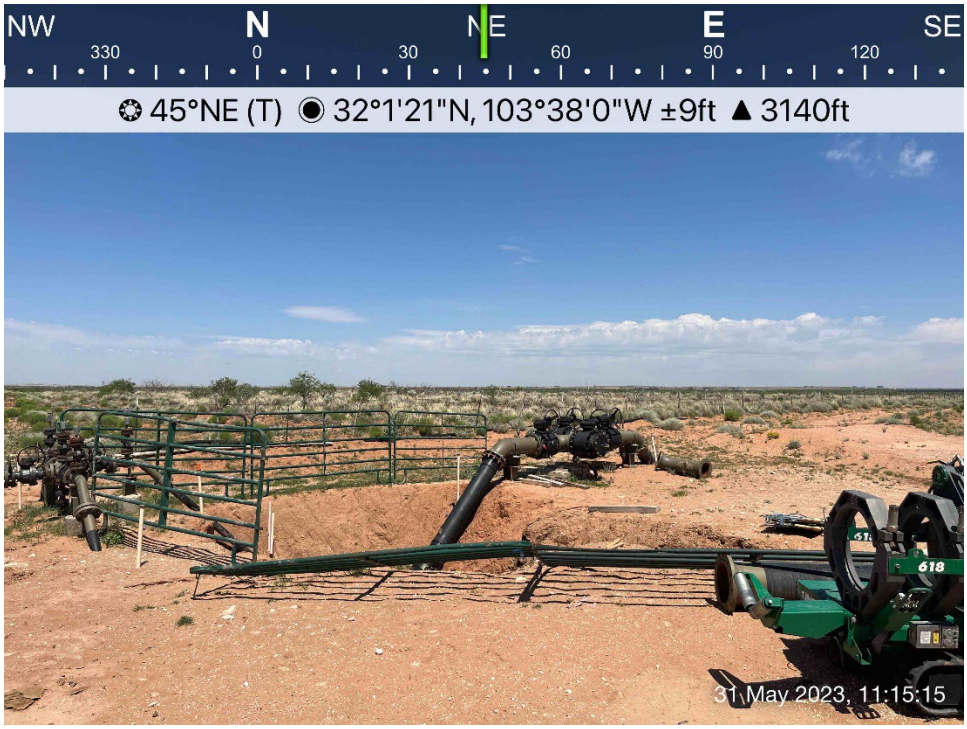
Tracking Number: nAPP2311640670
Delineation Report and Remediation Plan
Chevron USA Inc., Salado Draw CTB 24
Produced Water Release
June 9, 2023

Impacted area viewing north, photo taken by Chevron personnel



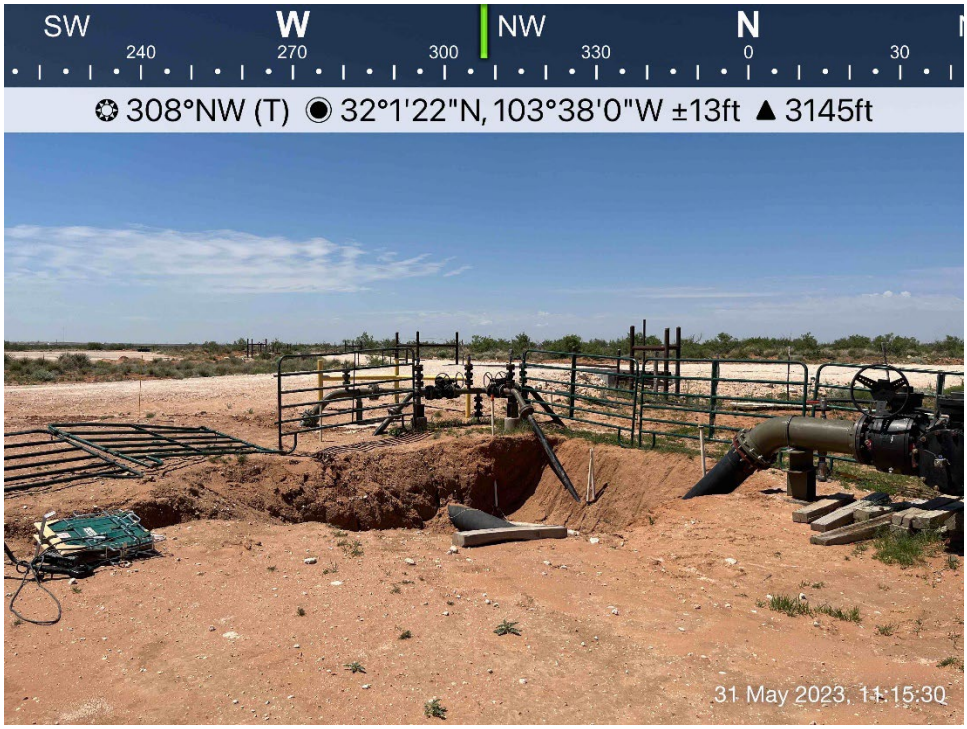
Impacted area viewing north, May 31, 2023

Impacted area viewing east, May 31, 2023



Impacted area viewing northeast, May 31, 2023

Tracking Number: nAPP2311640670
Delineation Report and Remediation Plan
Chevron USA Inc., Salado Draw CTB 24
Produced Water Release
June 9, 2023



Impacted area viewing northwest, May 31, 2023

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 231230

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 231230
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written. Chevron has 60-days (November 20, 2023) to submit its appropriate or final closure report.	9/19/2023