Oil or Water Spill TO SOIL Volume Spreadsheet

INPUT FIELDS
OUTPUT
RESULT

Location:	Robin LACT, NM
GPS Coordinates:	
Spill Date:	
Spill Time:	

Length of Spill=	45.00	feet
Width of Spill=	5.00	feet
Saturation (or depth) of Spill=	5.00	inches

OR

Area=	-	ft^2
Saturation (or depth) of Spill=	-	inches

OR

Soil Volume=		yd^3

Use only one method

Oil Cut=	90.00	% Oil
Porosity Factor=	0.20	

Soil Volume=	3.47	yd^3
Total Oil in Soil=	3.01	barrels
Total Produced Water in Soil=	0.33	barrels
Total Product Released in Soil=	3.34	barrels
	140.25	gallons

Total Spill Calc Sheets 1 - 4 =	**16.77**	**bbls**

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/Silt/Sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

Oil or Water Spill TO SOIL Volume Spreadsheet

INPUT FIELDS
OUTPUT
RESULT

Location:	
GPS Coordinates:	
Spill Date:	
Spill Time:	

Length of Spill=	11.00	feet
Width of Spill=	15.00	feet
Saturation (or depth) of Spill=	5.00	inches

OR

Area=	-	ft^2
Saturation (or depth) of Spill=	-	inches

OR

Soil Volume=		yd^3

Use only one method

Oil Cut=	90.00	% Oil
Porosity Factor=	0.20	

Soil Volume=	2.55	yd^3
Total Oil in Soil=	2.20	barrels
Total Produced Water in Soil=	0.24	barrels
Total Product Released in Soil=	2.45	barrels
	102.85	gallons

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/Silt/Sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

Oil or Water Spill TO SOIL Volume Spreadsheet

INPUT FIELDS
OUTPUT
RESULT

Location:	Robin LACT, NM
GPS Coordinates:	
Spill Date:	
Spill Time:	

Length of Spill=	24.00	feet
Width of Spill=	25.00	feet
Saturation (or depth) of Spill=	5.00	inches

OR

Area=	-	ft^2
Saturation (or depth) of Spill=	-	inches

OR

Soil Volume=		yd^3

Use only one method

Oil Cut=	90.00	% Oil
Porosity Factor=	0.20	

Soil Volume=	9.26	yd^3
Total Oil in Soil=	8.01	barrels
Total Produced Water in Soil=	0.89	barrels
Total Product Released in Soil=	8.91	barrels
	374.01	gallons

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/Silt/Sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

Oil or Water Spill TO SOIL Volume Spreadsheet

INPUT FIELDS
OUTPUT
RESULT

Location:	Robin LACT, NM
GPS Coordinates:	32.614856, -103.580424
Spill Date:	12/2/2024
Spill Time:	0200 Mountain Time

Length of Spill=	20.00	feet
Width of Spill=	4.00	feet
Saturation (or depth) of Spill=	5.00	inches

OR

Area=	-	ft^2
Saturation (or depth) of Spill=	-	inches

OR

Soil Volume=		yd^3

Use only one method

Oil Cut=	90.00	% Oil
Porosity Factor=	0.20	

Soil Volume=	1.23	yd^3
Total Oil in Soil=	1.07	barrels
Total Produced Water in Soil=	0.12	barrels
Total Product Released in Soil=	1.19	barrels
	49.87	gallons

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/Silt/Sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

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3 December 2025

Mr. Mike Bratcher
Incidents Group Supervisor, Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Avenue
Artesia, New Mexico 88210

Via E-Mail: OCD.Enviro@emnrd.nm.gov

RE: Remediation Closure Report Addendum
New Mexico Incident No. nAPP2434552379
Robin Receipt Point / LACT Facility
Lat/Long: 32.553694, -103.577750
Lea County, New Mexico
SQE PN: 1112.012.001

SQ Environmental, LLC (SQE) prepared this addendum to the Remediation Closure Report on behalf of SCM Crude, LLC (SCM). This addendum provides formal responses to the Oil Conservation Division (OCD) e-mail dated 14 July 2025. This e-mail requested additional information to allow closure of the December 2024 crude oil release at the Robin Lease Automatic Custody Transfer (Robin LACT) facility (coordinates shown above). The Remediation Closure Report dated 3 July 2025 was included in the *Application for administrative approval of a release notification and corrective action (C-141)* for incident ID (n#) nAPP2434552379 which was ultimately rejected in the 14 July 2025 OCD e-mail. A copy of the 3 July 2025 Remediation Closure Report in included as **Attachment 1**. A copy of the 14 July 2025 e-mail is included in **Attachment 2**. The purpose of this document is to serve as an Addendum to the 3 July 2025 Remediation Closure Report and to specifically address the OCD comments that were included in the 14 July 2025 e-mail.

As is presented in this addendum, the results of the additional confirmation soil sampling activities, demonstrate that the soil with constituents of concern (COC) above New Mexico Remediation Closure Limits have been remediated pursuant to New Mexico Administrative Code (NMAC) §19.15.29, and a regulatory closure of New Mexico Incident No. nAPP2434552379 is requested.

BACKGROUND

In Comment 1 of the 14 July 2025 OCD e-mail, two additional confirmation soil samples were requested; one from the base of two previously excavated areas. These were areas CS-03 and CS-04. The purpose of these additional samples was to verify that the appropriate sampling frequency had been achieved. All of the previously excavated areas (CS-01 through CS-06) are shown on the figure below. Previous confirmation sampling included 5-point composites from each area. The results were included in the 3 July 2025 Remediation Closure Plan (copy included in **Attachment 1).** In an email response dated 22 August 2025, the OCD requested a soil sampling plan be submitted via email for approval. In an email dated 29 August 2025 SQE proposed to collect two additional soil confirmation samples; one additional sample from the base of each of two excavated areas (CS-03 and CS-04). The soil sampling plan was approved by the OCD in an email dated 3 September 2025. The email exchange detailing the approved soil workplan, including the soil sample locations, sampling depth and laboratory analysis is provided in **Attachment 2.** The results of the additional sampling is discussed in the Response to Comment 1 below.

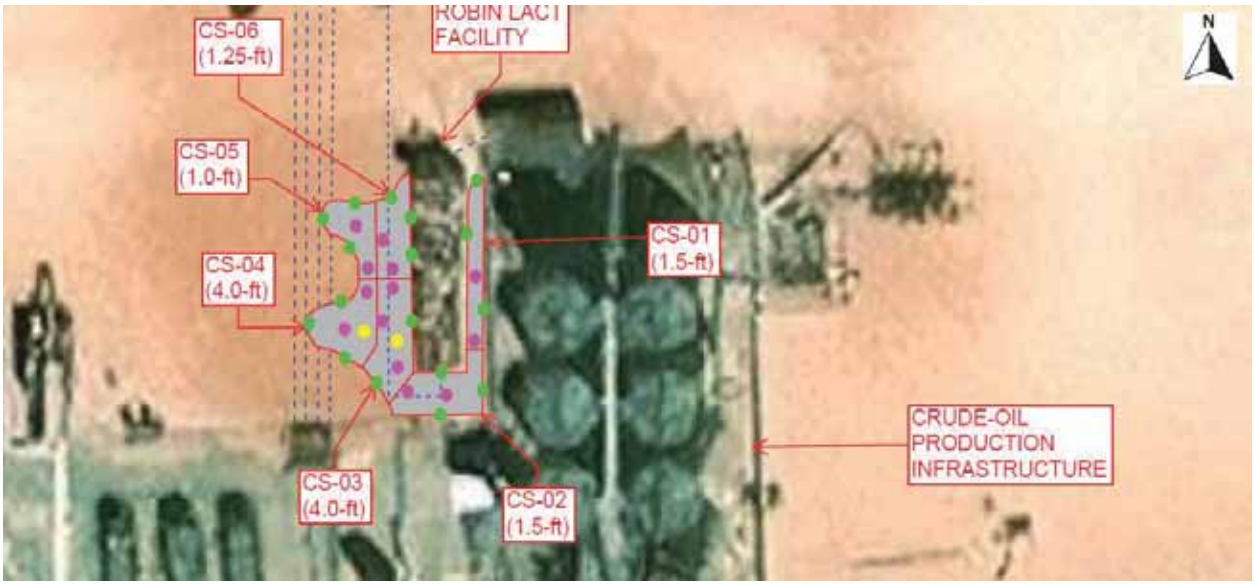
In Comment 2 and Comment 3 of the 14 July 2025 OCD e-mail, clarification of photographs which were included in Attachment E of the 3 July 2025 Remediation Closure Plan (copy provided in **Attachment 1)** was requested. The requested clarification regarding the photographs was included in an e-mail dated 20 August 2025 and is included in the responses that follow for completeness. A revised photographic log is included as **Attachment 3**. This log includes the previous photographs along with photographs of the recent sampling activities.

RESPONSE TO OCD COMMENT LETTER DATED 14 JULY 2025

Each of the OCD comments in the 14 July 2025 e-mail are provided below in italics, followed by the response.

Comment 1: *Referring to Figure 2, the sub-areas of CS-03 and CS-04 did not have enough confirmation samples collected to confirm the impacts of the release have been remediated pursuant to 19.15.29.12 NMAC. Though the surface area of each sub-unit may be 200 ft² or less, when the depth of the excavation is deeper, that should also be taken into account. Normally, the number of base samples is determined from the dimensions of the surface area of the release. Sidewall samples are then taken from around the perimeter of the excavation. Should you have a 20' by 10' excavation that is 4' in depth you would collect one five point composite base sample. To find the number of sidewall samples you would multiply the perimeter by 4' depth. 60ft*4ft=240ft². According to 19.15.29.12.D NMAC, a confirmation sample is not to be representative of more than 200ft², so rounding up, you would collect two confirmation sidewall samples around the perimeter of the excavation.*

Response to Comment 1: On 12 November 2025, SQE returned to the Robin LACT facility to conduct additional soil confirmation sampling in general accordance with the approved soil plan. An aerial image dated 19 August 2024 was obtained from ESRI Maxar, and the location of the Robin LACT facility where the additional soil confirmation sampling activities occurred is shown on the image below. The text boxes detail previously remediated areas labeled as CS-01 through CS-06, as well as the total depth of previously excavated material relative to feet below ground surface (ft bgs). The green dots represent sidewall soil aliquot locations and the pink dots are aliquots collected from the bottom of the excavation. The yellow dots located within the CS-03 and CS-04 remediated areas represent the approved confirmation sample locations (CS-03-CB and CS-04-CB).



The soil samples were collected by advancing a hand auger to depths of approximately 4 ft bgs, or into the underlying soil that remained following the prior excavation activities. The soil samples were then placed into new, laboratory-supplied sample containers and then placed on ice in a shipping container. The samples were then submitted to a NELAP-certified laboratory using proper chain of custody procedures for the following analyses:

- Chloride (EPA Method 300.0);
- Total petroleum hydrocarbons (TPH; SW-846 Method 8015M), and
- Benzene, toluene, ethylbenzene, and xylenes (BTEX; SW-846 Method 8021B).

The soil sample results were compared to the New Mexico Remediation Closure Limits outlined in Table I of NMAC §19.15.29.12, for sites with a depth to groundwater that is greater than 100 ft bgs. These values are provided in the table below.

CONSTITUENT	REMEDIATION CLOSURE LIMITS (DTGW >100 ft)
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
GRO+DRO	1,000 mg/kg
Total BTEX	50 mg/kg
Benzene	10 mg/kg

A summary of the sampling results for the samples collected on 12 November 2025 is provided below and the final soil confirmation sample results are included in the revised **Table 1 (**which is attached).

- CS-03-CB – No COCs were reported with concentrations above the Remediation Closure Limits. Low levels of TPH (DRO at 60.7 mg/kg) were reported in the sample along with chloride at 3,560 mg/kg. No BTEX was reported to be present above the detection limit.

- CS-04-CB – No COCs were reported with concentrations above the Remediation Closure Limits. For this sample, there was no detected TPH and no detected BTEX. The reported chloride concentration was 39.2 mg/kg.

Based on the analytical results for the additional confirmation samples requested in Comment 1 of the OCD e-mail dated 14 July 2025, the remaining soil meets the remediation closure criteria pursuant to NMAC §19.15.29 and the confirmation sampling requirements of NMAC §19.15.29.12 have been fulfilled. A copy of the analytical report associated with the November 2025 additional soil sampling are provided in **Attachment 4**. The results of the confirmation sampling demonstrate that the remediation activities were successful and no further remediation is needed.

Comment 2: *Referring to the 4/7/25 rejected closure report, Photo 11 showed area of CS-02 as much deeper than a 1.5' excavation. Explain.*

Response to Comment 2: Photo 11 is a little misleading. For convenience, a copy of Photo 11 is shown below on the left (view towards the west). This photograph was taken in the area where a pipe was present. A "pre-remediation" photo is provided below on the right (view towards the east) which shows the same pipe.

Due to pipes and other obstructions, all of CS-02 required manual excavation and use of hydro-excavation techniques. The portion of CS-02 that is shown in Photo 11 of the photolog is a very small portion of CS-02, where the excavation was a bit deeper around the pipe, this area may also have been used as a "sump" to allow efficient vacuuming of the soil slurry during hydro-excavation. The photo below shows the CS-02 area that was manually excavated (view looking south from CS-01). In this photo, the pipe is towards the right, behind the equipment. This area is also shown in Photo 10 of the photo log.

The overall excavation depth for this area was 1.5 ft although around the pipe, the excavation was a bit deeper.

Comment 3: *Photos of the deeper excavation areas, CS-03 and CS-04 which were included with the previously rejected report have been removed from this update. Per 19.15.29.12.E NMAC, include all photos of the remediated site prior to backfill.*

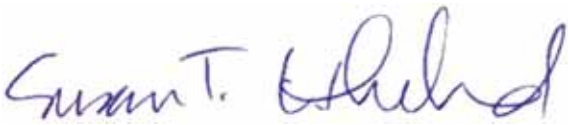
The wrong photographic log was inadvertently included in the previous report. A photograph log with all of the photos is included in **Attachment 4**.

CLOSING

Based on the remediation and restoration activities performed, as described above, the crude-oil release event has been appropriately addressed in accordance with NMAC §19.15.29, and no further actions are needed. With the following signature, I certify that, to the best of my ability and knowledge, all the information presented in this closure report and associated attachments is correct, and that SCM Crude, LLC has complied with all applicable closure requirements and conditions specified in division rules or directives. Subsequently, a regulatory closure of New Mexico Incident No. nAPP2434552379 is requested.

Please let us know if you have any questions or comments regarding this information. I may be reached by e-mail at s.litherland@sqenv.com, or by phone (512-656-9445).

Sincerely,
SQ Environmental, LLC



Susan T. Litherland, PE
Principal

cc: Susan Worthen, EHS Manager – Salt Creek Midstream

ATTACHMENTS:

- Table 1 (REVISED) – Summary of Confirmation Sample Results
- Attachment 1 – Remediation Closure Plan (7/3/2025)
- Attachment 2 – Communications with NMOCD
- Attachment 3 – Photograph Log
- Attachment 4 – Laboratory Report

TABLE 1 - REVISED
ANALYTICAL RESULTS FOR CONFIRMATION SOIL SAMPLES
NEW MEXICO INCIDENT No. nAPP2434552379
ROBIN LACT FACILITY
32.553694, -103.577750
LEA COUNTY, NEW MEXICO

Analyte	New Mexico Remediation Closure Limits[1]	Sample ID	CS-01 (1.5)		CS-02 (1.5)		CS-03-CB		CS-04 (4.0)		CS-04-CB		CS-05 (1.0)		CS-06 (1.25)	
		Lab ID	5A24003-01		5A24003-02		880-64952-1		5A23009-02		880-64952-2		880-53216-5		5A23009-03	
		Date	1/23/2025		1/23/2025		11/12/2025		1/22/2025		11/12/2025		1/14/2025		1/22/2025	
		Depth	1.5 ft bgs		1.5 ft bgs		4.0 ft bgs		4.0 ft bgs		4.0 ft bgs		1.0 ft bgs		1.25 ft bgs	
	mg/kg	Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
TPH (EPA SW-846 Method 8015 NM)																
GRO (C6-C10)	--		< 30.5	U	< 28.7	U	<14.5	U	< 26.9	U	<14.5	U	50.3		<25.8	U
DRO (>C10-C28)	--		< 30.5	U	< 28.7	U	60.7		< 26.9	U	<15.1	U	880	*	47.4	
ORO (>C28-C36)	--		< 30.5	U	< 28.7	U	<15.1	U	< 26.9	U	<15.1	U	<15.1	U	<25.8	U
GRO + DRO	1,000		< 30.5	U	< 28.7	U	60.7		< 26.9	U	<15.1	U	930		47.4	
Total TPH	2,500		< 30.5	U	< 28.7	U	60.7		< 26.9	U	<15.1	U	930		47.4	
BTEX (EPA SW-846 Method 8021B)																
Benzene	10		< 0.00122	U	< 0.00115	U	<0.00140	U	0.00115		<0.00140	U	< 0.0700	U	< 0.00103	U
Toluene	--		0.00280		0.00144		<0.00202	U	0.00225		<0.00201	U	1.13		0.00133	
Ethylbenzene	--		0.00363		< 0.00115	U	<0.00110	U*	<0.00108	U	<0.00110	U*	0.435		< 0.00103	U
m-Xylene & p-Xylene	--		0.0176		< 0.00230	U	<0.00230	U	0.00313		<0.00230	U	1.63		0.00336	
o-Xylene	--		0.00222		< 0.00115	U	<0.00160	U	0.00162		<0.00159	U	0.513		< 0.00103	U
Xylenes, Total	--		0.0198		< 0.00230	U	<0.00230	U	0.00475		<0.00230	U	2.14		< 0.00103	
Total BTEX	50		0.0263		0.00144		<0.00230	U	0.00815		<0.00230	U	3.71		0.00469	
Chloride (EPA Method 300.0)																
Chloride	20,000		14.4		10.5		3,560		< 1.08	U	39.2		77.3		14.4	

NOTES:

[1] based on Table I of NMAC §19.15.29.12 for sites with a depth to groundwater that is greater than 100 feet below ground surface (ft bgs).

-- No value

mg/kg - milligram per kilogram

< and U - Analyte not detected above the laboratory Method Detection Limit (MDL)

* - Laboratory Control Sample (LCS) and LCS Duplicate quality control exceeded.

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil or Mineral Range Organics

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

Bold values indicate concentration reported above the Reporting Limit.

ATTACHMENT 1

SQ Environmental, LLC
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(512) 900-7731

3 July 2025

Mr. Mike Bratcher
Incidents Group Supervisor, Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Avenue
Artesia, New Mexico 88210

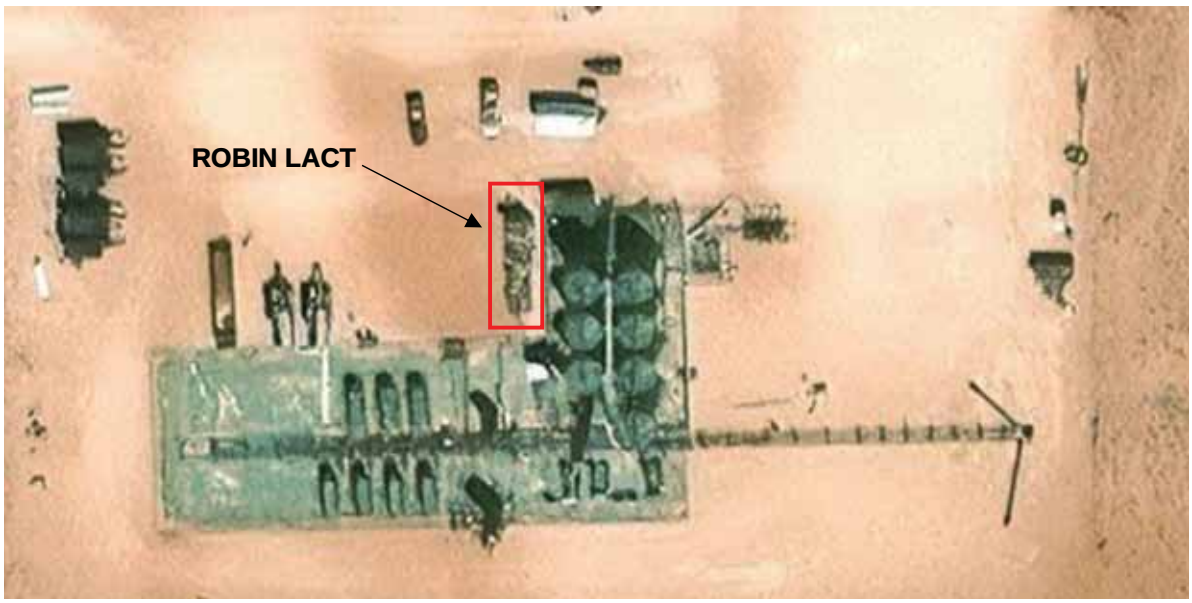
Via E-Mail: OCD.Enviro@emnrd.nm.gov

RE: Remediation Closure Report
New Mexico Incident No. nAPP2434552379
Robin Receipt Point / LACT Facility
Lat/Long: 32.553694, -103.577750
Lea County, New Mexico
SQE PN: 1112.012.001

Dear Mr. Bratcher:

SQ Environmental, LLC (SQE) prepared this letter report on behalf of SCM Crude, LLC (SCM) to document remediation and restoration activities that were completed in January 2025 at the Robin Receipt Point site, which is also referred to as the Robin Lease Automatic Custody Transfer (Robin LACT) facility. The LACT facility is located at the coordinates provided above in Lea County, New Mexico. The objective of remediation activities was to remove impacted soil with constituents of concern (COC) concentrations above New Mexico Remediation Closure Limits. Based on the results of confirmation sampling activities, the remediation performed successfully removed impacted soil pursuant to New Mexico Administrative Code (NMAC) §19.15.29, and a regulatory closure of New Mexico Incident No. nAPP2434552379 is requested.

An aerial image dated 19 August 2024 was obtained from ESRI Maxar, and the location of the Robin LACT Facility is identified by the red box in the aerial below:



This Remediation Closure Report is being submitted in accordance with NMAC §19.15.29(E)(1). The work performed and results are described below. Figures and tables are provided following the text. Supporting information, field photographs, and laboratory reports are included as attachments to this report.

Incident Information

- New Mexico Incident No. nAPP2434552379
- Site Name: Robin Receipt Point
- Surface Owner: Bureau of Land Management (Federal)
- Operator: SCM Operations, LLC
- Incident Location: P-20-20S-34E 838 FSL 1208 FEL
- Lat/Long: **32.553694, -103.577750**

Background

On 2 December 2024, crude oil was released to the ground surface (outside of a lined containment area) due to a pump failure. After the source of the release had been eliminated, initial response actions were performed to address the release. This included vacuuming the standing liquids from the ground surface (outside of a lined containment area), scraping of visually impacted soil, and stockpiling of the scraped soil onsite.

At that time, a spill calculator application was used to estimate the total and net volumes released. It was estimated that approximately 8 barrels (bbls) of crude oil was released and 4 bbls of crude oil was recovered as part of the initial response actions, resulting in a net total of approximately 4 bbls of crude oil remaining following the initial response actions. However, updated calculations were performed and it is estimated that a total of 16.8 bbls of crude oil was released. Because initial response actions recovered 4 bbl of crude oil, a net total of approximately 12.8 bbls of crude oil remained in the soil that required remediation.

Because this was an unauthorized release event that exceeded 5 bbls, but was less than 25 bbls, this event is defined as a “minor release” in accordance with NMAC §19.15.29.7.

A Notification of Release (NOR) application was filed on 10 December 2024, and Incident No. nAPP2434552379 was assigned to the release event.

Site Characterization

In accordance with NMAC §19.15.29.12(C)(4), a site characterization survey was performed for the release area at the Robin LACT. Based on the results of this survey, the remediation closure criteria applicable for this release event correspond to closure criteria for sites with a depth to groundwater (DTGW) that is greater than 100 feet (ft) below ground surface (bgs). The following presents additional details regarding the site characterization survey:

Based on a review of data and records obtained from the New Mexico Office of the State Engineer (OSE) Point of Diversion (POD) Locations Online Mapping Tool, the depth to groundwater in the vicinity of the release area at the Robin LACT is greater than 100 feet (ft) below ground surface (bgs). This conclusion is based on the following evaluation:

- CP-1867-POD1 through CP-1867-POD4 – these New Mexico PODs are located approximately 1,620 feet ft (0.3 miles) north of the Robin LACT, and were drilled to a total depth of 200 ft bgs. The Well Records and Logs for these PODs indicate these borings were advanced for use as grounding wells for a nearby electrical substation, and the hydrogeologic logs indicate a water

bearing zone was not encountered while advancing these borings to their total depth (i.e., 200 ft). Furthermore, these PODs were plugged in April 2021, and the Plugging Records indicate that no water was present in these PODs at the initiation of plugging activities.

- CP-1860-POD1 – this New Mexico POD is located 8,720 ft (1.7 miles) southwest of the Robin LACT, and was drilled to a total depth of 112 ft bgs. The Well Record and Log indicates a water bearing zone was not encountered while advancing this boring to its total depth (i.e., 112 ft). Furthermore, this POD was plugged on 2 March 2021, and the Plugging Record indicates that no water was present in this POD at the initiation of plugging activities.

- CP-1262-POD1; CP-1219-POD1; and CP-942-POD1 – these New Mexico PODs are generally located approximately 8,600 ft (1.6 miles) southeast of the Robin LACT. Each of these PODs were former oil & gas-related wells and the appropriate documentation was issued to the New Mexico OSE to convert these wells into water wells for purposes of livestock watering. However, there was no documentation available confirming these PODs were converted into water wells, and thus, there is no documentation that presents the depth to groundwater for these PODs.

- CP-1389-POD1 – this New Mexico POD is located 9,630 ft (1.8 miles) southeast of the Robin LACT, and was drilled to a total depth of 1,250 ft bgs. The Well Record and Log indicates the first water bearing zone was encountered at approximately 1,005 ft bgs for this POD.

Figure 1 presents the locations of these PODs in relation to the Robin LACT. Based on records obtained from the New Mexico OSE POD Locations Online Mapping Tool for PODs located north, southwest, and southeast of the Robin LACT, the depth to groundwater at the release site is greater than 100 ft bgs. Furthermore, based on the depth to groundwater data obtained for "CP-1389-POD1," the depth to groundwater at the release site is likely greater than 1,000 ft bgs. The data and records obtained from the New Mexico OSE POD Locations Online Mapping Tool that support this evaluation are provided as **Attachment A**.

To fulfil the additional requirements pursuant to NMAC §19.15.29.12(4), the following distances between the Robin LACT and respective features were evaluated. Documentation that supports the information presented below is presented in **Attachment B**.

- A continuously flowing watercourse or any other significant watercourse – between 1 and 5 miles.
    - There were no continuously flowing watercourses or any other significant watercourse identified within 5 miles of the Robin LACT; however, an intermittent stream was identified approximately 3.5 miles southeast using the National Hydrography Dataset on the New Mexico OpenEnviroMap. Based on the National Wetlands Inventory (NWI) Wetlands Mapper, there are multiple small 'freshwater emergent wetland' areas located approximately 2.41 miles southeast of the Robin LACT. Although intermittent streams and 'freshwater emergent wetland' areas do not appear to qualify as a continuously flowing or "significant" watercourse based on the definition provided by New Mexico, these features have been conservatively assumed to qualify as such. Therefore, a continuously flowing watercourse or other significant watercourse is considered to be between 1 and 5 miles from the Robin LACT, and this distance does not require SCMC to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) – between 1 and 5 miles.

- According to the NWI Wetlands Mapper, the closest lakebed, sinkhole, or playa lake to the release site is a "Freshwater Pond," which is approximately 3.24 miles south-southwest of the Robin LACT. For purposes of this evaluation, the “Freshwater Pond” is considered a playa lake. Therefore, the closest lakebed, sinkhole, or playa lake to the release site is between 1 and 5 miles from the Robin LACT, and this distance does not require SCMC to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- An occupied permanent residence, school, hospital, institution, or church – greater than 5 miles.
  - A search using Google Earth aerial imagery was performed, and all areas within a 5-mile radius of the Robin LACT appear to be used exclusively for oil and gas-related purposes. Because the closest occupied permanent residence, school, hospital, institution, or church is greater than 5 miles from the Robin LACT, SCMC is not required to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes – between 1 and 5 miles.
  - No springs were identified within 5 miles of the facility, based on the “National Hydrography Dataset” layer of the New Mexico OpenEnviroMap. The closest PODs that are documented for domestic or stock watering purposes are “CP-1262-POD1; CP-1219-POD1; and CP-942-POD1.” As described above, these PODs are located approximately 8,600 ft (1.6 miles) southeast of the Robin LACT. Based on the documentation available, these wells were former oil and gas-related wells that were to be converted into water wells for purposes of livestock watering, but there is no documentation that confirms whether these oil and gas-related wells were actually converted into water wells, and if they are actively being used for livestock watering. As a conservative approach, it has been assumed that these wells were successfully converted into water wells and are actively being used for livestock watering. Because these PODs are approximately 1.6 miles away from the Robin LACT, SCMC is not required to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4). **Figure 1** provides the locations of these PODs in relation to the Robin LACT, and the documentation available for these three PODs are provided in **Attachment A**.

- Any other fresh water well or spring - at least between 1 and 5 miles.
  - As discussed above, no springs were identified within 5 miles of the Robin LACT. Furthermore, the only PODs within 1 mile of the facility are CP-1867-POD1 through CP-1867-POD4. As described above, these four PODs were installed for purposes of installing grounding wells, no water bearing unit was encountered to the total depth of these borings (i.e., 200 ft), and these wells have since been plugged (plugged in April 2021). Based on these data, there are no fresh water wells or springs within at least 1 mile of the Robin LACT, and this distance does not require SCMC to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4). Documentation available for these four PODs are provided in **Attachment A**.

- Incorporated municipal boundaries or a defined municipal fresh water well field – greater than 5 miles.
  - According to the OpenEnviroMap, the closest incorporated municipal boundary is the “Census Designated Place” identified as Monument, which is approximately 17 miles east-northeast of the Robin LACT. Furthermore, the closest active groundwater system

(municipal fresh water well field) is located approximately 11.80 miles north of the Robin LACT. Because the closest incorporated municipal boundary and defined municipal freshwater well field are greater than 5 miles away from Robin LACT, SCMC is not required to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- A wetland - between 1 and 5 miles.
  - As described above, there are multiple small 'freshwater emergent wetland' areas generally located approximately 2.41 miles to the southeast of Robin LACT, based on the National Wetlands Inventory (NWI) Wetlands Mapper. At this distance, SCMC is not required to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- A subsurface mine – between 1 and 5 miles.
  - Based on the New Mexico Registered Mines GIS database, there is an 'Industrial Minerals (Other)" mine located approximately 1.5 miles south-southwest of the Robin LACT. At this distance, SCMC is not required to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- An (non-karst) unstable area – greater than 5 miles.
  - Based on the databases reviewed, no areas within 5 miles of the facility were identified as "unstable." Based on the NM OCD Oil and Gas Map, there were no M2.5+ earthquakes since 2021 identified within 5 miles of the Robin LACT. The nearest identified earthquake was approximately 9 miles south-southwest of the facility. At this distance, SCMC is not required to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- Categorize the risk of this well / site being in a karst geology – Low
  - Based on the NM OCD Oil and Gas Map, the release site is located in an area designated as "low risk" for karst geology. Because of the "low risk" classification, the remediation is not subject to closure criteria that is required when the depth to groundwater is less than 50 ft bgs.

- A 100-year floodplain – greater than 5 miles.
  - The FEMA Flood Layer Viewer was reviewed, and the release location is in an area of undetermined flood hazard (i.e., Zone D). A review of areas within 5 miles of the release location confirm no 100-year floodplain is within 5 miles of the release location. Because the Robin LACT is not within a 100-year floodplain, SCMC is not required to treat the release as if the depth to groundwater is less than 50 ft bgs in accordance with NMAC §19.15.29.12(4).

- Lastly, the release impact area was limited to the immediate vicinity of the Robin LACT, and did not impact an area outside of an exploration, development, production, or storage site.

Based on the results of the site characterization survey, the remediation closure criteria applicable to the release event at the Robin LACT is presented below:

CONSTITUENT	REMEDIATION CLOSURE LIMITS (DTGW >100 ft)
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
GRO+DRO	1,000 mg/kg
Total BTEX	50 mg/kg
Benzene	10 mg/kg

The closure criteria presented above is based on Table I of NMAC §19.15.29.12 for sites with a depth to groundwater that is greater than 100 ft bgs.

Remediation Activities

The remediation activities discussed below were completed under the supervision of SQE. As is discussed, two remediation events were conducted and the remaining conditions meet the closure criteria pursuant to NMAC §19.15.29. Remediation activities did not disturb, dislodge, damage, destroy, or remove any cultural properties on federal lands. The work was completed in compliance with wildlife and/or other biological rules, as well as the Cultural Properties Protection Rule. Details regarding the completed remediation activities are provided below:

- After the 2 December 2024 release event, a survey was performed to identify the extent of visually impacted soil at the ground surface. In general, planned remediation activities included excavation of visually impacted soil at the surface, plus an additional 1.0-ft "capture zone" in the outwards directions from the lateral extent of surface impacts. **Figure 2** presents the full extent of the excavation area.
- On 14 January 2025, excavations were performed with the use of a back-hoe at all areas that could be accessed. Accessible areas included those identified on **Figure 2** as sub-areas CS-03, CS-04, CS-05, and CS-06. For these sub-areas, excavations were only completed to a total depth of 1.0-ft, as these sub-areas were immediately above or within the "buffer zone" of subsurface utilities. Furthermore, excavations were unable to be performed at sub-areas CS-01 or CS-02 due to the inability to access the area with the back-hoe. At the completion of these excavations, confirmation samples were collected at all excavation sub-areas (i.e., CS-01 through CS-06), where each sub-area represented approximately 170 ft^2. In accordance with NMAC 19.15.29.12, confirmation samples were collected to represent areas no greater than 200 ft^2 per sample.
    - The Application Identification (ID) for the Notification for (Final) Sampling of a Release (C-141N) that was submitted to account for the collection of these confirmation samples is 419007. This notification was issued pursuant to NMAC §19.15.29.12.D(1)(a).

  Each of these six samples (CS-01 through CS-06) was collected as a five-point composite sample that was representative of the respective sub-area. In general, the five aliquots that comprised the composite sample were collected from the center of the sub-area, and the northern, eastern, southern, and western walls of the sub-area. If a given sub-area did not have an excavation wall to collect an aliquot from, the edge of the sub-area that was adjoined to the adjacent sub-area was used to collect the respective aliquot. This five-point composite sampling methodology was utilized pursuant to NMAC §19.15.29.12.D(1).

  Each of these six soil samples were placed into new, laboratory-supplied sample containers, then placed on ice in a shipping container (i.e., ice cooler). The soil samples were labeled according to the convention "*CS-n (d)",* where "*CS"* indicates confirmation sample, "*n*" is the identification

number for the sub-area (also shown on **Figure 2**), and "*d*" indicate the excavation depth at which the sample was collected, in units of ft bgs.

These samples were submitted to a NELAP-certified laboratory using proper chain of custody procedures for the following analyses:

- Chloride (EPA Method 300.0),
- TPH (SW-846 Method 8015M), and
- benzene, toluene, ethylbenzene, and xylenes (BTEX) (SW-846 Method 8021B)

TPH results reported by this method include gasoline range organics (GRO), diesel range organics (DRO), oil range organics (ORO), and total TPH. The following presents a summary of the sampling results for the samples collected on 14 January 2025.

- Samples CS-01 (0.0); CS-02 (0.0); CS-03 (1.0); and CS-04 (1.0) – Although chloride, benzene, and total BTEX were reported below their respective remediation closure limits, the "GRO+DRO" and total TPH results exceeded the respective remediation closure limits.
- Sample CS-05 (1.0) – Chloride, benzene, total BTEX, "GRO+DRO", and total TPH were all reported below their respective remediation closure limits.
- Sample CS-06 (1.0) – Although chloride, benzene, total BTEX and total TPH were reported below their respective remediation closure limits, the "GRO+DRO" result exceeded the remediation closure limit of 1,000 mg/kg.

A summary of analytical results for the 14 January 2025 sample collections are provided on **Table 1**. Based on the results of the 14 January 2025 sampling, no additional excavations were necessary for sub-area CS-05 as the composite sample collected from this sub-area met the remediation closure criteria pursuant to NMAC §19.15.29. However, further remediation activities were needed for sub-areas CS-01 through CS-04 and CS-06.

- During the week of 20 January 2025, additional remediation activities were performed using manual (hand-digging) and hydro-excavation techniques. These techniques were employed due to the sub-areas having minimal access (CS-01 and CS-02) or subsurface utilities (CS-03, CS-04, and CS-06. A portable photoionization detector (PID) was utilized to screen the remaining soil as excavations were being performed. Excavations for a given sub-area were deemed complete once the PID readings for remaining soil indicated no or only minimal organic vapors was present. As described above, no additional excavations were performed at sub-area CS-05, as sample results after the initial excavations indicated additional excavation was not necessary. The following table presents the excavation depths that were required for each of the sub-areas before the PID readings for the remaining soil indicated that there was no or only minimal organic vapors present:

Sub-Area	Total Excavation Depth (ft bgs)
CS-01	1.5
CS-02	1.5
CS-03	4.0
CS-04	4.0
CS-05	1.0
CS-06	1.25

Confirmation samples were collected at sub-areas CS-01 through CS-04 and CS-06. Each composite sample collected represented approximately 190 ft^2. In accordance with NMAC 19.15.29.12, confirmation samples were collected to represent areas no greater than 200 ft^2 per sample.

- The Application ID for the Notification for (Final) Sampling of a Release (C-141N) that was submitted to account for the collection of these final confirmation samples is 422519. This notification was issued pursuant to NMAC §19.15.29.12.D(1)(a).

Each of these five samples (CS-01 through CS-04 and CS-06) was collected as a five-point composite sample as described above and in accordance with NMAC §19.15.29.12. The sampling process, sample identification, delivery to a NELAP-certified laboratory using chain of custody procedures, and analyses requested were as described above for the samples collected on 14 January 2025.

The following presents a summary of the sampling results for these five samples.

- Samples CS-01 (1.5); CS-02 (1.5); CS-03 (4.0); CS-04 (4.0); and CS-06 (1.25) – Chloride, benzene, total BTEX, "GRO+DRO", and total TPH were all reported below their respective remediation closure limits.

A summary of analytical results for these five samples are provided on **Table 1**. Based on analytical results for all confirmation samples collected following the remediation activities, the remaining soil meets the remediation closure criteria pursuant to NMAC §19.15.29, and remediation of the 2 December 2024 crude oil release event was deemed complete. The results of the confirmation sampling documented that the remediation activities were successful, and no further excavation was necessary.

Copies of the analytical reports associated with the confirmation sampling are provided in **Attachment C**. The comprehensive remediation activities performed were completed in accordance with NMAC §19.15.29.12.

Waste Disposal Activities

While remediation activities were being performed at the release area, the impacted soil excavated from the release site was placed at a temporary staging location next to the excavation. The temporary staging area was constructed with a poly liner base with poly-lined berms surrounding the entire perimeter of the waste staging area. During the remediation activities, the waste soil was routinely loaded into dump trucks and hauled offsite for disposal. At the conclusion of remediation activities, the remaining waste soil and the poly liner that comprised the temporary waste staging location were loaded into trucks and hauled offsite for disposal.

Waste hauling and disposal activities as part of the remediation at the Robin LACT facility included a total of 12 trucks loaded with crude-impacted soil (and poly liner) that were hauled by McNabb Partners, LLC to the Lea Land Surface Waste Landfill in Lea County, New Mexico for disposal. **Table 2** provides a disposal log of the dates, trucking company utilized, manifest identification numbers, and quantity of soil hauled for each load. As shown on **Table 2**, a total of approximately 253,740 pounds (or 126.9 tons) of crude-impacted soil was disposed of as part of remediation activities at the Robin LACT facility. Copies of the executed manifests that confirm the crude-oil impacted wastes were received by the Lea Land, LLC facility for disposal are included in **Attachment D**.

Restoration Activities

After the results of confirmation samples indicated there was no soil remaining with constituents above the New Mexico Remediation Closure Limits, restoration activities were initiated in accordance with NMAC §19.15.29.12.D(2). To facilitate restoration activities, 19 loads of caliche were hauled to the Robin LACT facility for use as backfill. As shown on **Table 3**, a total of approximately 267 cubic yards (CY) of caliche were imported to the Robin LACT facility. The caliche fill material was used for backfilling the entire excavation area using 1-ft lifts. Between each 1-ft lift, water was applied to the soil and heavy equipment was used to compact the fill material. After backfilling and compaction activities, the resulting conditions in the remediation area matched the existing topographic contours. Final surface grading activities were performed to minimize the potential for ponding of water or soil erosion during future storm events.

This restoration approach was performed in accordance with NMAC §19.15.29.13(A). The surface was restored to the conditions that existed prior to the release, and pursuant to NMAC §19.15.29.13.B, no "re-vegetation" activities were performed as the area is needed for on-going production operations. Subsequently, the area was compacted in order to stabilize the surface in such a way to minimize dust and erosion to the extent practical. The comprehensive restoration activities performed were completed in accordance with NMAC §19.15.29.13.

In accordance with NMAC §19.15.29.12(E)(1)(b), photographs of the excavation area prior to remediation activities, during remediation activities, prior to backfilling, and upon completion of backfilling activities are provided in the Photographic Log presented in **Attachment E**.

CLOSING

Based on the remediation and restoration activities performed, as described above, the crude-oil release event has been appropriately addressed in accordance with NMAC §19.15.29, and no further actions are needed. With the following signature, I certify that, to the best of my ability and knowledge, all the information presented in this closure report and associated attachments is correct, and that SCM Crude, LLC has complied with all applicable closure requirements and conditions specified in division rules or directives. Subsequently, a regulatory closure of New Mexico Incident No. nAPP2434552379 is requested.

Please let us know if you have any questions or comments regarding this information. I may be reached by e-mail at R.Gonzalez@SQEnv.com, or by phone (512-541-6028).

Sincerely,
SQ Environmental, LLC

Randy Gonzalez
Sr. Project Manager

TABLE 1
ANALYTICAL RESULTS FOR CONFIRMATION SOIL SAMPLES
NE MEXICO INCIDENT No. nAPP2434552379
ROBIN LACT FACILITY
32.553694, -103.577750
LEA COUNTY, NEW MEXICO

Analyte	New Mexico Remediation Closure Limits[1]	Sample ID	CS-01 (0.0)		CS-01 (1.5)		CS-02 (0.0)		CS-02 (1.5)		CS-03 (1.0)		CS-03 (4.0)	
		Lab ID	880-53216-1		5A24003-01		880-53216-2		5A24003-02		880-53216-3		5A23009-01	
		Date	1/14/2025		1/23/2025		1/14/2025		1/23/2025		1/14/2025		1/22/2025	
		Depth	0.0 ft bgs		1.5 ft bgs		0.0 ft bgs		1.5 ft bgs		1.0 ft bgs		4.0 ft bgs	
	mg/kg	Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
TPH (EPA SW-846 Method 8015 NM)														
GRO (C6-C10)	--		1,150		< 30.5	U	416		< 28.7	U	1,530		<26.6	U
DRO (>C10-C28)	--		8,330		< 30.5	U	6,030	*	< 28.7	U	3,510	*	105	
ORO (>C28-C36)	--		<150	U	< 30.5	U	<15.1	U	< 28.7	U	<15.0	U	<26.6	U
GRO + DRO	1,000		9,480		< 30.5	U	6,450		< 28.7	U	5,040		105	
Total TPH	2,500		9,480		< 30.5	U	6,450		< 28.7	U	5,040		105	
BTEX (EPA SW-846 Method 8021B)														
Benzene	10		3.67		< 0.00122	U	0.259		< 0.00115	U	2.64		0.00165	
Toluene	--		14.2		0.00280		2.60		0.00144		14.9		0.0203	
Ethylbenzene	--		5.64		0.00363		2.92		< 0.00115	U	6.77		0.0165	
m-Xylene & p-Xylene	--		16.5		0.0176		3.91		< 0.00230	U	17.6		0.0907	
o-Xylene	--		8.87		0.00222		1.55		< 0.00115	U	8.55		0.0262	
Xylenes, Total	--		25.4		0.0198		5.46		< 0.00230	U	26.2		0.1169	
Total BTEX	50		48.9		0.0263		11.2		0.00144		50.5		0.1554	
Chloride (EPA Method 300.0)														
Chloride	20,000		72.8		14.4		54.4		10.5		96.9		24.3	

NOTES:

[1] based on Table I of NMAC §19.15.29.12 for sites with a depth to groundwater that is greater than 100 ft bgs

-- No value

< and U - Analyte not detected above the laboratory Method Detection Limit (MDL)

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

DRO - Diesel Range Organics

ft bgs - feet below ground service

GRO - Gasoline Range Organics

mg/kg - milligram per kilogram

ORO - Oil or Mineral Range Organics

TPH - Total Petroleum Hydrocarbons

Bold values indicate concentration reported above the Reporting Limit.

Gray shaded value indicates exceedance of Remediation Closure Limit after initial excavation

TABLE 1
ANALYTICAL RESULTS FOR CONFIRMATION SOIL SAMPLES
NE MEXICO INCIDENT No. nAPP2434552379
ROBIN LACT FACILITY
32.553694, -103.577750
LEA COUNTY, NEW MEXICO

Analyte	New Mexico Remediation Closure Limits[1]	Sample ID	CS-04 (1.0)		CS-04 (4.0)		CS-05 (1.0)		CS-06 (1.0)		CS-06 (1.25)	
		Lab ID	880-53216-4		5A23009-02		880-53216-5		880-53216-6		5A23009-03	
		Date	1/14/2025		1/22/2025		1/14/2025		1/14/2025		1/22/2025	
		Depth	1.0 ft bgs		4.0 ft bgs		1.0 ft bgs		1.0 ft bgs		1.25 ft bgs	
	mg/kg	Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
TPH (EPA SW-846 Method 8015 NM)												
GRO (C6-C10)	--		391		< 26.9	U	50.3		381		<25.8	U
DRO (>C10-C28)	--		1,600	*	< 26.9	U	880	*	1,910	*	47.4	
ORO (>C28-C36)	--		<15.1	U	< 26.9	U	<15.1	U	<15.1	U	<25.8	U
GRO + DRO	1,000		1,990		< 26.9	U	930		2,290		47.4	
Total TPH	2,500		1,990		< 26.9	U	930		2,290		47.4	
BTEX (EPA SW-846 Method 8021B)												
Benzene	10		0.274		0.00115		< 0.0700	U	< 0.0695	U	< 0.00103	U
Toluene	--		4.06		0.00225		1.13		2.71		0.00133	
Ethylbenzene	--		2.13		<0.00108	U	0.435		1.62		< 0.00103	U
m-Xylene & p-Xylene	--		6.63		0.00313		1.63		5.75		0.00336	
o-Xylene	--		2.89		0.00162		0.513		2.74		< 0.00103	U
Xylenes, Total	--		9.52		0.00475		2.14		8.49		< 0.00103	
Total BTEX	50		16.0		0.00815		3.71		12.8		0.00469	
Chloride (EPA Method 300.0)												
Chloride	20,000		39.1		< 1.08	U	77.3		43.1		14.4	

NOTES:

[1] based on Table I of NMAC §19.15.29.12 for sites with a depth to groundwater that is greater than 100 ft bgs

-- No value

< and U - Analyte not detected above the laboratory Method Detection Limit (MDL)

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

DRO - Diesel Range Organics

ft bgs - feet below ground service

GRO - Gasoline Range Organics

mg/kg - milligram per kilogram

ORO - Oil or Mineral Range Organics

TPH - Total Petroleum Hydrocarbons

Bold values indicate concentration reported above the Reporting Limit.

Gray shaded value indicates exceedance of Remediation Closure Limit after initial excavation

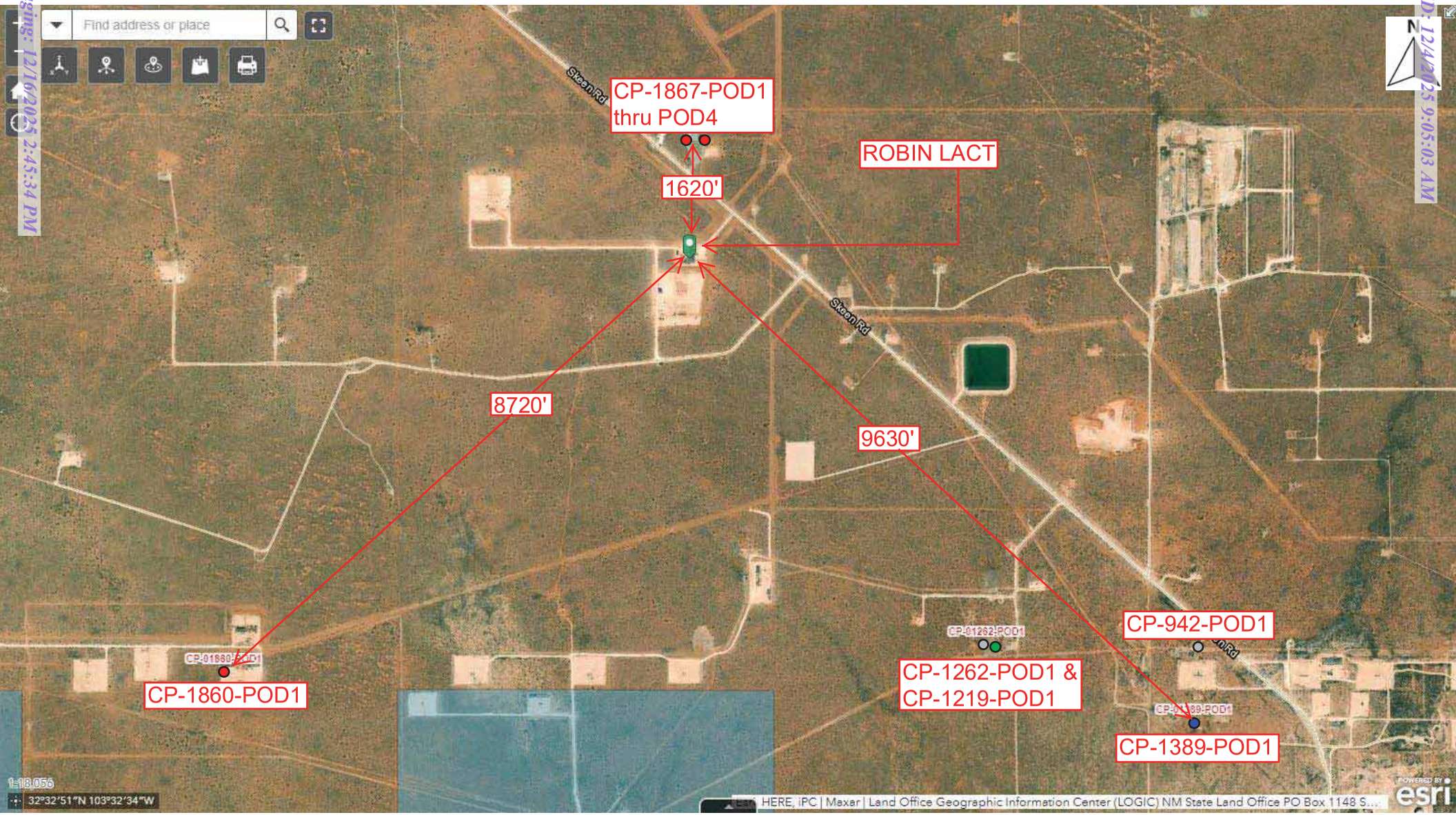
TABLE 2
CRUDE-IMPACTED SOIL DISPOSAL LOG
NEW MEXICO INCIDENT NO. nAPP2434552379
ROBIN LACT FACILITY
COORDINATES: 32.553694, -103.577750
LEA COUNTY, NEW MEXICO

Load No.	Date	Material Type	Disposal Facility	Trucking Company	Trailer No.	Manifest No.	Quantity (lbs)
1	1/14/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	MP-M30	212387	24,840
2	1/20/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	MP-M32	212538	21,440
3	1/20/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	MP-M32	212538	21,680
4	1/21/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	MP-M32	212575	22,840
5	1/22/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	MP-M32	212614	22,560
6	1/27/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	MP-M39	212740	27,620
7	1/27/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	A&J 01	212745	19,660
8	1/27/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	A&J 01	212745	17,040
9	1/27/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	A&J 02	212746	19,260
10	1/27/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	A&J 02	212746	19,560
11	1/27/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	Aguilas-07	212747	18,460
12	1/27/2025	Crude-Impacted Soil	Lea Land Surface Waste Landfill; Lea County, NM	McNabb Partners, LLC	Aguilas-07	212747	18,780
						TOTAL QUANTITY (lbs) =	**253,740**
						TOTAL WEIGHT (tons) =	**126.9**

TABLE 3
IMPORTED FILL MATERIAL LOG
NEW MEXICO INCIDENT NO. nAPP2434552379
ROBIN LACT FACILITY
COORDINATES: 32.553694, -103.577750
LEA COUNTY, NEW MEXICO

Load No.	Date	Material Type	Trucking Company	Trailer No.	Quantity (CY)
1	1/14/2025	Caliche	McNabb Partners, LLC	MP-M30	18
2	1/21/2025	Caliche	McNabb Partners, LLC	MP-M32	18
3	1/22/2025	Caliche	McNabb Partners, LLC	MP-M32	18
4	1/23/2025	Caliche	McNabb Partners, LLC	MP-M32	18
5	1/23/2025	Caliche	McNabb Partners, LLC	MP-M32	18
6	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
7	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
8	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
9	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
10	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
11	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
12	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
13	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
14	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
15	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
16	1/24/2025	Caliche	McNabb Partners, LLC	MP-M7	12
17	1/25/2025	Caliche	McNabb Partners, LLC	MP-M37	15
18	1/25/2025	Caliche	McNabb Partners, LLC	MP-M37	15
19	1/25/2025	Caliche	McNabb Partners, LLC	MP-M37	15
				TOTAL QUANTITY (CY) =	**267**

FIGURE 1 - POINTS OF DIVERSION WELL LOCATION MAP

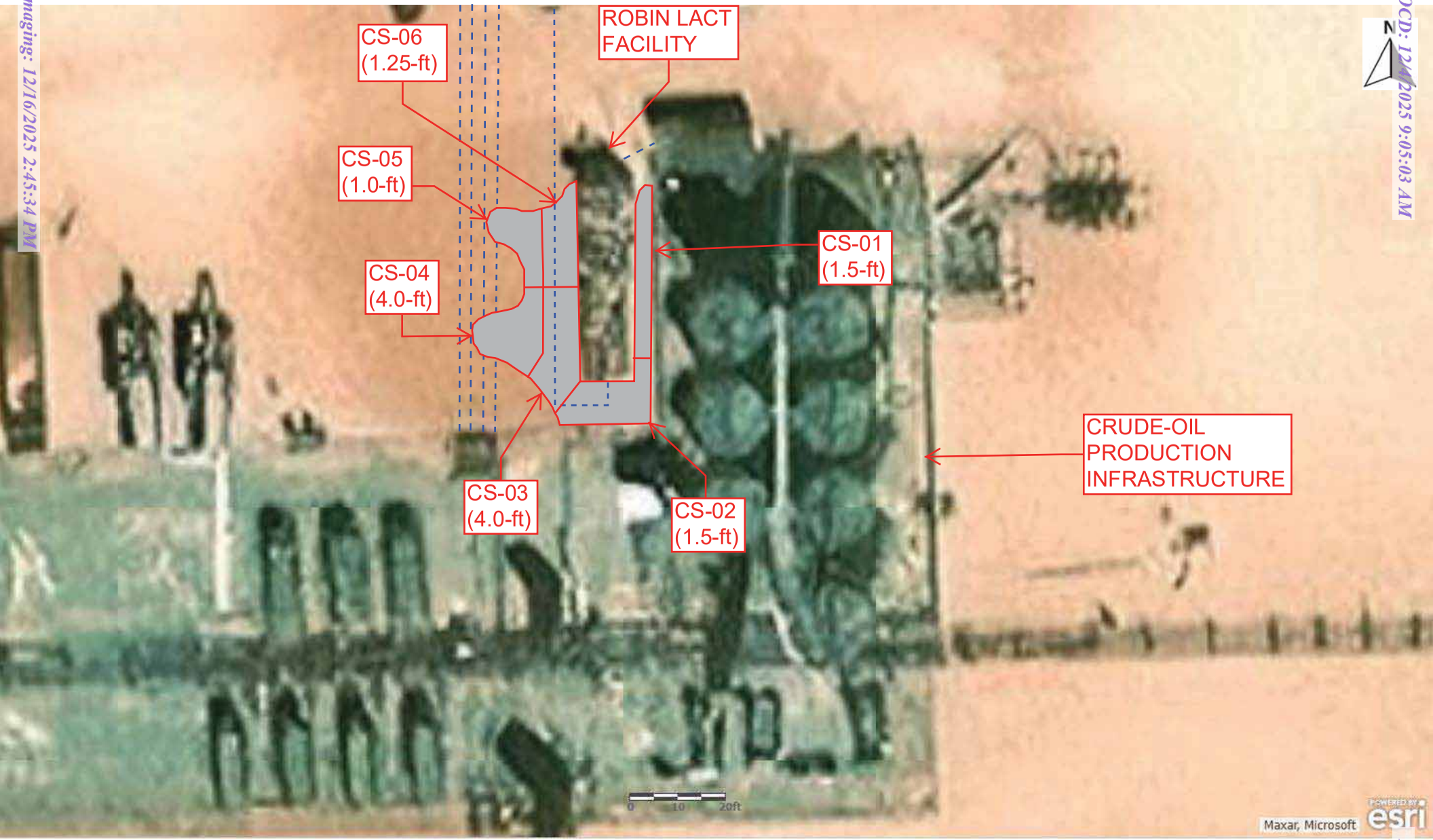


LEGEND

- "PLUGGED" POINT OF DIVERSION WELL
- "PENDING" POINT OF DIVERSION WELL
- "ACTIVE" POINT OF DIVERSION WELL
- "OTHER" POINT OF DIVERSION WELL
- ROBIN LACT

SOURCE: MAXAR AERIAL IMAGE DATED 8/19/2019

FIGURE 2 - LIMITS OF EXCAVATION MAP



LEGEND

- EXCAVATION AREA
- EXTENT OF SUB-AREA
- SUBSURFACE UTILITY

NOTES

1. SUB-AREAS ARE IDENTIFIED ON THE MAP
2. THE AVERAGE EXCAVATION DEPTH FOR EACH SUB-AREA IS PRESENTED ON MAP.
3. SCALE IS PRESENTED ON MAP.

SOURCE: MAXAR AERIAL IMAGE DATED 8/19/2019

ATTACHMENT A

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD-1		CP 1867 POD 1

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XCEL Energy	806-457-6291

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
7801 I-40 East	Amarillo	TX	79118

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	33	29.08	N
	LONGITUDE	-103	34	37.62	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

Lynch Substation 359 Skeen Road Hobbs, NM 88240

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1755	John D. Norris	Hungry Horse, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
7 Apr 21	9 Apr 21		200'	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	NO CASING						
					OSE DII MAY 10 2021		

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
1'	20'	6"	Bentonite Chips	6.75 cf	TOP
20'	200'	6"	Metallurgical Coke Breeze	18 cf	TOP

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. CP-1867	POD NO. 1	TRN NO. 689366
LOCATION 241 T20S R34E Sec20	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	6'	6'	Topsoil	Y (N)	
6'	33'	27'	Caliche	Y N	
33'	92'	59'	Sand	Y N	
92'	172'	80'	Red Clay	Y N	
172'	200'	28'	Sand	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: NOT Tested

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

Borehole was for grounding well

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Tobias Peters

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

John Norris — John D. Norris — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

4-6-21 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. CP-1867	POD NO. 1	TRN NO. 689366	
LOCATION 241 T20S R34E Sec20		WELL TAG ID NO. NA	PAGE 2 OF 2

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 689366
File Nbr: CP 01867
Well File Nbr: CP 01867 POD1

May. 12, 2021

VERNON K BLACK
HUNGRY HORSE LLC
PO BOX 1058
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 03/08/2021.

The Well Record was received in this office on 05/12/2021, stating that it had been completed on , and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/08/2022.

If you have any questions, please feel free to contact us.

Sincerely,

Andrew Dennis
(575)622-6521

drywell

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): POD-2	WELL TAG ID NO.	OSE FILE NO(S).: CP 1867 POD 2
WELL OWNER NAME(S): XCEL Energy		PHONE (OPTIONAL): 806-457-6291
WELL OWNER MAILING ADDRESS: 7801 I-40 East	CITY: Amarillo	STATE: TX ZIP: 79118

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	33	29.10	N
LONGITUDE	-103	34	40.37	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE: Lynch Substation 359 Skeen Road Hobbs, NM 88240

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1755	John D. Norris	Hungry Horse, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
7Apr21	9Apr21		200'	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	NO Casing						

USE DTW MAY 10 2021

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20'	6"	Bentonite Chips	9.62cf	TOP
20'	200'	6"	Metallurgical Coke Breeze	19 cf	TOP

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. CP-1867	POD NO. 2	TRN NO. 698866	
LOCATION 29 1 T20S R34E Sec20		WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	6'	6'	Topsoil	Y (N)	
6'	33'	27'	caliche	Y N	
33'	92'	59'	Sand	Y N	
92'	172'	80'	Red Clay	Y N	
172'	200'	28'	Sand	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: NOT Tested

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

Borehole was for grounding well

OSE DIT MAY 10 2021 AM 8:58

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Tobias Peters

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

John Norris — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

4-6-21 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO.	POD NO.	TRN NO.	
CP-1867	2	649366	
LOCATION 24 T20S R34E Sec 20		WELL TAG ID NO. N/A	PAGE 2 OF 2

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 689366
File Nbr: CP 01867
Well File Nbr: CP 01867 POD2

May. 12, 2021

VERNON K BLACK
HUNGRY HORSE LLC
PO BOX 1058
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 03/08/2021.

The Well Record was received in this office on 05/12/2021, stating that it had been completed on 04/09/2021, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/08/2022.

If you have any questions, please feel free to contact us.

Sincerely,

Andrew Dennis
(575)622-6521

drywell

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): POD-3	WELL TAG ID NO.	OSE FILE NO(S.): CP 1867 POD 3
WELL OWNER NAME(S): XCEL Energy		PHONE (OPTIONAL): 866-457-6291
WELL OWNER MAILING ADDRESS: 7801 I-40 East		CITY: Amarillo STATE: TX ZIP: 79118

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	33	30.80	N
LONGITUDE	-103	34	37.75	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE: Lynch Substation 359 Skeen Road Hobbs, NM 88240

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1755	John D. Norris	Hungry Horse, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
7Apr21	9Apr21		220'	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	NO Casing						

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20'	6"	Bentonite Chips	6.75 cf	TOP
20'	220'	6"	Metallurgical Coke Breeze	19 cf	TOP

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.
CP-1867	3	689366

LOCATION 24 T20S R34E Sec20 — WELL TAG ID NO. NA — PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	6'	6'	Topsoil	Y (N)	
6'	33'	27'	Caliche	Y (N)	
33'	92'	59'	Sand	Y (N)	
92'	206'	114'	Red ~~Sand~~ clay	Y (N)	
206'	220'	14'	Sand	Y (N)	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: NOT Tested

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

Borehole was for grounding well

OSE DII MAY 10 2021 AM8:57

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Tobias Peters

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

John McNorris — John D. Norris — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

4-6-21 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. CP-1867	POD NO. 3	TRN NO. 689366	
LOCATION 24 T20S R34E Sec 20		WELL TAG ID NO. NA	PAGE 2 OF 2

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 689366
File Nbr: CP 01867
Well File Nbr: CP 01867 POD3

May. 12, 2021

VERNON K BLACK
HUNGRY HORSE LLC
PO BOX 1058
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 03/08/2021.

The Well Record was received in this office on 05/10/2021, stating that it had been completed on 04/09/2021, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/08/2022.

If you have any questions, please feel free to contact us.

Sincerely,

Andrew Dennis
(575)622-6521

drywell

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.) POD-4	WELL TAG ID NO.	OSE FILE NO(S). CP 1867 POD 4
WELL OWNER NAME(S) XCEL Energy		PHONE (OPTIONAL) 806-457-6291
WELL OWNER MAILING ADDRESS 7801 I-40 East	CITY Amarillo	STATE TX ZIP 79118

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	33	30.91	N
LONGITUDE	-103	34	40.34	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Lynch Substation 359 Skeen Road Hobbs, NM 88240

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1755	John D. Norris	Hungry Horse, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
7Apr21	9Apr21		220'	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	No Casing						

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20'	6"	Bentonite Chips	6.75 cf	TOP
20'	220	6"	Metallurgical Coke Breeze	19 cf	TOP

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. CP-1867	POD NO. 4	TRN NO. 689366	
LOCATION 21 4 T20S R34E Sec 20		WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	6'	6'	Topsoil	Y (N)	
6'	33'	27'	Caliche	Y (N)	
33'	92'	59'	Sand	Y (N)	
92'	206'	114'	Red Clay	Y (N)	
206'	220'	14'	Sand	Y (N)	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: NOT Tested

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:
Borehole was for grounding well

OSE DII MAY 10 2021 AM 8:57

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:
Tobias Peters

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

John D. Morris — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

4-6-21 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. CP-1867	POD NO. 4	TRN NO. 689366	
LOCATION 21 4 T20S R34E Sec20		WELL TAG ID NO. NA	PAGE 2 OF 2

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 689366
File Nbr: CP 01867
Well File Nbr: CP 01867 POD4

May. 13, 2021

VERNON K BLACK
HUNGRY HORSE LLC
PO BOX 1058
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 03/08/2021.

The Well Record was received in this office on 05/13/2021, stating that it had been completed on 04/09/2021, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/08/2022.

If you have any questions, please feel free to contact us.

Sincerely,

Andrew Dennis
(575)622-6521

drywell

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

John R. D'Antonio , P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, NM 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

May 14, 2021

Trace Thompson
6838 Old Chisum Trail
Dexter, NM 88230

RE: Well Plugging Record for OSE File No. CP-1867 POD1

Greetings:

Please find enclosed Well Plugging Record, received and filed in our office on 05/10/21

Thank you,

Andrew Dennis
Engineering Technician

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP 1867 POD 1

Well owner: Excel Energy Phone No.: 806-457-6291

Mailing address: 7801 I 40 East

City: Amarillo State: TX Zip code: 79118

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Hungry Horse, LLC

2) New Mexico Well Driller License No.: 1755 Expiration Date: 140CT21

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Tobias Peters

4) Date well plugging began: 7Apr21 Date well plugging concluded: 7Apr21

5) GPS Well Location: Latitude: 32 deg, 33 min, 29.08 sec
Longitude: -103 deg, 34 min, 57.62 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 200 ft below ground level (bgl), by the following manner: Tape Measure

7) Static water level measured at initiation of plugging: 0 ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: _____

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII MAY 10 2021 AM 8:58

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
20'	Bentonite chips	50.49		TOP	
	Metallurgical Coke Breeze	134.64		TOP	
200'					

OSE DIT MAY 10 2021 AM 8:58

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, John D. Norris, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

John Norris — Signature of Well Driller

4-6-21 — Date

Version: September 8, 2009
Page 2 of 2

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

John R. D'Antonio , P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, NM 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

May 14, 2021

Trace Thompson
6838 Old Chisum Trail
Dexter, NM 88230

RE: Well Plugging Record for OSE File No. CP-1867 POD2

Greetings:

Please find enclosed Well Plugging Record, received and filed in our office on 05/10/21

Thank you,

Andrew Dennis
Engineering Technician

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP 1867 POD 2

Well owner: Excel Energy Phone No.: 806-457-6291

Mailing address: 7801 I 40 East

City: Amarillo State: TX Zip code: 79118

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Hungry Horse, LLC

2) New Mexico Well Driller License No.: 1755 Expiration Date: 140CT21

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Tobias Peters

4) Date well plugging began: 8 Apr 21 Date well plugging concluded: 8 Apr 21

5) GPS Well Location: Latitude: 32 deg, 33 min, 29.10 sec
Longitude: -103 deg, 34 min, 46.37 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 200' ft below ground level (bgl), by the following manner: Tape Measure

7) Static water level measured at initiation of plugging: 0 ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: _____

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII MAY 10 2021 AM 8:55

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremic pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
20'	Bentonite Chips	71.96		TOP	
	Metallurgical Coke Breeze	142.12		TOP	
200'					

OSE DII MAY 10 2021 AM8:59

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, John D. Norris, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

John Norris — Signature of Well Driller

4-6-21 — Date

Version: September 8, 2009
Page 2 of 2

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

John R. D'Antonio , P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, NM 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

May 14, 2021

Trace Thompson
6838 Old Chisum Trail
Dexter, NM 88230

RE: Well Plugging Record for OSE File No. CP-1867 POD3

Greetings:

Please find enclosed Well Plugging Record, received and filed in our office on 05/10/21

Thank you,

Andrew Dennis
Engineering Technician

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP 1867 POD 3

Well owner: Excel Energy Phone No.: 806-457-6291

Mailing address: 7801 I 40 East

City: Amarillo State: TX Zip code: 79118

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Hungry Horse, LLC

2) New Mexico Well Driller License No.: 1755 Expiration Date: 140CT21

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Tobias Peters

4) Date well plugging began: 9 Apr 21 Date well plugging concluded: 9 Apr 21

5) GPS Well Location: Latitude: 32 deg, 33 min, 30.80 sec
Longitude: -103 deg, 34 min, 40.34 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 220' ft below ground level (bgl), by the following manner: Tape Measure

7) Static water level measured at initiation of plugging: 0 ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: _____

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DIT MAY 10 2021 PM 8:58

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
20'	Bentonite chips	50.49		Top	
	Metallurgical Coke Breeze	148.96			
220'					

OSE DIT MAY 10 2021 AM 8:52

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, John D. Norris, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

4-6-21
Date

Version: September 8, 2009
Page 2 of 2

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

John R. D'Antonio , P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, NM 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

May 14, 2021

Trace Thompson
6838 Old Chisum Trail
Dexter, NM 88230

RE: Well Plugging Record for OSE File No. CP-1867 POD4

Greetings:

Please find enclosed Well Plugging Record, received and filed in our office on 05/10/21

Thank you,

Andrew Dennis
Engineering Technician

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP 1867 POD 4

Well owner: Excel Energy Phone No.: 806-457-6291

Mailing address: 7801 I 40 East

City: Amarillo State: TX Zip code: 79118

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Hungry Horse, LLC

2) New Mexico Well Driller License No.: 1755 Expiration Date: 140CT21

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Tobias Peters

4) Date well plugging began: 6Apr21 Date well plugging concluded: 6Apr21

5) GPS Well Location: Latitude: 32 deg, 33 min, 3091 sec
Longitude: -103 deg, 34 min, 40.34 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 220' ft below ground level (bgl), by the following manner: Tape Measure

7) Static water level measured at initiation of plugging: 0 ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: _____

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DIT MAY 10 2021 AM 8:59

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
20	Bentonite Chips	50.49		TOP	
220'	Metallurgical Coke Breeze	142.12		TOP	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, John D. Norris, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

John Norris — Signature of Well Driller

4-6-21 — Date

Version: September 8, 2009
Page 2 of 2

WELL RECORD & LOG
OFFICE OF THE STATE ENGINEER
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (BH-01)	n/a	~~C-1860~~ CP-1860

WELL OWNER NAME(S)	PHONE (OPTIONAL)		
XTO Energy (Kyle Littrell)			
WELL OWNER MAILING ADDRESS	**CITY**	**STATE**	**ZIP**
6401 Holiday Hill Dr.	Midland	TX	79707

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS		
	LATITUDE	32°	32'	15.33"	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE	-103°	35'	56.38"	W	* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

SW SE Sec. 30 T20S R34E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
02/25/2021	02/25/2021	temporary well material	112	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	112	±6.5	Boring- HSA	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

OSE DII MAR 11 2021

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. CP-1860	POD NO. 1	TRN NO. 682530
LOCATION 32 3 T20S R34E Sec 30	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	2	2	Caliche, tan, off-white, no odor, no stain, gravel, dry	Y ✓ N	
2	6	4	Sand, brown, no odor,no stain, m-f,well sorted, trace silt, dry	Y ✓ N	
6	15	9	Sandy clay,brown, moist, no odor, no stain, m-f, well sorted, no plasticty, no coh	Y ✓ N	
15	21	6	Clayey sand, tan-brown, moist, no odor, no stain, m-f, well sorted, cohesive, low	Y ✓ N	
21	--	--	Caliche w/ sand, tan, off-white, no odor, no stain, m-f grain, well sorted, dry	Y ✓ N	
--	40	19	23-gravel caliche 37-increase in sand content	Y ✓ N	
40	44	44	Sand w/ caliche, tan, brown, m-f grain, well sorted, no odor, no stain, dry	Y ✓ N	
44	58	14	Sandstone, mod. consolidation, m-f grain, increasing caliche tan/brown, dry,	Y ✓ N	
58	65	7	Clayey sand, brown, dry, m-f grain, well sorted, cohesive, medium plasticity	Y ✓ N	
65	78	13	Claystone, no odor, no stain, high plasticity, cohesive,brown, moist	Y ✓ N	
78	79	2	med-f grain sand stringer	Y ✓ N	
79	108	29	Claystone, no odor, no stain, high plasticity, cohesive,brown, moist	Y ✓ N	
108	109	1	fine grain sand stringer	Y ✓ N	
109	112	3	Claystone, no odor, no stain, high plasticity, cohesive,brown, moist	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.

OSE DIT MAR 11 2021 PM4:28

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 03/09/2021

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO.	CP - 1860	POD NO.	1	TRN NO.	682530
LOCATION	323 T20S R34E Sec30			WELL TAG ID NO.	NA

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 682530
File Nbr: CP 01860
Well File Nbr: CP 01860 POD1

Apr. 08, 2021

TACOMA MORRISSEY
WSP USA
3300 NORTH A STREET
BLDG 1 #222
MIDLAND, TX 79705

Greetings:

The above numbered permit was issued in your name on 12/01/2020.

The Well Record was received in this office on 03/11/2021, stating that it had been completed on 02/25/2021, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 12/01/2021.

If you have any questions, please feel free to contact us.

Sincerely,

Andrew Dennis
(575)622-6521

drywell

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: ~~C-~~1860- POD1 CP-1860-POD1

Well owner: XTO ENERGY (Kyle Littrell) Phone No.: 432.682.8873

Mailing address: 6401 Holiday Hill Dr.

City: Midland State: Texas Zip code: 79707

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/21

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge

4) Date well plugging began: 03/02/2021 Date well plugging concluded: 03/02/2021

5) GPS Well Location: Latitude: 32 deg, 32 min, 15.33 sec
Longitude: -103 deg, 35 min, 56.38 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 112 ft below ground level (bgl), by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 12/02/2020

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII MAR 11 2021 PM4:28

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 16 gallons	16 gallons	Augers	
	10'-112' Drill Cuttings	Approx. 175 gallons	175 gallons	Boring	

OSE DII MAR 11 2021 PM4:28

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

Signature of Well Driller

03/09/2021

Date

Version: September 8, 2009
Page 2 of 2

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

John R. D'Antonio , P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, NM 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

April 8, 2021

XTO Energy
6401 Holiday Hill Dr.
Midland, TX 79707

RE: Well Plugging Record for OSE File No. CP-1860-POD1

Greetings:

Please find enclosed Well Plugging Record, received and filed in our office on 03/11/21

Thank you,

Andrew Dennis
Engineering Technician

2020-03-09_C-1860-POD1_OSE_Well Record and Log_sev-forsign

Final Audit Report 2021-03-09

Created:	2021-03-09
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAgHYQ9RCntKlwV1c2QUUYtKrCDWt3osd0

"2020-03-09_C-1860-POD1_OSE_Well Record and Log_sev-for sign" History

Document created by Lucas Middleton (lucas@atkinseng.com)
2021-03-09 - 8:57:14 PM GMT- IP address: 69.21.248.123

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-03-09 - 8:58:37 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2021-03-09 - 9:39:50 PM GMT- IP address: 74.50.153.115

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-03-09 - 9:55:57 PM GMT - Time Source: server- IP address: 74.50.153.115

Agreement completed.
2021-03-09 - 9:55:57 PM GMT

OSE DIT MAR 11 2021 PM4:28

Adobe Sign

File No. CP-1262

NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, OR 72-12-1.3 NEW MEXICO STATUTES

For fees, see State Engineer website: http://www.ose.state.nm.us/

2-3384

1. APPLICANT(S)

Name: **Berry Ranch**	Name:
Contact or Agent: **Daniel C. Berry III** check here if Agent ☐	Contact or Agent: check here if Agent ☐
Mailing Address: **Box 160**	Mailing Address:
City: **Eunice**	City:
State: **NM** Zip Code: **88231**	State: Zip Code:
Phone: **575-393-6964** ☒ Home ☐ Cell Phone (Work): **575-369-5266**	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional):	E-mail (optional):

2. WELL LOCATION Required: Coordinate location must be New Mexico State Plane (NAD 83), UTM (NAD 83), or Lat/Long (WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

NM State Plane (NAD83) - In feet	NM West Zone ☐ NM Central Zone ☐ NM East Zone ☐	X (in feet): Y (in feet):					
UTM (NAD83) - In meters	UTM Zone 13N ☐ UTM Zone 12N ☐	Easting (in meters): Northing (in meters):					
Lat/Long (WGS84) - To 1/10th of second	Latitude: **32**	deg	**32**	min	**19.19**	sec	
	Longitude: **103**	deg	**33**	min	**50.96**	sec	

Other Location Information (complete the below, if applicable):

PLSS Quarters or Halves: **SW 1/4 SW 1/4 SE 1/4** Section: **28** Township: **20S** Range: **34E**

County: **Lea**

Land Grant Name (if applicable):

Lot No: Block No: Unit/Tract: Subdivision:

Hydrographic Survey: Map: Tract:

Other description relating point of diversion to common landmarks, streets, or other: **1 1/8 mile north of State Road 176**

Point of Diversion is on Land Owned by (Required): Us

STATE ENGINEER OFFICE 2025 NOV 13 P 1:19

POD Renumbered

From: CP-1262

To: CP-01262 POD1

FOR OSE INTERNAL USE Application for Permit, Form wr-01, Rev 3/8/12

File Number: CP-1262		Trn Number: 537074	
Sub-basin:	POD No. 1	Log Due Date: 11/20/14	

3. PURPOSE OF USE

- ☐ Domestic use for one household
- ☒ Livestock watering
- ☐ Domestic use for more than one household. Number of households _____
- ☐ Drinking and sanitary uses that are incidental to the operations of a governmental, commercial, or non-profit facility
- ☐ Prospecting, mining or drilling operations to discover or develop natural resources
- ☐ Construction of public works, highways and roads
- ☐ Domestic use for one household and livestock watering
- ☐ Domestic use for multiple households and livestock watering
- ☐ Domestic well to accompany a house or other dwelling unit constructed for sale

4. WELL INFORMATION

File Information: (If existing well, provide OSE no. & indicate below if well is to be replacement, repaired or deepened, or supplemental. If new well, leave blank, as OSE must assign no.)

OSE Well No.(If Existing) **EXISTING NOT ON FILE**	New Well No. (provided by OSE)
Driller Name: Unknown	**Driller License Number:**
Approximate Depth of Well (feet):	Outside Diameter of Well Casing (inches):

☐ Replacement well (List all existing wells if more than one):	☐ Repair or Deepen: ☐ Clean out well to original depth ☐ Deepen well from _____ to _____ ft. ☐ Other (Explain):	☐ Supplemental well (List OSE No. for all wells this will supplement):

5. ADDITIONAL STATEMENTS OR EXPLANATIONS

This is a recompletion of West Lynch Deep Unit 1 Exploratory Gas Well as a water well on the Berry Ranch. This well is known as Silver Well.

STATE ENGINEER OFFICE
2013 NOV 13 P 1:19

ACKNOWLEDGEMENT

I, We (name of applicant(s)), **Daniel C. Berry III**
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Daniel C Berry III
Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER (FOR OSE USE ONLY)

This application is approved subject to the attached general and specific conditions of approval.

Witness my hand and seal this 20 day of Nov 20 13, for the State Engineer,

By: [signature]
Signature

Azucena Ramirez
Print

FOR OSE INTERNAL USE Application for Permit, Form wr-01, Rev 3/8/12

File Number: CP-1262		Trn Number: 537074	
Sub-basin:	POD No. 1		Log Due Date: 11/20/14

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL (A thru P)

06-A The maximum amount of water that may be appropriated under this permit is 3.000 acre-feet in any year.

06-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).

06-C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.

06-D The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.

06-E To request a change to the use of water authorized under this permit, the permittee shall file an application with the State Engineer.

06-F An application for a new 72-12-1.1 domestic well permit where the proposed point of diversion is to be located on the same legal lot of record as an operational 72-12-1.1 domestic well shall be treated as an application for a supplemental well.

06-G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

06-H The drilling of the well and amount and uses of water permitted are subject to such limitations as may be imposed by a court or by lawful municipal or county ordinance which are more restrictive than the conditions of this permit and applicable State Engineer regulations.

06-I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

Trn Desc: CP 01262 File Number: CP 01262
Log Due Date: 11/20/2014 Trn Number: 537074
Form: wr-01 page: 1

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL (Continued)

06-J The well shall be set back a minimum of 50 ft. from an existing well of other ownership unless a variance has been granted by the State Engineer. The State Engineer may grant a variance for a replacement well or to allow for maximum spacing of the well from a source of groundwater contamination. The well shall be set back from potential sources of contamination in accordance with rules and regulations of the NM Environment Department.

06-K Pursuant to section 72-8-1 NMSA, the permittee shall allow the State Engineer and his representatives entry upon private property for the performance of their respective duties, including access to the well for meter reading and water level measurement.

06-L The permit is subject to cancellation for non-compliance with the conditions of approval or if otherwise not exercised in accordance with the terms of the permit.

06-M The right to divert water under this permit is subject to curtailment by priority administration as implemented by the State Engineer or a court.

06-N In the event of any change of ownership to this permit the new owner shall file a change of ownership form with the State Engineer in accordance with Section 72-1-2.1 NMSA.

06-O This well permit shall automatically expire unless the well is completed and the well record is filed with the State Engineer within one year of the date of issuance of the permit. It is the responsibility of the permit holder to ensure that the well record has been properly filed with the State Engineer.

06-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between geologic zones.

06-Q The State Engineer retains jurisdiction over this permit.

SPECIFIC CONDITIONS OF APPROVAL

06-10 Total diversion from all wells under this permit number shall not exceed 3.000 acre-feet per annum.

Trn Desc: CP 01262 File Number: CP 01262
Log Due Date: 11/20/2014 Trn Number: 537074
Form: wr-01 page: 2

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

SPECIFIC CONDITIONS OF APPROVAL (Continued)

06-18 Any diversion of water made in excess of the authorized maximum diversion amount shall be repaid with twice the amount of the over-diversion during the following calendar year. Repayment shall be made by either: (a) reducing the diversion from the well that is the source of the over-diversion; or (b) acquiring or leasing a valid, existing consumptive use water right in an amount equal to the repayment amount and submitting to the State Engineer for his approval a plan for the proposed repayment.

06-19 This permit authorizes the diversion of water for domestic use to serve a single household and livestock. The maximum combined total diversion of water under this permit shall not exceed 3.000 acre-feet per year.

LOG This permit will automatically expire unless the well CP 01262 POD 1 is completed and the well record filed on or before 11/20/2014.

1. All PODS shall be secured and closed properly for the public welfare and safety for open ground to prevent physical hazards.

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions listed above.

Witness my hand and seal this 20 day of Nov A.D., 2013

Scott A. Verhines, P.E., State Engineer

By: Azucena Ramirez

Trn Desc: CP 01262 File Number: CP 01262
Log Due Date: 11/20/2014 Trn Number: 537074
Form: wr-01 page: 3

Locator Tool Report

General Information:

Application ID:29 Date: 11-19-2013 Time: 13:03:30

WR File Number: CP
Purpose: POINT OF DIVERSION

Applicant First Name: BERRY RANCH
Applicant Last Name: DANIEL C. BERRY III

GW Basin: CAPITAN
County: LEA

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of NW 1/4 of SW 1/4 of SE 1/4 of Section 28, Township 20S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude:	32 Degrees	32 Minutes	19.2 Seconds	N
Longitude:	103 Degrees	33 Minutes	51.0 Seconds	W

Universal Transverse Mercator Zone: 13N

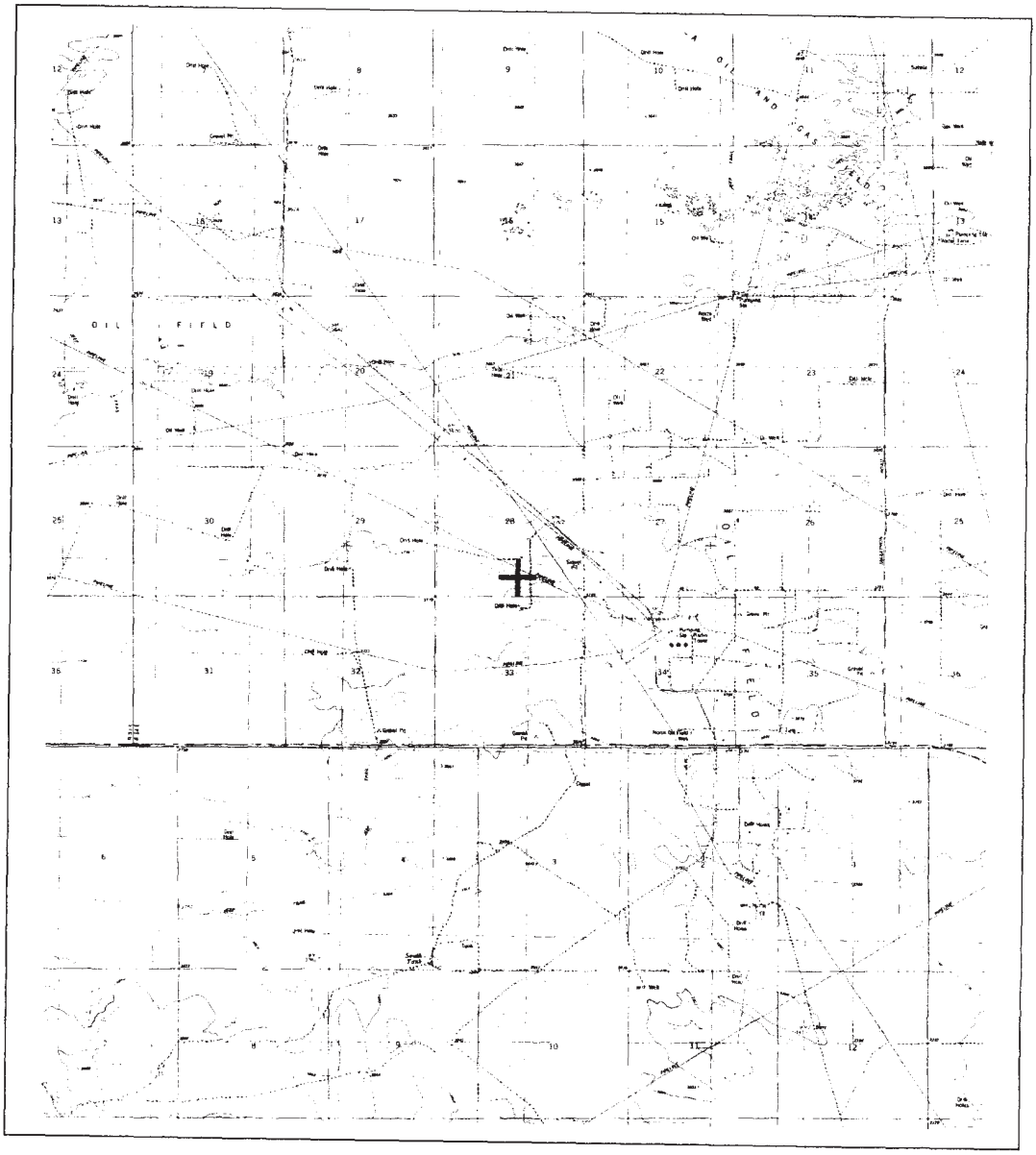
NAD 1983(92) (Meters)	N: 3,601,054	E: 634,830
NAD 1983(92) (Survey Feet)	N: 11,814,458	E: 2,082,772
NAD 1927 (Meters)	N: 3,600,851	E: 634,879
NAD 1927 (Survey Feet)	N: 11,813,793	E: 2,082,933

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 170,857	E: 237,248
NAD 1983(92) (Survey Feet)	N: 560,552	E: 778,372
NAD 1927 (Meters)	N: 170,838	E: 224,696
NAD 1927 (Survey Feet)	N: 560,490	E: 737,191

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: CP Scale: 1:77,058

Northing/Easting: UTM83(92) (Meter): N: 3,601,054 E: 634,830

Northing/Easting: SPCS83(92) (Feet): N: 560,552 E: 778,372

GW Basin: Capitan

Print Date: 11/19/2013

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, AND 72-12-1.3 NEW MEXICO STATUTES

INSTRUCTIONS

1. The application shall be made in the name of the actual user of the well for the purpose specified in the application (if the agent is submitting the application, check the agent box).
2. The application shall be filed with the appropriate filing fee.
3. A separate application must be filed for each well to be drilled or used.
4. If well to be used is an existing well, an explanation (and the file number, if possible) should be given under Remarks (Item 5).

FEE SCHEDULE FOR APPLICATIONS
72-12-1.1 (domestic) = $125.00
72-12-1.2 (livestock) = $5.00
72-12-1.3 (temporary) = $5.00
Replacement well = $ 75.00
Supplemental well= $125.00
Repair or Deepen = $ 75.00
Amend Domestic Use = $ 75.00

5. If well is to be used for livestock watering on state or federal land, proof of the following must be included as part of the application; (a) applicant is legally entitled to place his or her livestock on the land where the water is to be used, (b) applicant has been granted access to the drilling site and has permission to occupy the portion of the land as is necessary to drill and operate the well.
6. An application to drill a well on land owned by another person, the state of New Mexico, the federal government, or another entity shall be accompanied by written consent of the landowner.
7. For an application for drinking and sanitary uses that are incidental to the operations of a governmental, commercial, or non-profit facility, the applicant shall demonstrate that no alternative water supply is reasonably accessible or available.
8. An application for a 72-12-1.1 domestic well to serve multiple households shall be filed with documentation listing the number of households to be served by the well, the owner's contact information for each household to be served, and a description of the legal lot of record for each household to be served. A copy of a well share agreement may be filed to support the claim that the 72-12-1.1 domestic well will serve more than one household.
9. The Office of the State Engineer may require an application to be filed with a deed or purchase contract and plat of survey on file with the appropriate county.
10. See General Conditions of Approval for more information.

Application for permit, well records and requests for information in the following basins should be addressed to the Office of the State Engineer at:

Bluewater, Estancia, Gallup, Middle Rio Grande, Northern Tularosa, and Sandia Basins
District No. 1. 5550 San Antonio Dr. NE , Albuquerque, NM 87109 Phone # 505-383-4000

Capitan, Carlsbad, Casey Lingo, Curry County, Fort Sumner, Hagerman Canal, Hondo, Jal, Lea County, Peñasco, Roswell-Artesian, and Portales Basins
District No. 2. 1900 West Second St., Roswell, NM 88201 Phone # 575-622-6521

Animas, Cloverdale, Gila-San Francisco, Hachita, Lordsburg Valley, Mimbres, Mount Riley, Nutt-Hockett, Playas, San Simon, Virden Valley, and Yaqui Basins
District No. 3. P.O. Box 844, Deming, NM 88031 Phone # 575-546-2851

Lower Rio Grande, Southern Tularosa, Hueco, Las Animas Creek, Salt, and Hot Springs Basins
District No. 4. 1680 Hickory Loop, Suite J, Las Cruces, NM 88005. Phone # 575-524-6161

San Juan Basin
District No. 5. 100 Gossett Drive, Suite A, Aztec, NM 87410 Phone # 505-334-4571

Northern Rio Grande and Upper Pecos Basins
District No. 6. P.O. Box 25102, Santa Fe, NM 87504-5102 Phone # 505-827-6120

Canadian River, Clayton, and Tucumcari Basins
District No. 7. P.O. Box 481, 301 East 9th Street, Cimarron, NM 87714 Phone # 575-376-2918

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, or 72-12-1.3 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL

06A The maximum amount of water that may be appropriated under this permit is acre-feet in any year.

06B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).

06C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request, or may be printed from the OSE website at www.ose.state.nm.us, under applications & forms.

06D The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.

06E To request a change to the use of water authorized under this permit, the permittee shall file an application with the State Engineer.

06F An application for a new 72-12-1.1 domestic well permit where the proposed point of diversion is to be located on the same legal lot of record as an operational 72-12-1.1 domestic well shall be treated as an application for a supplemental well.

06G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

06H The drilling of the well and amount and uses of water permitted are subject to such limitations as may be imposed by a court or by lawful municipal or county ordinance which are more restrictive than the conditions of this permit and applicable State Engineer regulations.

06I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

06J The well shall be set back a minimum of 50 feet from an existing well of other ownership unless a variance has been granted by the State Engineer. The State Engineer may grant a variance for a replacement well or to allow for maximum spacing of the well from a source of groundwater contamination. The well shall be set back from potential sources of contamination in accordance with rules and regulations of the New Mexico Environment Department.

06K Pursuant to Section 72-8-1 NMSA, the permittee shall allow the State Engineer and his representatives entry upon private property for the performance of their respective duties, including access to the well for meter reading and water level measurement.

06L The permit is subject to cancellation for non-compliance with the conditions of approval or if otherwise not exercised in accordance with the terms of the permit.

06M The right to divert water under this permit is subject to curtailment by priority administration as implemented by the State Engineer or a court.

06N In the event of any change of ownership to this permit the new owner shall file a change of ownership form with the State Engineer in accordance with Section 72-1-2.1 NMSA.

06O This well permit shall automatically expire unless the well is completed and the well record is filed with the State Engineer within one year of the date of issuance of the permit. It is the responsibility of the permit holder to ensure that the well record has been properly filed with the State Engineer.

Scott A. Verhines, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 537074
File Nbr: CP 01262

Nov. 20, 2013

DANIEL C. BERRY III
BERRY RANCH
P.O. BOX 160
EUNICE, NM 88231

Greetings:

Enclosed is your copy of the above numbered permit that has been approved in accordance with NM Statute Section 72-12-1 subject to the conditions set forth on the approval page.

Please review the conditions for any required submittals. If submittals are not made by the date(s) indicated in the conditions, your rights under this permit shall expire by the date indicated on your permit.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Azucena Ramirez
(575)622-6521

Enclosure

wr_01app

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – ROSWELL OFFICE

OFFICIAL RECEIPT NUMBER: 2- 33841 DATE: 11-13-13 FILE NO.: CP

TOTAL: 6.00 RECEIVED: Dy DOLLARS CHECK NO.: CASH: X

PAYOR: [illegible] ADDRESS: [illegible] CITY: [illegible] STATE: [illegible]

ZIP: [illegible] RECEIVED BY: [illegible]

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; **yellow** copy remains in district office, and **goldenrod** copy to accompany application being filed. If you make an error, void original and all copies and submit to Program Support/ASD along with other valid receipts.

A. Ground Water Rights Filing Fees

[redacted]	1.	Declaration of Water Right	$ 1.00
___	2.	Application to Appropriate or Supplement Domestic 72-12-1 Well	$125.00
1	3.	Application for Stock Well	$ 5.00
___	4.	Application to Repair or Deepen 72-12-1 Well	$ 75.00
___	5.	Application for Replacement 72-12-1 Well	$ 75.00
___	6.	Application to Change Purpose of Use 72-12-1 Well	$ 75.00
___	7.	Application to Appropriate Irrig., Mun., or Comm. Use	$ 25.00
___	8.	Application for Supplemental Non 72-12-1 Well	$ 25.00
___	9.	Application to Change Location of Non 72-12-1 Well	$ 25.00
___	10.	Application to Change Place or Purpose of Use Non 72-12-1 Well	$ 25.00
[redacted]	11.	Application to Change Location of Well and Place and/or Purpose of Use	$ 50.00
___	12.	Application for Extension of Time	$ 25.00
___	13.	Proof of Application to Beneficial Use	$ 25.00
___	14.	Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	$ 50.00
___	15.	Application for Test, Expl. Observ. Well	$ 5.00
___	16.	Change of Ownership of Water Right	$ 2.00
___	17.	Application to Repair or Deepen Non 72-12-1 Well	$ 5.00

B. Surface Water Rights Filing Fees

___	1.	Declaration of Water Right	$ 10.00
___	2.	Amended Declaration	$ 25.00
___	3.	Declaration of Livestock Water Impoundment	$ 10.00
___	4.	Application for Livestock Water Impoundment	$ 10.00
___	5.	Application to Appropriate	$ 25.00
___	6.	Notice of Intent to Appropriate	$ 25.00
___	7.	Application to Change Point of Diversion	$100.00
___	8.	Application to Change Place and/or Purpose of Use	$100.00
___	9.	Application to Change Point of Diversion and Place and/or Purpose of Use	$200.00
___	10.	Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	$200.00
___	11.	Application for Extension of Time	$ 50.00
___	12.	Supplemental Well to a Surface Right	$100.00
___	13.	Return Flow Credit	$100.00
___	14.	Proof of Completion of Works	$ 25.00
___	15.	Proof of Application of Water to Beneficial Use	$ 25.00
___	16.	Water Development Plan	$100.00
___	17.	Change of Ownership of Water Right	$ 5.00

C. Miscellaneous Fees

___	1.	Application for Well Driller's License	$50.00
___	2.	Application for Renewal of Well Driller's License	$50.00
___	3.	Application to Amend Well Driller's License	$50.00

D. Reproduction of Documents

_____ @ 0.25¢/copy $_____

_____ Map(s) $_____

E. Certification $_____

E. Other $_____

G. Comments:

[illegible]

File No. CP-1262

NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, OR 72-12-1.3 NEW MEXICO STATUTES

For fees, see State Engineer website: http://www.ose.state.nm.us/

2-3384

1. APPLICANT(S)

Name: **Berry Ranch**	Name:
Contact or Agent: **Daniel C. Berry III** check here if Agent ☐	Contact or Agent: check here if Agent ☐
Mailing Address: **Box 160**	Mailing Address:
City: **Eunice**	City:
State: **NM** Zip Code: **88231**	State: Zip Code:
Phone: **575-393-6964** ☒ Home ☐ Cell Phone (Work): **575-369-5266**	Phone: ☐ Home ☒ Cell Phone (Work):
E-mail (optional):	E-mail (optional):

STATE ENGINEER OFFICE 2025 DEC 13 P 1:07

2. WELL LOCATION Required: Coordinate location must be New Mexico State Plane (NAD 83), UTM (NAD 83), or Lat/Long (WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

NM State Plane (NAD83) - In feet	NM West Zone ☐ NM Central Zone ☐ NM East Zone ☐	X (in feet): Y (in feet):				
UTM (NAD83) - In meters	UTM Zone 13N ☐ UTM Zone 12N ☐	Easting (in meters): Northing (in meters):				
Lat/Long (WGS84) - To 1/10th of second	Latitude: **32**	deg	**32**	min	**19.19**	sec
	Longitude: **103**	deg	**33**	min	**50.96**	sec

Other Location Information (complete the below, if applicable):

PLSS Quarters or Halves: **SW 1/4 SW 1/4 SE 1/4** Section: **28** Township: **20S** Range: **34E**

County: **Lea**

Land Grant Name (if applicable):

Lot No: Block No: Unit/Tract: Subdivision:

Hydrographic Survey: Map: Tract:

Other description relating point of diversion to common landmarks, streets, or other: **1 1/8 mile north of State Road 176**

Point of Diversion is on Land Owned by (Required): Us

FOR OSE INTERNAL USE Application for Permit, Form wr-01, Rev 3/8/12

File Number: CP-1262		Trn Number: 537074	
Sub-basin:	POD No. 1	Log Due Date:	

3. PURPOSE OF USE

- ☐ Domestic use for one household
- ☒ Livestock watering
- ☐ Domestic use for more than one household. Number of households _____
- ☐ Drinking and sanitary uses that are incidental to the operations of a governmental, commercial, or non-profit facility
- ☐ Prospecting, mining or drilling operations to discover or develop natural resources
- ☐ Construction of public works, highways and roads
- ☐ Domestic use for one household and livestock watering
- ☐ Domestic use for multiple households and livestock watering
- ☐ Domestic well to accompany a house or other dwelling unit constructed for sale

4. WELL INFORMATION

File Information: (If existing well, provide OSE no. & indicate below if well is to be replacement, repaired or deepened, or supplemental. If new well, leave blank, as OSE must assign no.)

OSE Well No.(If Existing) **EXISTING NOT ON FILE**	New Well No. (provided by OSE)
Driller Name: Unknown	**Driller License Number:**
Approximate Depth of Well (feet):	Outside Diameter of Well Casing (inches):

☐ Replacement well (List all existing wells if more than one):	☐ Repair or Deepen: ☐ Clean out well to original depth ☐ Deepen well from _____ to _____ ft. ☐ Other (Explain):	☐ Supplemental well (List OSE No. for all wells this will supplement):

5. ADDITIONAL STATEMENTS OR EXPLANATIONS

This is a recompletion of West Lynch Deep Unit 1 Exploratory Gas Well as a water well on the Berry Ranch. This well is known as Silver Well.

2013 NOV 13 P 1:19 STATE ENGINEER OFFICE

ACKNOWLEDGEMENT

I, We (name of applicant(s)), **Daniel C. Berry III**
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Daniel C Berry III
Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER (FOR OSE USE ONLY)

This application is approved subject to the attached general and specific conditions of approval.

Witness my hand and seal this 20 day of NOV 20 13, for the State Engineer,

By: [signature] Azucena Ramirez
Signature Print

FOR OSE INTERNAL USE Application for Permit, Form wr-01, Rev 3/8/12

File Number: CP-1262		Trn Number: 537074	
Sub-basin:	POD No. 1	Log Due Date:	

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL (A thru P)

06-A The maximum amount of water that may be appropriated under this permit is 3.000 acre-feet in any year.

06-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).

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Trn Desc: CP 01262 File Number: CP 01262
Log Due Date: Trn Number: 537074
Form: wr-01 page: 1

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL (Continued)

06-J The well shall be set back a minimum of 50 ft. from an existing well of other ownership unless a variance has been granted by the State Engineer. The State Engineer may grant a variance for a replacement well or to allow for maximum spacing of the well from a source of groundwater contamination. The well shall be set back from potential sources of contamination in accordance with rules and regulations of the NM Environment Department.

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06-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between geologic zones.

06-Q The State Engineer retains jurisdiction over this permit.

SPECIFIC CONDITIONS OF APPROVAL

06-10 Total diversion from all wells under this permit number shall not exceed 3.000 acre-feet per annum.

Trn Desc: CP 01262 File Number: CP 01262
Log Due Date: Trn Number: 537074
Form: wr-01 page: 2

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

SPECIFIC CONDITIONS OF APPROVAL (Continued)

06-18 Any diversion of water made in excess of the authorized maximum diversion amount shall be repaid with twice the amount of the over-diversion during the following calendar year. Repayment shall be made by either: (a) reducing the diversion from the well that is the source of the over-diversion; or (b) acquiring or leasing a valid, existing consumptive use water right in an amount equal to the repayment amount and submitting to the State Engineer for his approval a plan for the proposed repayment.

06-19 This permit authorizes the diversion of water for domestic use to serve a single household and livestock. The maximum combined total diversion of water under this permit shall not exceed 3.000 acre-feet per year.

1. All PODS shall be secured and closed properly for the public welfare and safety for open ground to prevent physical hazards.

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions listed above.

Witness my hand and seal this 20 day of Nov A.D., 2013

Scott A. Verhines, P.E., State Engineer

By: Azucena Ramirez

Trn Desc: CP 01262 File Number: CP 01262
Log Due Date: Trn Number: 537074
Form: wr-01 page: 3

Locator Tool Report

General Information:

Application ID:29 Date: 11-19-2013 Time: 13:03:30

WR File Number: CP
Purpose: POINT OF DIVERSION

Applicant First Name: BERRY RANCH
Applicant Last Name: DANIEL C. BERRY III

GW Basin: CAPITAN
County: LEA

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of NW 1/4 of SW 1/4 of SE 1/4 of Section 28, Township 20S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude:	32 Degrees	32 Minutes	19.2 Seconds	N
Longitude:	103 Degrees	33 Minutes	51.0 Seconds	W

Universal Transverse Mercator Zone: 13N

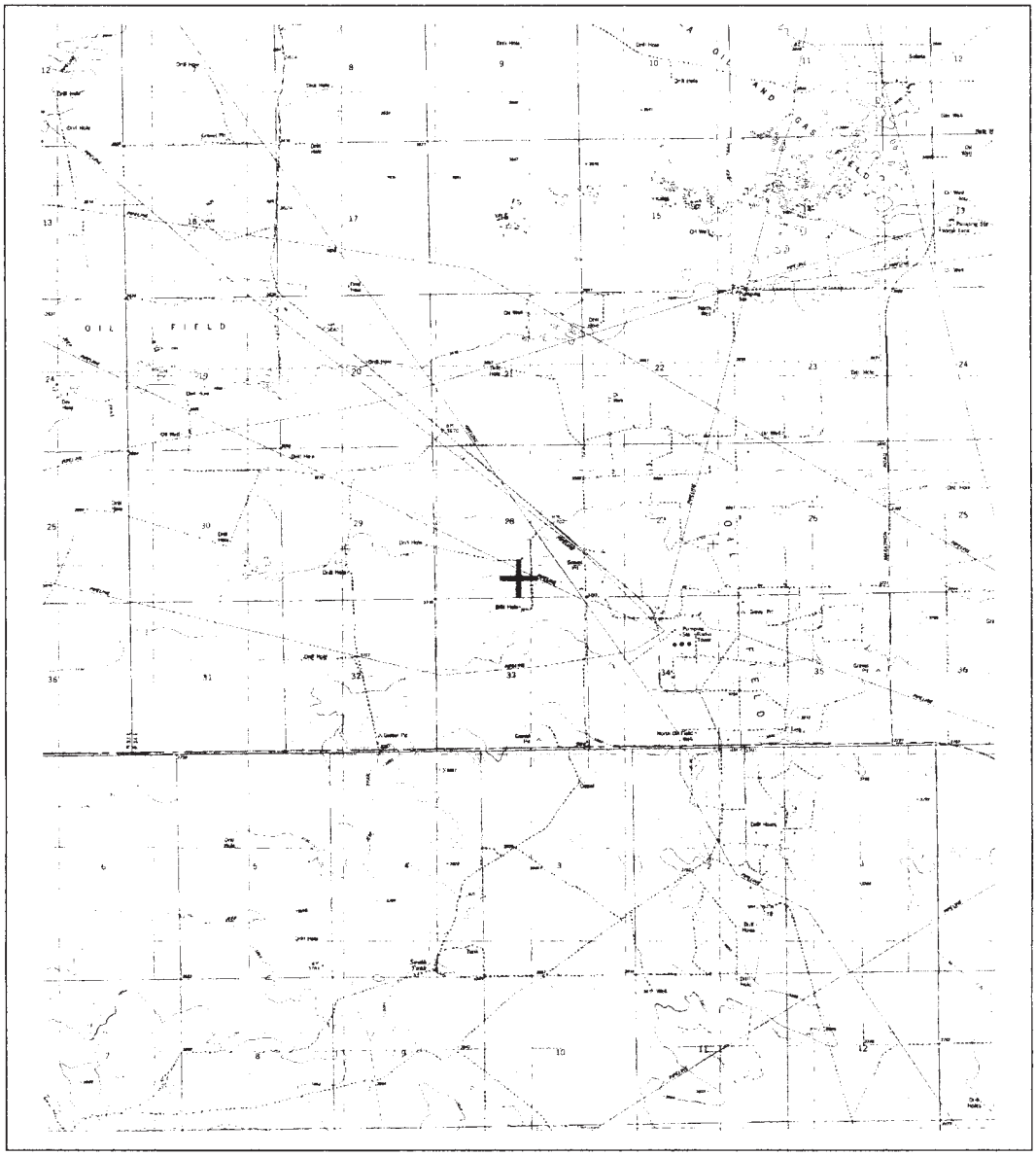
NAD 1983(92) (Meters)	N: 3,601,054	E: 634,830
NAD 1983(92) (Survey Feet)	N: 11,814,458	E: 2,082,772
NAD 1927 (Meters)	N: 3,600,851	E: 634,879
NAD 1927 (Survey Feet)	N: 11,813,793	E: 2,082,933

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 170,857	E: 237,248
NAD 1983(92) (Survey Feet)	N: 560,552	E: 778,372
NAD 1927 (Meters)	N: 170,838	E: 224,696
NAD 1927 (Survey Feet)	N: 560,490	E: 737,191

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: CP Scale: 1:77,058

Northing/Easting: UTM83(92) (Meter): N: 3,601,054 E: 634,830

Northing/Easting: SPCS83(92) (Feet): N: 560,552 E: 778,372

GW Basin: Capitan

Scott A. Verhines, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 537074
File Nbr: CP 01262

Nov. 20, 2013

DANIEL C. BERRY III
BERRY RANCH
P.O. BOX 160
EUNICE, NM 88231

Greetings:

Enclosed is your copy of the above numbered permit that has been approved in accordance with NM Statute Section 72-12-1 subject to the conditions set forth on the approval page.

Please review the conditions for any required submittals. If submittals are not made by the date(s) indicated in the conditions, your rights under this permit shall expire by the date indicated on your permit.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Aracena Ramirez
(575)622-6521

Enclosure

wr_01app

Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number:	603765	**Transaction Desc:**	CP 01262	**File Date:**	2013-11-13
Primary Status:	PMT Permit				
Secondary Status:	APR Approved				
Person Assigned:	*******				
Applicant:	BERRY RANCH				
Contact:	DANIEL C. BERRY III				

Events

Event Images	Date	Type	Description	Comment	Processed By
get images	2013-11-13	APP	Application Received	*	*******
	2013-11-20	FIN	Final Action on application		*******
	2013-11-20	WAP	General Approval Letter		*******
	2017-03-07	QAT	Quality Assurance Completed	DATA	*******
	2017-03-10	QAT	Quality Assurance Completed	IMAGE	*******

Change to

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
CP 01262		3.000		STK 72-12-1 LIVESTOCK WATERING

Point of Diversion

POD Nbr	Easting	Northing	Map	Grant
CP 01262 POD1	634830.3	3601053.9		

*** UTM location was derived from PLSS - see Help**

Remarks:

"THIS IS A RECOMPLETION OF WEST LYNCH DEEP UNIT 1 EXPLORATORY GAS WELL AS A WATER WELL ON THE BERRY RANCH. THIS WELL IS KNOWN AS SILVER WELL".

Conditions:

10 Total diversion from all wells under this permit number shall not exceed approved_div acre-feet per annum.

18 Any diversion of water made in excess of the authorized maximum diversion amount shall be repaid with twice the amount of the over-diversion during the following calendar year. Repayment shall be made by either: (a) reducing the diversion from the wellthat is the source of the over-diversion; or (b) acquiring or leasing a valid, existing consumptive use water right in an amount equal to the repayment amount and submitting to the State Engineer for his approval a plan for the proposed repayment.

19 This permit authorizes the diversion of water for domestic use to serve a single household and livestock. The maximum combined total diversion of water under this permit shall not exceed approved_div acre-feet per year.

Action of the State Engineer

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A

Action Date: 2013-11-20

Log Due Date: 2014-11-20

2.33625

File Number: CP-1219
Sub Basin: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, or 72-12-1.3 NEW MEXICO STATUTES

1. APPLICANT

Name: UNITED STATES BUREAU OF LAND MANAGEMENT Name: BERRY RANCH c/o DANIEL C. BERRY III
Address: 620 E GREENE STREET Address: P.O. BOX 160
City: CARLSBAD City: EUNICE
State: NM Zip: 88220 State: NM Zip: 88231
Phone: 575-234-5942 Phone: 575-393-6964
Contact: STEVE DALY

2. LOCATION OF WELL (A or B required, C required, if applicable, D required)

State Plane ___NM West Zone ___NM Central Zone ___NM East Zone
UTM ___UTM Zone 13N ___UTM Zone 12N

A. NAD 83 (Select Appropriate Coordinate System and Zone) →
NOTE: State Plane units – feet, UTM units - meters
X = _____, Y= _____

B. Latitude: 32 d 32 m 18.93 s
Longitude: 103 d 33 m 49.39 s
(Enter Lat/Long to at least 1/10th of a second)

Grant (If Applicable) _____

C. Subdivision _____ Recorded in County of _____
Lot No. _____, Block No. _____

D. On land owned by: BUREAU OF LAND MANAGEMENT

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Is this well within a municipality? NO if yes, where? _____

H. Give State Engineer File Number if existing well: _____

I. SW 1/4 SW 1/4 SE 1/4 Section 28 Township 20 S. Range 34 E.

J. Other _____

3. USE OF WATER (check use applied for)

___ Domestic use for one household
✓ Livestock watering
___ Domestic well to accompany a house or other dwelling unit constructed for sale.
___ Domestic use to serve _____ households
___ Drinking and sanitary uses that are incidental to the operations of a governmental, commercial, or non-profit facility
___ Prospecting, mining or drilling operations to discover or develop natural resources
___ Construction of public works, highways and roads

STATE ENGINEER OFFICE
2013 SEP 24 A 9:45

POD Renumbered
From: CP-1219
To: CP-1219 POD 1

Trn Desc: 72-12-1 File Number: CP-1219
Log Due Date: 9-30-14 Trn Number: ~~534801~~
Form: wr-01

20S.34E.28.4-3-3

File Number: CP-1219
Sub Basin: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, or 72-12-1.3 NEW MEXICO STATUTES

4. WELL INFORMATION

Name of well driller and driller license number:
_____ WD#: _____.

Approximate depth _____ feet; Outside diameter of casing _____ inches.

____ Replacement well

____ Repair or Deepen:
____ Clean out well to original depth
____ Deepen well from _____ to _____ feet
____ Other _____

____ Supplemental well

5. ADDITIONAL STATEMENTS OR EXPLANATIONS:
BERRY RANCH IS GRAZING PERMITTEE ON LEA TOWNSITE ALLT. #16020, GRAZING AUTHORIZATION #3006508. THIS IS AN EXISTING YATES WELL (WEST LYNCH DEEP UNIT #1) THAT WILL BE PLUGGED BACK AND CONVERTED TO A WATER WELL.

ACKNOWLEDGEMENT

(I, We) JIM STEWALL, FIELD MANAGER / BERRY RANCH - DANIEL C BERRY III affirm that the
(Please Print)
foregoing statements are true to the best of (my, our) knowledge and belief.

J Stewall
Applicant Signature

Berry Ranch
x Daniel C Berry III
Applicant Signature

ACTION OF THE STATE ENGINEER

This application is approved subject to the attached general and specific conditions of approval.

Witness my hand and seal this 30th day of Sept, 20 13.

Scott Verhines, P.E
~~John R. D'Antonio, Jr., PE~~, New Mexico State Engineer

By: D Dunaway

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2013 SEP 24 A 10:15

Trn Desc: 72-12-1 File Number: CP-1219
Log Due Date: 9-30-14 Trn Number: 534801
Form: wr-01

20S.34E.28.4-3-3

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL (A thru P)

06-A The maximum amount of water that may be appropriated under this permit is 3.000 acre-feet in any year.

06-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).

06-C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.

06-D The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.

06-E To request a change to the use of water authorized under this permit, the permittee shall file an application with the State Engineer.

06-F An application for a new 72-12-1.1 domestic well permit where the proposed point of diversion is to be located on the same legal lot of record as an operational 72-12-1.1 domestic well shall be treated as an application for a supplemental well.

06-G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

06-H The drilling of the well and amount and uses of water permitted are subject to such limitations as may be imposed by a court or by lawful municipal or county ordinance which are more restrictive than the conditions of this permit and applicable State Engineer regulations.

06-I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

Trn Desc: CP 01219 File Number: CP 01219
Log Due Date: 09/30/2014 Trn Number: ~~534801~~
Form: wr-01 page: 1

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL (Continued)

06-J The well shall be set back a minimum of 50 ft. from an existing well of other ownership unless a variance has been granted by the State Engineer. The State Engineer may grant a variance for a replacement well or to allow for maximum spacing of the well from a source of groundwater contamination. The well shall be set back from potential sources of contamination in accordance with rules and regulations of the NM Environment Department.

06-K Pursuant to section 72-8-1 NMSA, the permittee shall allow the State Engineer and his representatives entry upon private property for the performance of their respective duties, including access to the well for meter reading and water level measurement.

06-L The permit is subject to cancellation for non-compliance with the conditions of approval or if otherwise not exercised in accordance with the terms of the permit.

06-M The right to divert water under this permit is subject to curtailment by priority administration as implemented by the State Engineer or a court.

06-N In the event of any change of ownership to this permit the new owner shall file a change of ownership form with the State Engineer in accordance with Section 72-1-2.1 NMSA.

06-O This well permit shall automatically expire unless the well is completed and the well record is filed with the State Engineer within one year of the date of issuance of the permit. It is the responsibility of the permit holder to ensure that the well record has been properly filed with the State Engineer.

06-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between geologic zones.

06-Q The State Engineer retains jurisdiction over this permit.

SPECIFIC CONDITIONS OF APPROVAL

06-10 Total diversion from all wells under this permit number shall not exceed 3.000 acre-feet per annum.

Trn Desc: CP 01219 File Number: CP 01219
Log Due Date: 09/30/2014 Trn Number: ~~534801~~
Form: wr-01 page: 2

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

SPECIFIC CONDITIONS OF APPROVAL (Continued)

06-14 This permit authorizes the diversion of water for watering livestock. The total diversion of water under this permit shall not exceed 3.000 acre-feet per year.

06-18 Any diversion of water made in excess of the authorized maximum diversion amount shall be repaid with twice the amount of the over-diversion during the following calendar year. Repayment shall be made by either: (a) reducing the diversion from the well that is the source of the over-diversion; or (b) acquiring or leasing a valid, existing consumptive use water right in an amount equal to the repayment amount and submitting to the State Engineer for his approval a plan for the proposed repayment.

06-Q The State Engineer retains jurisdiction over this permit.

LOG This permit will automatically expire unless the well CP 01219 POD1 is completed and the well record filed on or before 09/30/2014.

1. All PODS shall be secured and closed properly for the public welfare and safety for open ground to prevent physical hazards.

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions listed above.

Witness my hand and seal this 30 day of Sep A.D., 2013

Scott A. Verhines, P.E., State Engineer

By: D Dunaway
Deborah Dunaway

Trn Desc: CP 01219 File Number: CP 01219
Log Due Date: 09/30/2014 Trn Number: ~~534801~~
Form: wr-01 page: 3

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
District 2 Office, Roswell, NM

Trn Nbr: ~~534801~~
File Nbr: CP-01219

September 30, 2013

STEVE DALY
U.S. BUREAU OF LAND MANAGEMENT
620 E. GREENE STREET
CARLSBAD, NM 88220

RE: BERRY RANCH, DANIEL C. BERRY III

Greetings:

Enclosed is your copy of the above numbered permit that has been approved in accordance with NM Statute Section 72-12-1 subject to the conditions set forth on the approval page.

Please review the conditions for any required submittals. If submittals are not made by the date(s) indicated in the conditions, your rights under this permit shall expire by the date indicated on your permit.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Deborah Dunaway
(575)622-6521

Enclosure

Locator Tool Report

General Information:

Application ID: 29 Date: 09-30-2013 Time: 13:25:19

WR File Number: CP
Purpose: POINT OF DIVERSION

Applicant First Name: BLM
Applicant Last Name: NM

GW Basin: CAPITAN
County: LEA

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

NE 1/4 of SW 1/4 of SW 1/4 of SE 1/4 of Section 28, Township 20S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude:	32 Degrees	32 Minutes	18.9 Seconds	N
Longitude:	103 Degrees	33 Minutes	49.4 Seconds	W

Universal Transverse Mercator Zone: 13N

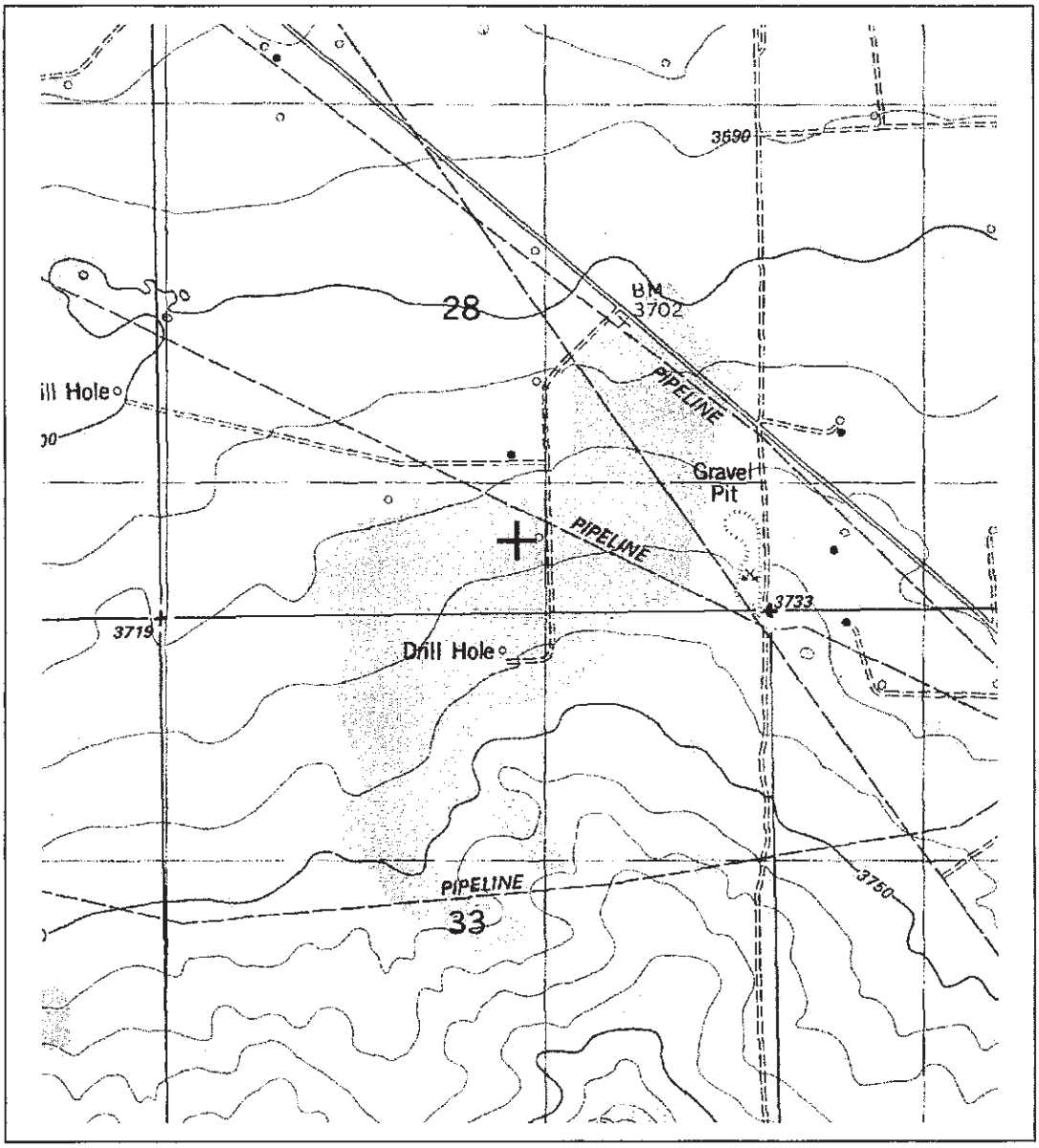
NAD 1983(92) (Meters)	N: 3,601,046	E: 634,871
NAD 1983(92) (Survey Feet)	N: 11,814,433	E: 2,082,907
NAD 1927 (Meters)	N: 3,600,844	E: 634,920
NAD 1927 (Survey Feet)	N: 11,813,769	E: 2,083,068

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 170,849	E: 237,289
NAD 1983(92) (Survey Feet)	N: 560,527	E: 778,507
NAD 1927 (Meters)	N: 170,830	E: 224,737
NAD 1927 (Survey Feet)	N: 560,465	E: 737,325

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: CP Scale: 1:19,134

Northing/Easting: UTM83(92) (Meter): N: 3,601,046 E: 634,871

Northing/Easting: SPCS83(92) (Feet): N: 560,527 E: 778,507

GW Basin: Capitan

Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number:	603819	**Transaction Desc:**	CP 01219	**File Date:**	2013-09-24
Primary Status:	PMT Permit				
Secondary Status:	APR Approved				
Person Assigned:	*******				
Agent:	U.S. BUREAU OF LAND MANAGEMENT				
Contact:	STEVE DALY				
Agent:	BERRY RANCH				
Contact:	DANIEL C. BERRY III				

Events

Event Images	Date	Type	Description	Comment	Processed By
get images	2013-09-24	APP	Application Received	*	*******
	2013-09-30	FIN	Final Action on application		*******
	2013-09-30	WAP	General Approval Letter		*******
	2017-03-08	QAT	Quality Assurance Completed	SQ2	*******
	2017-03-10	QAT	Quality Assurance Completed	IMAGE	*******

Change to

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
CP 01219		3.000		STK 72-12-1 LIVESTOCK WATERING

Point of Diversion

POD Nbr	Easting	Northing	Map	Grant
CP 01219 POD1	634871.4	3601046.4		

*** UTM location was derived from PLSS - see Help**

Remarks:

"BERRY RANCH IS GRAZING PERMITTEE ON LEA TOWN SITE AUT. #76020, GRAZING AUTHORIZATION #3006508. THIS IS AN EXISTING YATES WELL (WEST LYNCH DEEP UNIT #1) THAT WILL BE PLUGGED BACK AND CONVERTED TO A WATER WELL."

Conditions:

10 Total diversion from all wells under this permit number shall not exceed approved_div acre-feet per annum.

14 This permit authorizes the diversion of water for watering livestock. The total diversion of water under this permit shall not exceed approved_div acre-feet per year.

18 Any diversion of water made in excess of the authorized maximum diversion amount shall be repaid with twice the amount of the over-diversion during the following calendar year. Repayment shall be made by either: (a) reducing the diversion from the wellthat is the source of the over-diversion; or (b) acquiring or leasing a valid, existing consumptive use water right in an amount equal to the repayment amount and submitting to the State Engineer for his approval a plan for the proposed repayment.

Q The State Engineer retains jurisdiction over this permit.

Action of the State Engineer

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A

Action Date: 2013-09-30

Log Due Date: 2014-09-30

1/7/25 10:41 PM MST **Transaction Summary**

File Number: _____
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, or 72-12-1.3 NEW MEXICO STATUTES

1. APPLICANT
Name: Daniel C. Berry
Contact: "
Address: P.O. Box 160
City: Eunice State NM Zip: 88231
Work Phone: 505 369-5266
Home Phone: 505 393-6964

2. LOCATION OF WELL (A, B, or C required, D required (if applicable),)
A. East _____ (m), North _____ (m), UTM Zone 13, NAD ___ (27 or 83)

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: 32° d 32' m 19" s Longitude: 103° d 33' m 16" s

D. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Is this well within a municipality? NO if yes, where? _____

G. Give State Engineer File Number if existing well: API 30 025 20071 N.M. 60393

H. On land owned by (required): Daniel C. Berry

3. USE OF WATER (check use applied for)
___ Domestic use for one household in accordance with Section 72-12-1.1 NMSA.

___ Domestic use for more than one household in accordance with Section 72-12-1.1 NMSA. The number of households to be served by the well is _____.

___ Drinking and sanitary uses that are incidental to the operations of governmental, commercial, or non-profit facility

✓ Livestock watering in accordance with Section 72-12-1.2 NMSA.

___ Prospecting, mining or drilling operations to discover or develop natural resources in accordance with Section 72-12-1.3 NMSA.

___ Construction of public works, highways and roads in accordance with Section 72-12-1.3 NMSA.

___ Domestic well to accompany a house or other dwelling unit constructed for sale.

2024 OCT 18 PM 3:11
STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

Do Not Write Below This Line

Trn Desc: _____ File Number: CP-942
Log Due Date: _____ Trn Number: 320488
Form: wr-01 page 1 of 4 477055

File Number: _____
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, or 72-12-1.3 NEW MEXICO STATUTES

4. WELL INFORMATION

Name of well driller and driller license number: _____

Approximate depth 1000 feet; Outside diameter of casing 8 5/8 inches.

___ Replacement well

___ Repair or Deepen:
___ Clean out well to original depth
___ Deepen well from _____ to _____ feet
✓ Other Change of operator & Conversion to water well for Livestock

___ Supplemental well

5. ADDITIONAL STATEMENTS OR EXPLANATIONS:

This well was owned by Sundown Energy and is located in Section 27 T20S R34E 660' FSL & 660' FWL

Sundown completed the BLM plugging process on (10-11-06) up to 1220' w/ cement.

Sundown then deeded the well bore to me, Daniel C. Berry, for conversion into a water well for livestock. We shot off the 5½" casing at 1020' and pulled it out.

I plan to perforate the 8 5/8" casing with one shot every foot from 960' to 1000'.

ACKNOWLEDGEMENT FOR NATURAL PERSONS

(I) We) Daniel C. Berry affirm that the
(Please Print)
foregoing statements are true to the best of (my, our) knowledge and belief.

Daniel C Berry
Applicant Signature

Applicant Signature

2006 NOV 13 PM 3:11
STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

Do Not Write Below This Line

Trn Desc: _____
Log Due Date: _____
Form: wr-01

File Number: CP-942
Trn Number: ~~320488~~ 477055

page 2 of 4

NEW MEXICO OFFICE OF THE STATE ENGINEER
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTIONS 72-12-1.1, 72-12-1.2, or 72-12-1.3
NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL

06A The maximum amount of water that may be appropriated under this permit is **3.0** acre-foot in any year.

06B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).

06C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.

06D The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.

06E To request a change to the use of water authorized under this permit, the permittee shall file an application with the State Engineer.

06F An application for a new 72-12-1.1 domestic well permit where the proposed point of diversion is to be located on the same legal lot of record as an operational 72-12-1.1 domestic well shall be treated as an application for a supplemental well.

06G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

06H The drilling of the well and amount and uses of water permitted are subject to such limitations as may be imposed by a court or by lawful municipal or county ordinance which are more restrictive than the conditions of this permit and applicable State Engineer regulations.

06I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

06J The well shall be set back a minimum of 50 feet from an existing well of other ownership unless a variance has been granted by the State Engineer. The State Engineer may grant a variance for a replacement well or to allow for maximum spacing of the well from a source of groundwater contamination. The well shall be set back from potential sources of contamination in accordance with rules and regulations of the New Mexico Environment Department.

File Number: CP-942 Trn Number: 370488 677055

GENERAL CONDITIONS OF APPROVAL

06K Pursuant to Section 72-8-1 NMSA, the permittee shall allow the State Engineer and his representatives entry upon private property for the performance of their respective duties, including access to the well for meter reading and water level measurement.

06L The permit is subject to cancellation for non-compliance with the conditions of approval or if otherwise not exercised in accordance with the terms of the permit.

06M The right to divert water under this permit is subject to curtailment by priority administration as implemented by the State Engineer or a court.

06N In the event of any change of ownership to this permit the new owner shall file a change of ownership form with the State Engineer in accordance with Section 72-1-2.1 NMSA.

06O This well permit shall automatically expire unless the well is completed and the well record is filed with the State Engineer within one year of the date of issuance of the permit. It is the responsibility of the permit holder to ensure that the well record has been properly filed with the State Engineer.

File Number: CP-942 Trn Number: ~~370488~~ 477055

CONDITIONS OF APPROVAL
(Livestock Watering)

FILE NUMBER: **CP-942**
PERMITTEE: **Daniel C. Berry**
PAGE 1 OF 1

This application is approved subject to the following conditions of approval.

1. This application is approved as follows:

   Permittee: Daniel C. Berry
   P.O. Box 160
   Eunice, NM 88231

   Permit No.: CP-942

   Source: Ground water

   Points of Diversion: SE¼SW¼SW¼, Sec. 27, Twp 20S, Rge 34E

   Purpose: Livestock Watering

   Place of use: Latitude: 32° 32' 19" Longitude: 103° 33' 16"

   Amount: **3.0** acre-feet per annum

1. The total diversion from all wells under this permit shall not exceed **3.0** acre-feet per annum. (Condition 06-10)

2. This permit authorized the diversion of water for the sole purpose of watering livestock. The total diversion of water under this permit shall not exceed **3.0** acre-feet per year. (Condition 06-14)

3. The well shall be constructed, maintained and operated that each water shall be confined to the aquifer in which it is encountered.

Witness my hand and seal this 18th day of October, 2006.

John R. D'Antonio, Jr.
New Mexico State Engineer

By: Margaret Wolf
Margaret Wolf
District II, Roswell

Livestock Watering

Trn Nbr: ~~370488~~ 477055

Locator Tool Report

General Information:

Application ID: 3 Date: 10-18-2006 Time: 08:10:27

WR File Number: CP
Purpose: POINT OF DIVERSION

Applicant First Name: DANIEL
Applicant Last Name: BERRY

GW Basin: CAPITAN
County: LEA

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

NW 1/4 of SE 1/4 of SW 1/4 of SW 1/4 of Section 27, Township 20S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude:	32 Degrees	32 Minutes	19.0 Seconds	N
Longitude:	103 Degrees	33 Minutes	16.0 Seconds	W

Universal Transverse Mercator Zone: 13N

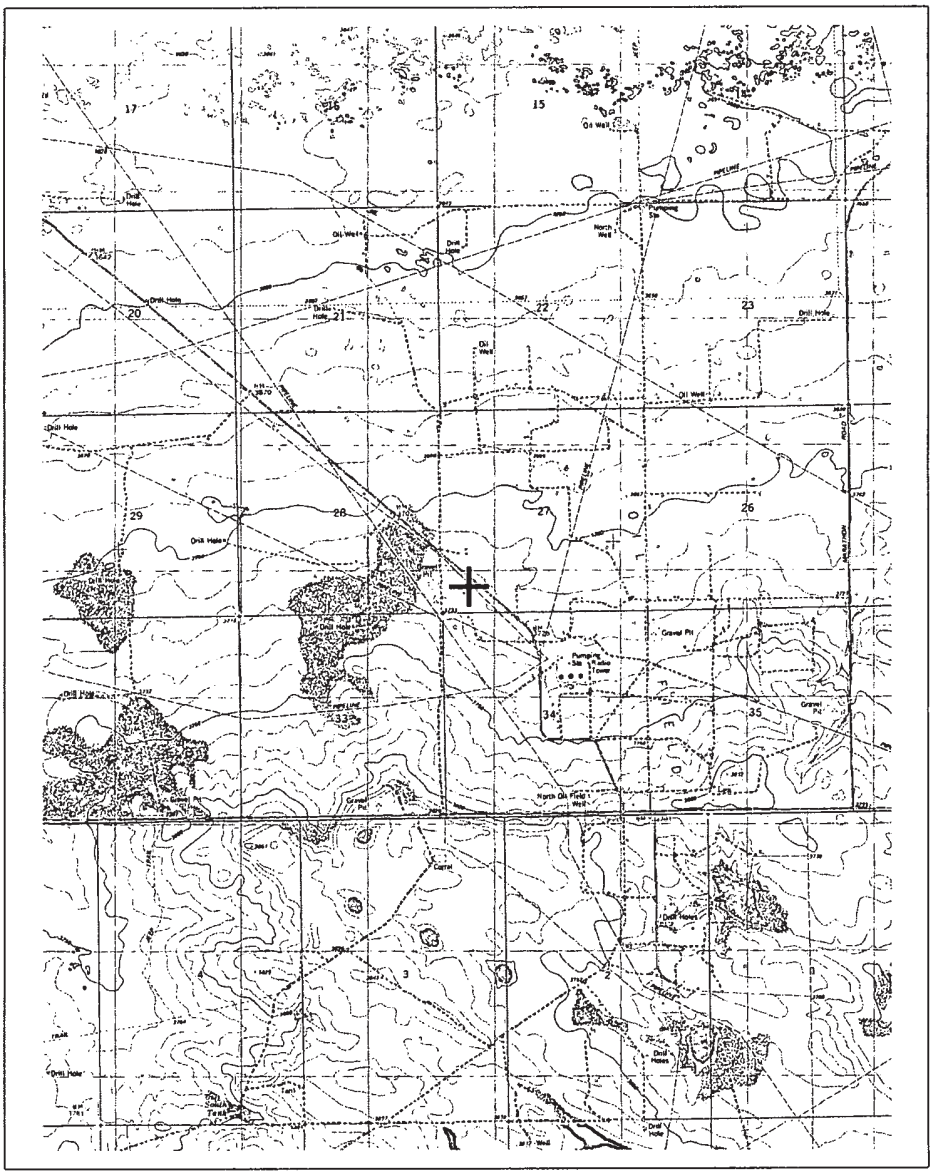
NAD 1983(92) (Meters)	N: 3,601,060	E: 635,742
NAD 1983(92) (Survey Feet)	N: 11,814,479	E: 2,085,765
NAD 1927 (Meters)	N: 3,600,871	E: 635,745
NAD 1927 (Survey Feet)	N: 11,813,857	E: 2,085,774

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 170,857	E: 238,160
NAD 1983(92) (Survey Feet)	N: 560,555	E: 781,365
NAD 1927 (Meters)	N: 170,852	E: 225,562
NAD 1927 (Survey Feet)	N: 560,537	E: 740,032

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: CP Scale: 1:58,474

Northing/Easting: UTM83(92) (Meter): N: 3,601,060 E: 635,742

Northing/Easting: SPCS83(92) (Feet): N: 560,555 E: 781,365

GW Basin: Capitan

Print Date: 10/18/2006

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

Trn Nbr: 477055 ~~370488~~
File Nbr: CP 00942

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

October 18, 2006

DANIEL C BERRY
P.O. BOX 160
EUNICE, NM 88231

Greetings:

Enclosed is your copy of the 72-12-1 Permit which has been approved. Your attention is called to the Specific and the General Conditions of Approval of this permit.

Sincerely,

Margaret Wolf

Margaret Wolf
(505)622-6521

Enclosure

cc: Santa Fe Office

wr_01app

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

477055

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(505)622-6521

Enclosure

cc: Santa Fe Office

wr_01app

#370488

Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number:	477055	**Transaction Desc:**	CP 00942 POD1	**File Date:**	2006-10-18
Primary Status:	PMT Permit				
Secondary Status:	APR Approved				
Person Assigned:	*******				
Applicant:	DANIEL C BERRY				

Events

Event Images	Date	Type	Description	Comment	Processed By
get images	2006-10-18	APP	Application Received	*	*******
	2006-10-18	FIN	Final Action on application		*******
	2006-10-18	WAP	General Approval Letter		*******
	2011-06-16	ARV	Rec & Arch - file location	CP 00942 Box: 1883	*******

Change to

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
CP 00942		3.000		STK 72-12-1 LIVESTOCK WATERING

Point of Diversion

POD Nbr	Easting	Northing	Map	Grant
CP 00942 POD1	635742.4	3601060.4		

*** UTM location was derived from PLSS - see Help**

Remarks:

CHANGE OF OPERATOR AND CONVERSION TO WATER WELL FOR LIVESTOCK.

THIS WELL WAS OWNED BY SUNDOWN ENERGY AND IS LOCATED IN SECTION 27, T20S, R34E, 660'FSL AND 660' FWL. SUNDOWN COMPLETED THE BLM PLUGGING PROCESS ON (10/11/06) UP TO 1220' W/CEMENT. SUNDOWN THEN DEEDED THE WELL TO ME, DANIEL C. BERRY

CONTINUED: FOR CONVERSION INTO A WATER WELL FOR LIVESTOCK. WE SHOT OFF THE 5 1/2" CASING AT 1020' AND PULLED IT OUT. I PLAN TO PERFORATE THE 8 5/8" CASING WITH ONE SHOT EVERY FOOT FROM 960' TO 1000'.

ABSTRACTORS NOTE: NO WELL RECORD ON FILE WITH THE OSE. NO WELL RECORD DUE DATE GIVEN ON PERMIT. PERMIT STATES THAT THIS IS AN EXISTING WELL.

Conditions:

10 Total diversion from all wells under this permit number shall not exceed approved_div acre-feet per annum.

14 This permit authorized the diversion of water for watering livestock. The total diversion of water under this permit shall not exceed approved_div acre-feet per year.

Action of the State Engineer

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A

Action Date: 2006-10-18

Short Condition: THE WELL SHALL BE CONSTRUCTED, MAINTAINED AND OPERATED THAT EACH WATER SHALL BE CONFINED TO THE AQUIFER IN WHICH IT IS ENCOUNTERED.

1/7/25 10:46 PM MST **Transaction Summary**

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER): CP- 1389 (Jeff)	OSE FILE NUMBER(S):
WELL OWNER NAME(S): Berry Ranch/Glenn's Water Well Service, Inc.	PHONE (OPTIONAL): 575-398-2424
WELL OWNER MAILING ADDRESS: P. O. Box 692	CITY: Tatum STATE: NM ZIP: 88267

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	32	08.4	N
LONGITUDE	103	33	16.8	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NW1/4NW1/4NW1/4 Section 34 Township 20 South Range 34 East on Berry Ranch Land

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD 421	Corky Glenn	Glenn's Water Well Service, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
01/05/2015	01/13/2015	1,250'	1,250'	1,005'

COMPLETED WELL IS: (●) ARTESIAN ( ) DRY HOLE ( ) SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 735'

DRILLING FLUID: (●) AIR (●) MUD ADDITIVES – SPECIFY:

DRILLING METHOD: (●) ROTARY ( ) HAMMER ( ) CABLE TOOL ( ) OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	40'	20"	16"	None	15 1/2"	.250	
0'	975'	14 3/4"	9 5/8"	Thread & Collar	8.921"	36 lbs.	None
911.50'	1,250'	8 3/4"	7" (338.50 - Total)	Thread & Collar	6.5"	23 lbs.	1/8"
			338.50 all perforated				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0'	40'	20"	Cemented	2 yds.	Top Pour
0'	975'	14 3/4"	Float and Shoe Cemented to Surface	1,012.13 cu feet	Circulated

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER CP- 1389	POD NUMBER 1	TRN NUMBER 553116
LOCATION 1-1-1 20S. 34E. 34	Exploratory	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	2	2	Soil	○ Y ◉ N	
2	20	18	Caliche	○ Y ◉ N	
20	130	110	Red Clay	○ Y ◉ N	
130	180	50	Red Shale	○ Y ◉ N	
180	200	20	Blue, Brown & Red Shale	○ Y ◉ N	
200	275	75	Blue Shale	○ Y ◉ N	
275	800	525	Brown & Red Shale	○ Y ◉ N	
800	900	100	Brown & Blue Sandy Shale	○ Y ◉ N	
900	945	45	Brown Shale & Sandrock	○ Y ◉ N	
945	975	30	Brown Shale & Brown Sandrock	○ Y ◉ N	
975	995	20	Red Shale	○ Y ◉ N	
995	1014	19	Hard Shale & Sandrock	◉ Y ○ N	
1014	1199	185	Santa Rosa Sand	◉ Y ○ N	
1199	1230	31	Red Shale & Sandrock	◉ Y ○ N	
1230	1240	10	Sandrock	◉ Y ○ N	
1240	1250	10	Red Shale	○ Y ◉ N	
				○ Y ◉ N	
				○ Y ◉ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ◉ PUMP ○ AIR LIFT ○ BAILER ○ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

0' to 975' drilled with mud.
975' to 1,250' drilled with air and foam.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Corky Glenn Corky Glenn — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

2/2/15 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	CP-1389	POD NUMBER	1	TRN NUMBER	553116
LOCATION	20S.34E.34 1-1-1				PAGE 2 OF 2

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01389 POD1	NW	NW	NW	34	20S	34E	635725.9	3600733.6	

*** UTM location was derived from PLSS - see Help**

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY"				
Drill Start Date:	2015-01-05	**Drill Finish Date:**	2015-01-13	**Plug Date:**	
Log File Date:	2015-02-04	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	6.50	**Depth Well:**	1250	**Depth Water:**	1005

Water Bearing Stratifications:

Top	Bottom	Description
995	1014	Sandstone/Gravel/Conglomerate
1014	1199	Sandstone/Gravel/Conglomerate
1199	1230	Sandstone/Gravel/Conglomerate
1230	1240	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
912	1250

Meter Information

Meter Number:	17857	**Meter Make:**	SEAMETRICS
Meter Serial Number:	12 210 739	**Meter Multiplier:**	1.0000
Number of Dials:	8	**Meter Type:**	Diversion
Unit of Measure:	Barrels 42 gal.	**Reading Frequency:**	Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2016-12-31	2016	643200.000	A	ym		0.000	
2017-01-31	2017	659677.000	A	ym		212.377	
2017-03-01	2017	668463.000	A	ap		113.246	
2017-04-01	2017	668463.000	A	ap		0.000	
2017-05-01	2017	668463.000	A	ap		0.000	
2017-06-01	2017	668463.000	A	ap		0.000	
2017-06-30	2017	753526.000	A	ap		1096.405	
2017-07-31	2017	790940.000	A	ap		482.241	
2017-10-31	2017	887028.000	A	ap		1238.510	
2017-11-30	2017	931714.000	A	ap		575.972	
2017-12-29	2017	978472.000	A	ap		602.679	
2018-01-31	2018	1025480.000	A	ap		605.901	
2018-02-28	2018	1064561.000	A	ap		503.728	
2018-03-30	2018	1064561.000	A	ap		0.000	
2018-04-30	2018	1124101.000	A	ap		767.431	
2018-06-01	2018	1166461.000	A	ap		545.992	
2018-06-29	2018	1181122.000	A	ap		188.970	
2018-07-31	2018	1198381.000	A	ap		222.457	
2018-09-01	2018	1246600.000	A	ap		621.510	
2018-10-01	2018	1280459.000	A	ap		436.420	
2018-11-01	2018	1299657.000	A	ap		247.449	
2018-11-30	2018	1351407.000	A	ap		667.023	
2019-03-01	2019	1416173.000	A	ap		834.790	
2019-04-01	2019	1430857.000	A	ap		189.267	
2019-05-01	2019	1459823.000	A	ap		373.352	
2019-05-31	2019	1482018.000	A	ap		286.079	
2019-06-30	2019	1482018.000	A	ap		0.000	
2019-08-01	2019	1507510.000	A	RPT		3.286	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2019-09-01	2019	1523727.000	A	RPT		2.090	
2019-09-30	2019	1556952.000	A	RPT		4.282	
2019-10-31	2019	1558164.000	A	RPT		0.156	
2019-11-30	2019	1558164.000	A	RPT		0.000	
2019-12-31	2019	1563212.000	A	RPT		0.651	
2020-02-01	2020	1587959.000	A	RPT		3.190	
2020-03-01	2020	1587959.000	A	RPT		0.000	
2020-04-01	2020	1587959.000	A	RPT		0.000	
2020-05-01	2020	1587959.000	A	RPT		0.000	
2020-06-01	2020	1587959.000	A	RPT		0.000	
2020-08-01	2020	1593314.000	A	RPT		0.690	
2020-09-01	2020	1604044.000	A	RPT		1.383	
2020-10-01	2020	1608382.000	A	RPT		0.559	
2020-10-31	2020	1608900.000	A	WEB		0.067	X
2020-11-30	2020	1608900.000	A	WEB		0.000	X
2020-12-31	2020	1612278.000	A	WEB		0.435	X
2021-01-31	2021	1612278.000	A	WEB		0.000	X
2021-02-28	2021	1612278.000	A	ad		0.000	
2021-03-31	2021	1612376.000	A	ad		0.013	
2021-04-30	2021	1613953.000	A	ad		0.203	
2021-05-31	2021	1617057.000	A	ad		0.400	
2021-06-30	2021	1623629.000	A	ad		0.847	
2021-07-31	2021	1626423.000	A	ad		0.360	
2021-08-31	2021	1628655.000	A	ad		0.288	
2021-09-30	2021	1628655.000	A	ad		0.000	
2021-10-31	2021	1645583.000	A	ad		2.182	
2021-11-30	2021	1648603.000	A	ad		0.389	
2022-01-31	2022	1652364.000	A	ad		0.485	
2022-02-28	2022	0.000	A	ad		0.000	

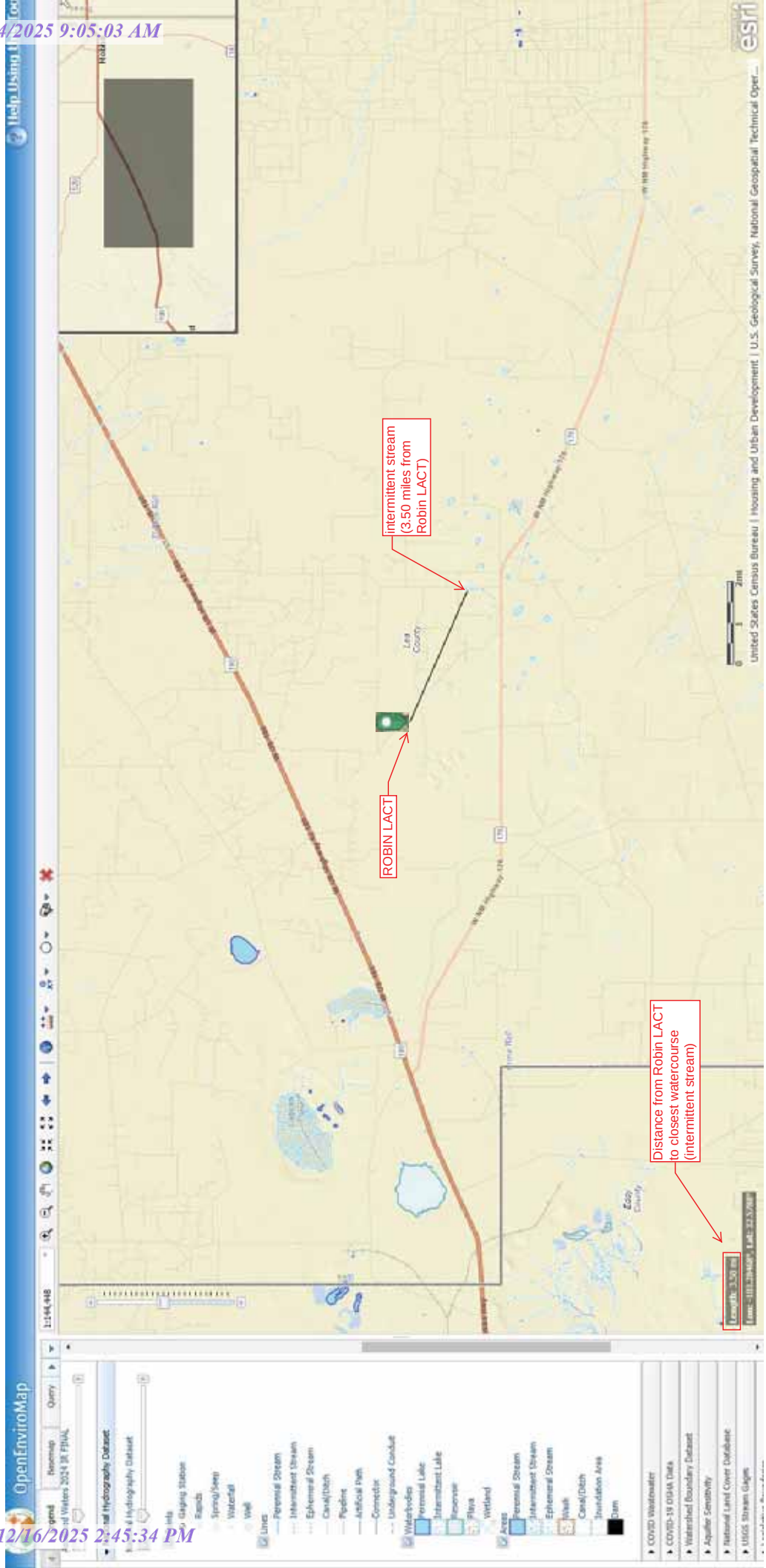
Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2022-03-31	2022	2977.000	A	ad		0.384	
2022-06-01	2022	2977.000	A	ad		0.000	
2022-07-01	2022	29831.000	A	ad		3.461	
2022-08-01	2022	29831.000	A	ad		0.000	
2022-09-01	2022	29831.000	A	WEB		0.000	X
2022-10-01	2022	103817.000	A	WEB		9.536	X
2022-11-01	2022	128867.000	A	WEB		3.229	X
2022-12-01	2022	128867.000	A	WEB		0.000	X
2023-01-01	2022	128867.000	A	WEB		0.000	X
2023-02-01	2023	140169.000	A	WEB		1.457	X
2023-03-01	2023	140169.000	A	WEB		0.000	X
2023-04-01	2023	156465.000	A	WEB		2.100	X
2023-05-01	2023	162651.000	A	WEB		0.797	X
2023-06-01	2023	162651.000	A	WEB		0.000	X
2023-07-01	2023	191564.000	A	WEB		3.727	X
2023-08-01	2023	205028.000	A	WEB		1.735	X
2023-09-01	2023	211615.000	A	WEB		0.849	X
2023-10-01	2023	211615.000	A	WEB		0.000	X
2023-11-01	2023	241886.000	A	WEB		3.902	X
2023-12-01	2023	241886.000	A	WEB		0.000	X
2024-01-01	2023	251774.000	A	WEB		1.274	X
2024-02-01	2024	266053.000	A	WEB		1.840	X
2024-03-01	2024	289590.000	A	WEB		3.034	X
2024-04-01	2024	311774.000	A	WEB		2.859	X
2024-05-01	2024	323653.000	A	WEB		1.531	X
2024-06-01	2024	323653.000	A	WEB		0.000	X
2024-07-01	2024	355223.000	A	WEB		4.069	X
2024-08-01	2024	394927.000	A	WEB		5.118	X
2024-09-01	2024	408902.000	A	WEB		1.801	X

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2024-10-01	2024	418715.000	A	WEB		1.265	X
2024-11-01	2024	427524.000	A	WEB		1.135	X
2024-12-01	2024	427524.000	A	WEB		0.000	X

YTD Meter Amounts:

Year	Amount
2016	0.000
2017	4321.430
2018	4806.881
2019	1693.953
2020	6.324
2021	4.682
2022	17.095
2023	15.841
2024	22.652

ATTACHMENT B


OpenEnviroMap
intermittent stream (3.50 miles from Robin LACT)
ROBIN LACT
Distance from Robin LACT to closest watercourse (intermittent stream)
United States Census Bureau | Housing and Urban Development | U.S. Geological Survey, National Geospatial Technical Oper...
esri

U.S. Fish and Wildlife Service
National Wetlands Inventory

Closest Wetland

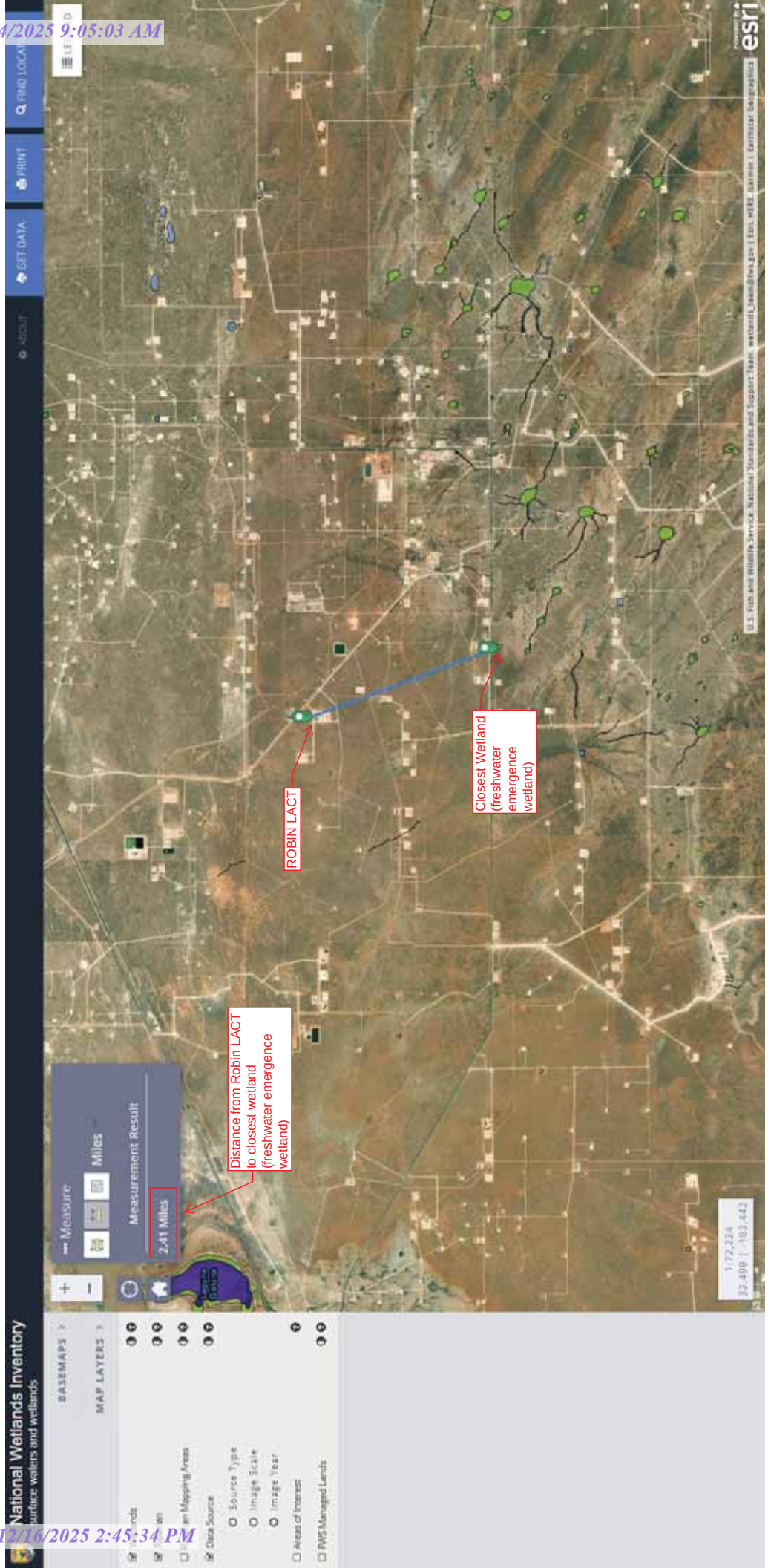
January 8, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

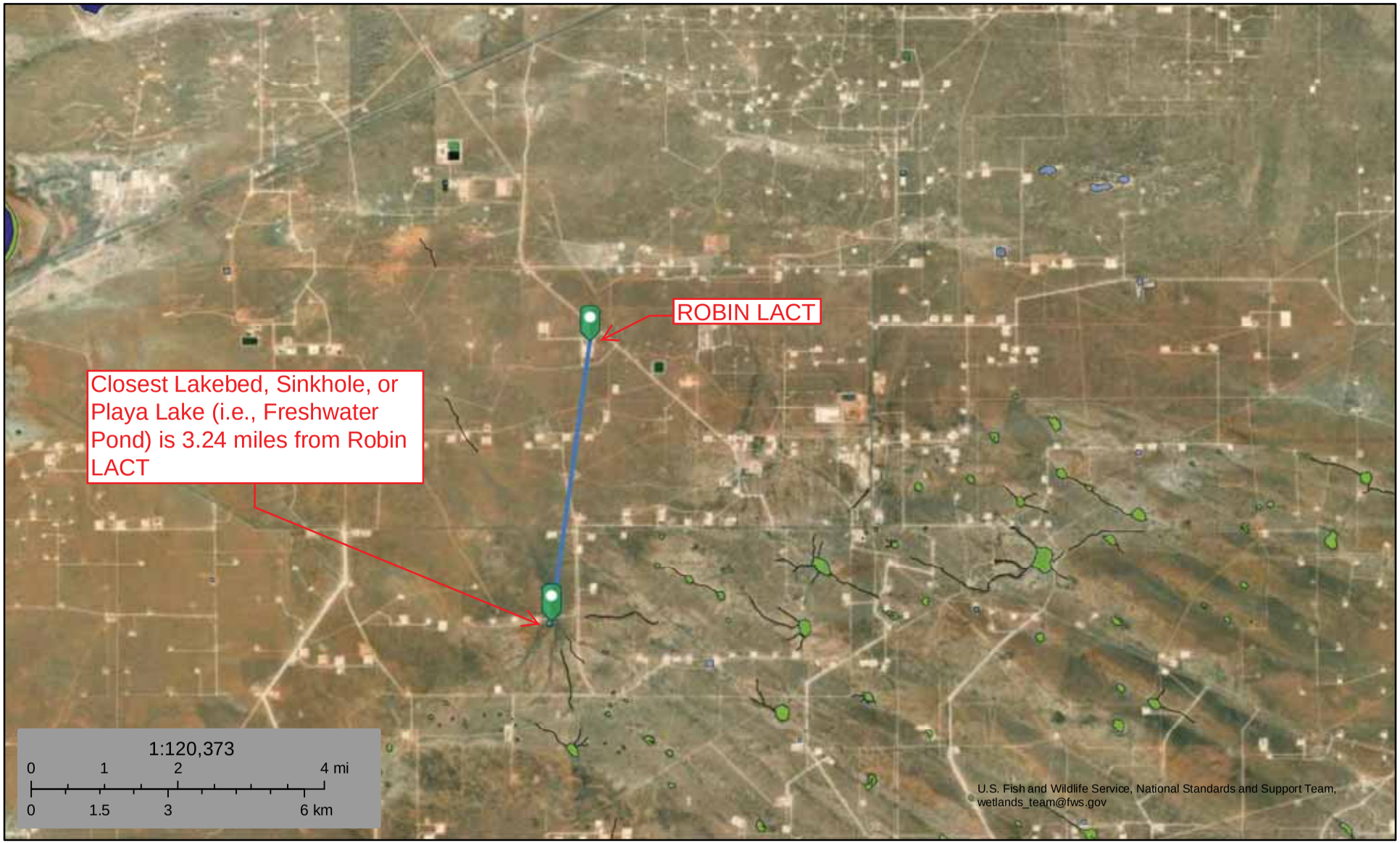
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper


National Wetlands Inventory
surface waters and wetlands
ABOUT
GET DATA
PRINT
FIND LOCA
BASEMAPS
MAP LAYERS
Measure
Miles
Measurement Result
2.41 Miles
Distance from Robin LACT to closest wetland (freshwater emergence wetland)
ROBIN LACT
Closest Wetland (freshwater emergence wetland)
Source Type
Image Scale
Image Year
Areas of Interest
BWS Managed Lands
Data Source
esri

U.S. Fish and Wildlife Service
National Wetlands Inventory

Closest Lakebed, Sinkhole, Playa Lake



May 14, 2025

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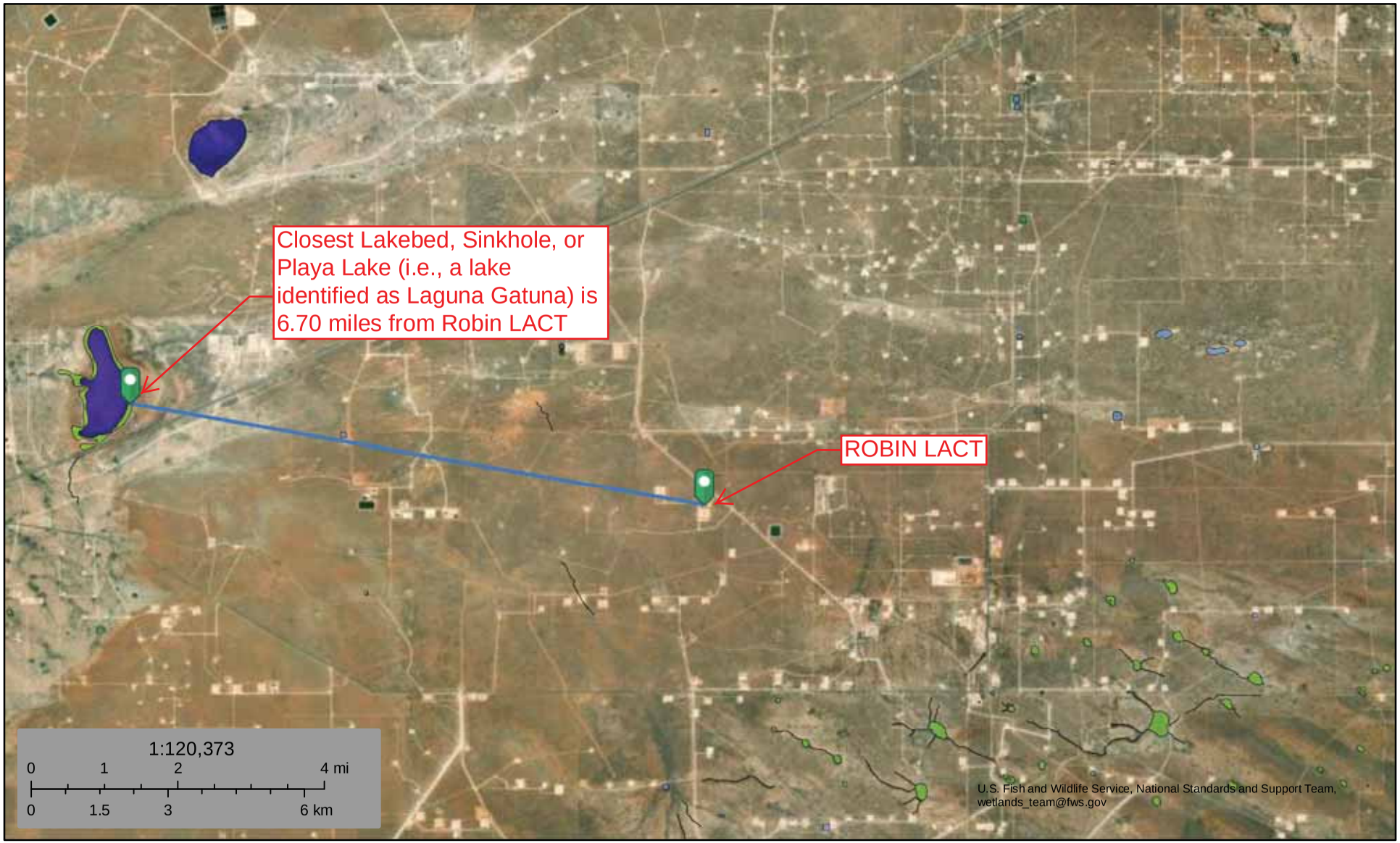
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper


National Wetlands Inventory
surface waters and wetlands
ABOUT
GET DATA
PRINT
FIND LOCATION
BASEMAPS
MAP LAYERS
Measure
Miles
Measurement Result
3.24 Miles
LEGEND
Wetlands
Estuarine and Marine Deepwater
Estuarine and Marine Wetland
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Lake
Other
Riverine
Riparian
Forested/Shrub
Herbaceous
ROBIN LACT
Closest Lakebed, Sinkhole, or Playa Lake (i.e., Freshwater Pond)
Distance from Robin LACT to Closest Lakebed, Sinkhole, or Playa Lake (i.e., Freshwater Pond)
Source Type
Image Scale
Image Year
Areas of Interest
RWS Managed Lands
Data Source
esri

U.S. Fish and Wildlife Service
National Wetlands Inventory

Closest Lakebed, Sinkhole, Playa Lake



January 8, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
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- Lake
- Other
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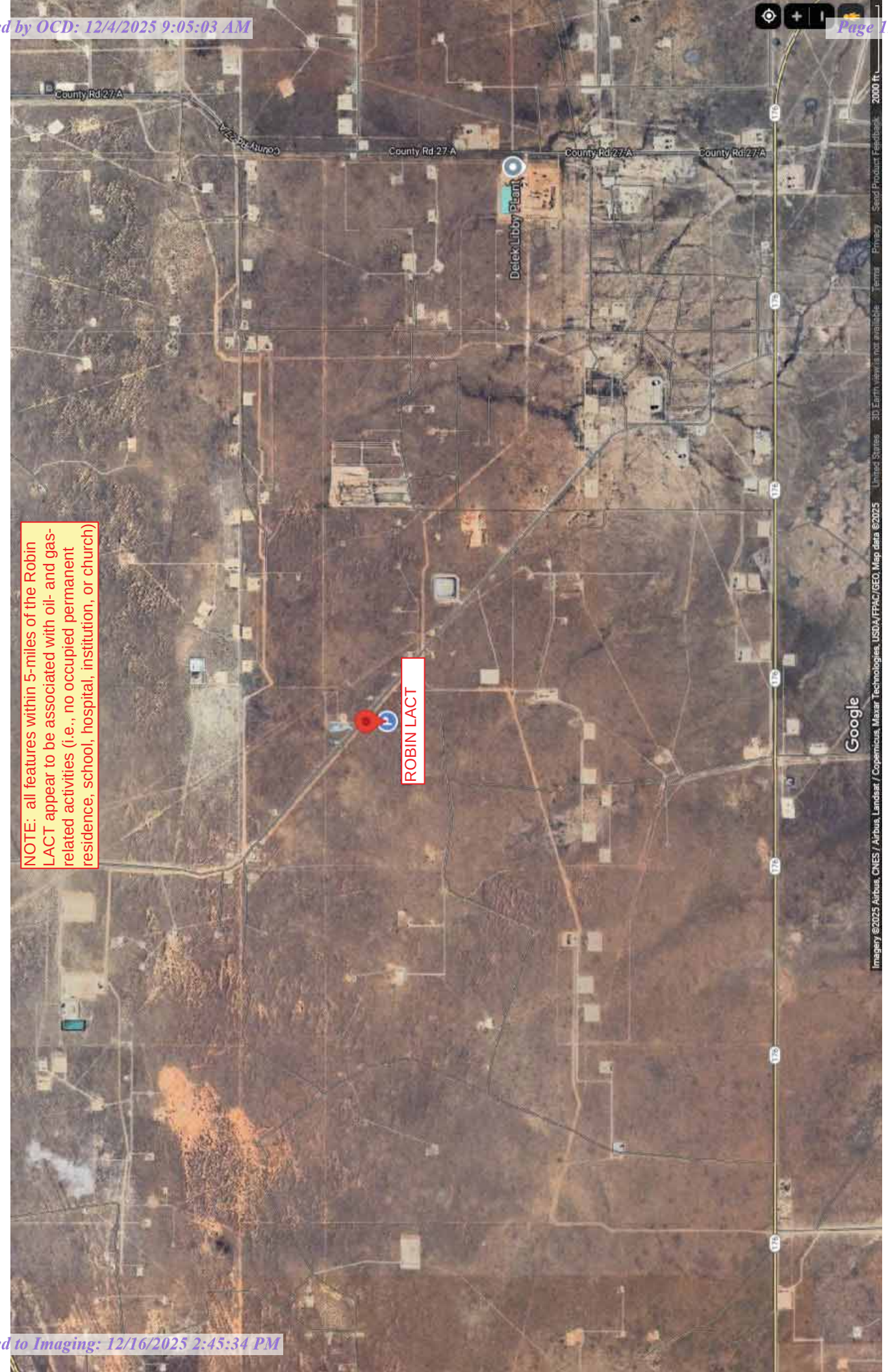
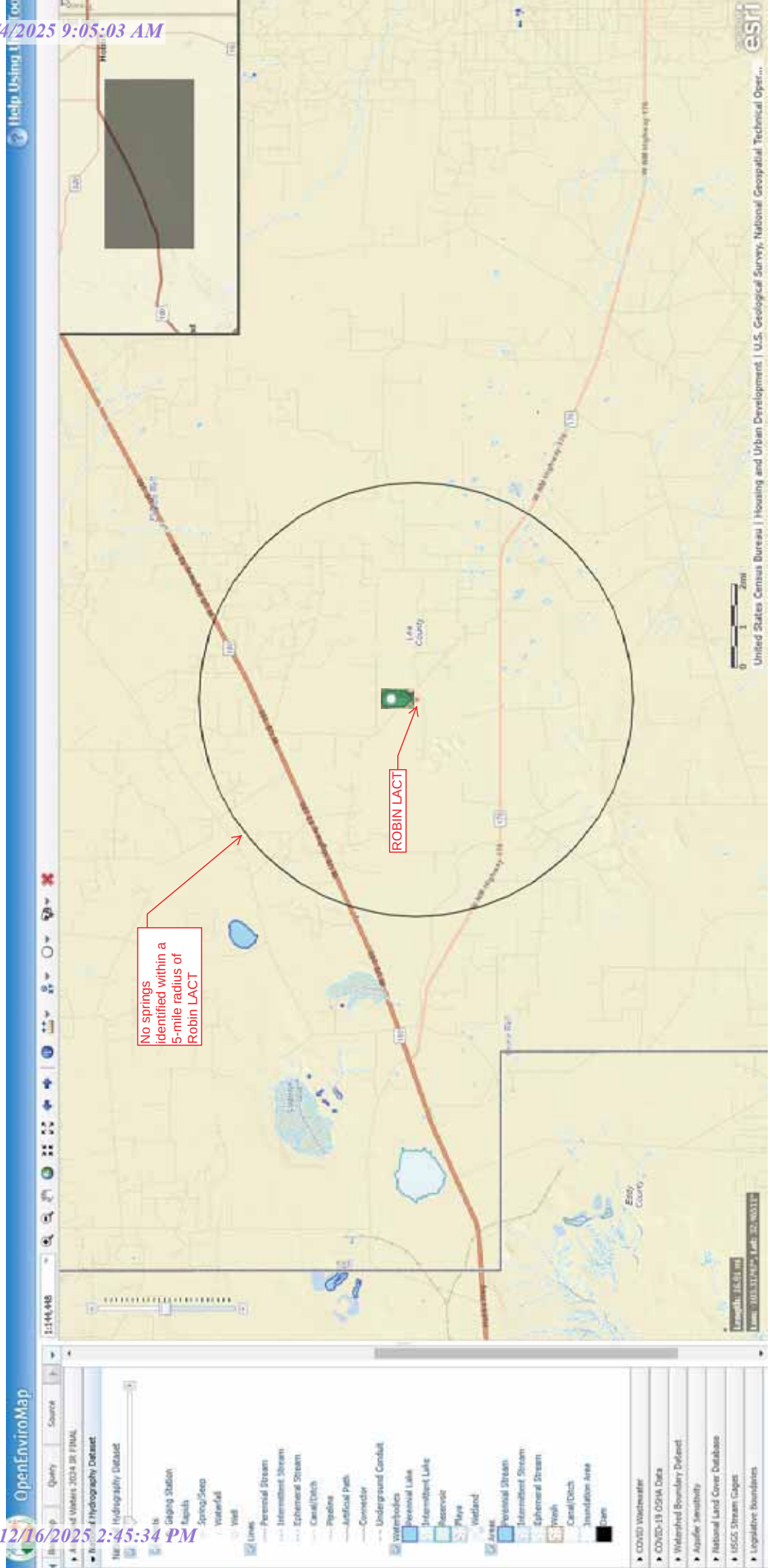
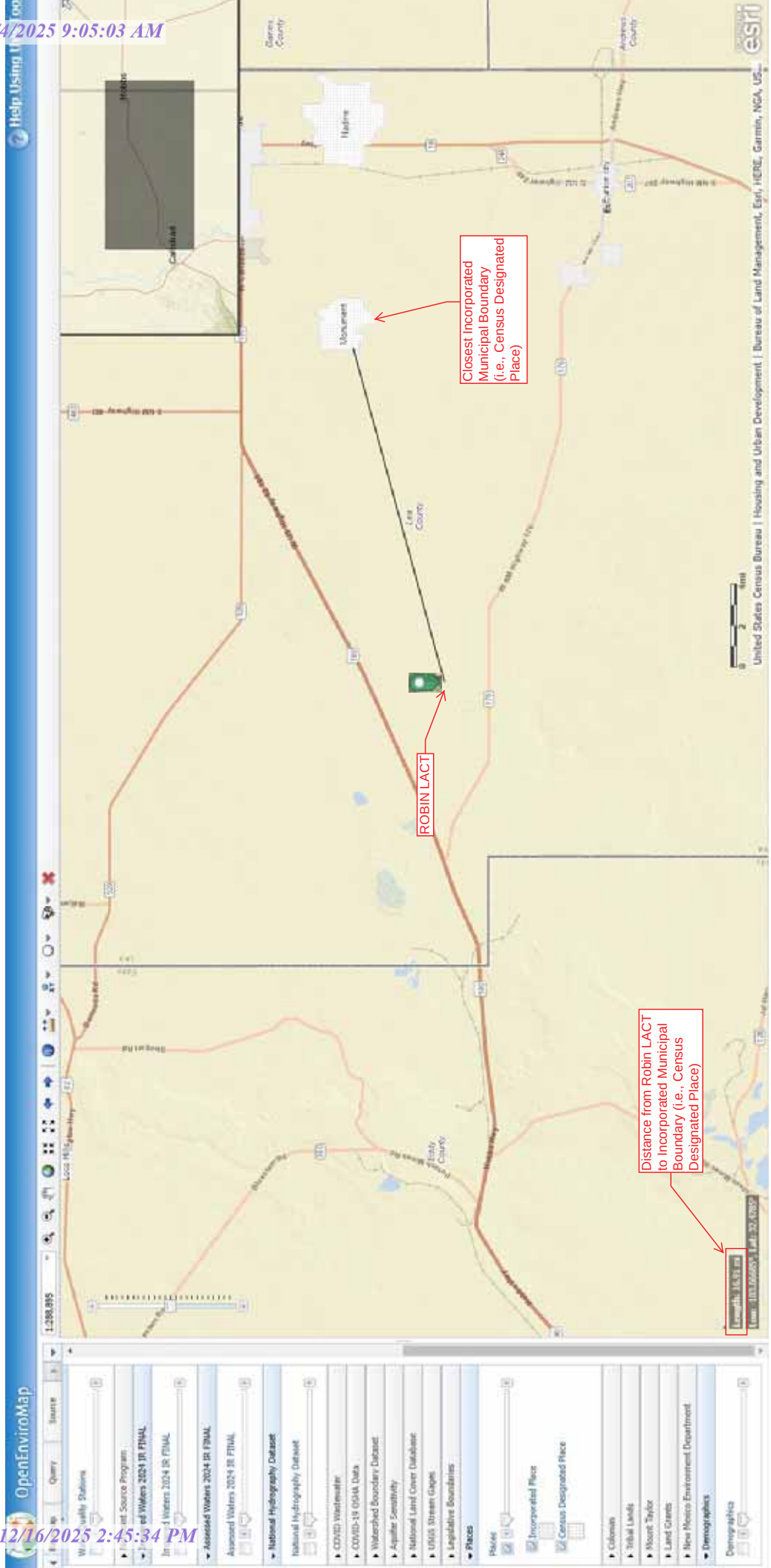
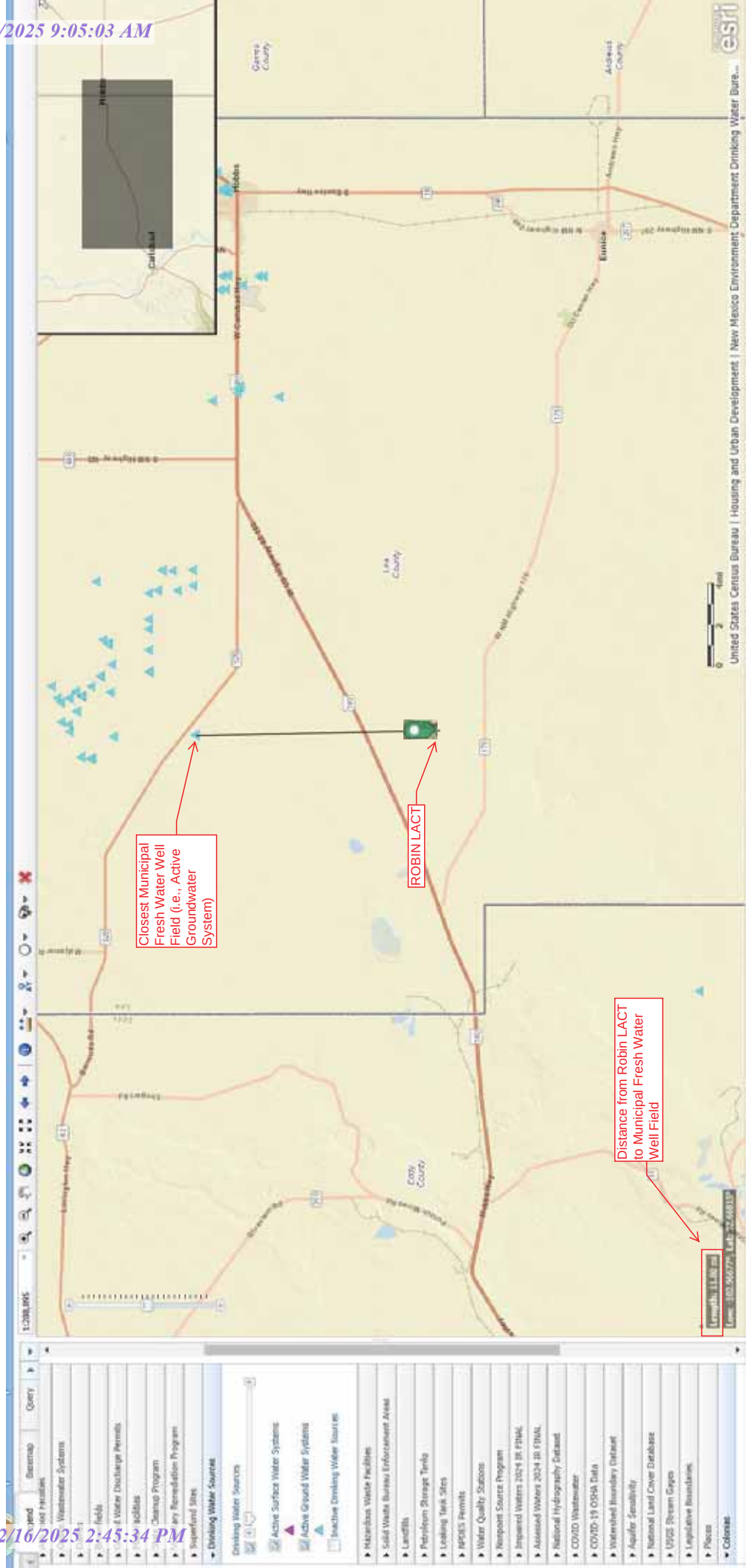
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper


National Wetlands Inventory
surface waters and wetlands
ABOUT
GET DATA
PRINT
FIND LOCATION
BASEMAPS
MAP LAYERS
Measure
Miles
Measurement Result
6.7 Miles
LEGEND
Wetlands
Estuarine and Marine
Deepwater
Estuarine and Marine Wetland
Freshwater Emergent Wetland
Freshwater Forested/Shrub
Wetland
Freshwater Pond
Lake
Other
Riverine
Riparian
Forested/Shrub
Herbaceous
ROBIN LACT
Distance from Robin LACT to Closest Lakebed, Sinkhole, or Playa Lake (i.e., Lake)
Closest Lakebed, Sinkhole, or Playa Lake (i.e., Lake)
esri


County Rd 27 A
County Rd 27 A
County Rd 27 A
County Rd 27 A
Delek Libby Plant
ROBIN LACT
NOTE: all features within 5-miles of the Robin LACT appear to be associated with oil- and gas-related activities (i.e., no occupied permanent residence, school, hospital, institution, or church)
Google
Imagery ©2025 Airbus, CNES / Airbus, Landsat / Copernicus, Maxar Technologies, USDA/FPAC/GEO, Map data ©2025
2000 ft


OpenEnviroMap
No springs identified within a 5-mile radius of Robin LACT
ROBIN LACT
Lea County
Eddy County
United States Census Bureau | Housing and Urban Development | U.S. Geological Survey, National Geospatial Technical Oper...
esri


OpenEnviroMap
Help
Query
Source
Places
Incorporated Place
Census Designated Place
Closest Incorporated Municipal Boundary (i.e., Census Designated Place)
ROBIN LACT
Distance from Robin LACT to Incorporated Municipal Boundary (i.e., Census Designated Place)
United States Census Bureau | Housing and Urban Development | Bureau of Land Management, Esri, HERE, Garmin, NGA, USGS
esri


Closest Municipal Fresh Water Well Field (i.e., Active Groundwater System)
ROBIN LACT
Distance from Robin LACT to Municipal Fresh Water Well Field
United States Census Bureau | Housing and Urban Development | New Mexico Environment Department Drinking Water Bure...
esri

Active Mines in New Mexico

12/21/2024, 3:11:44 PM

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

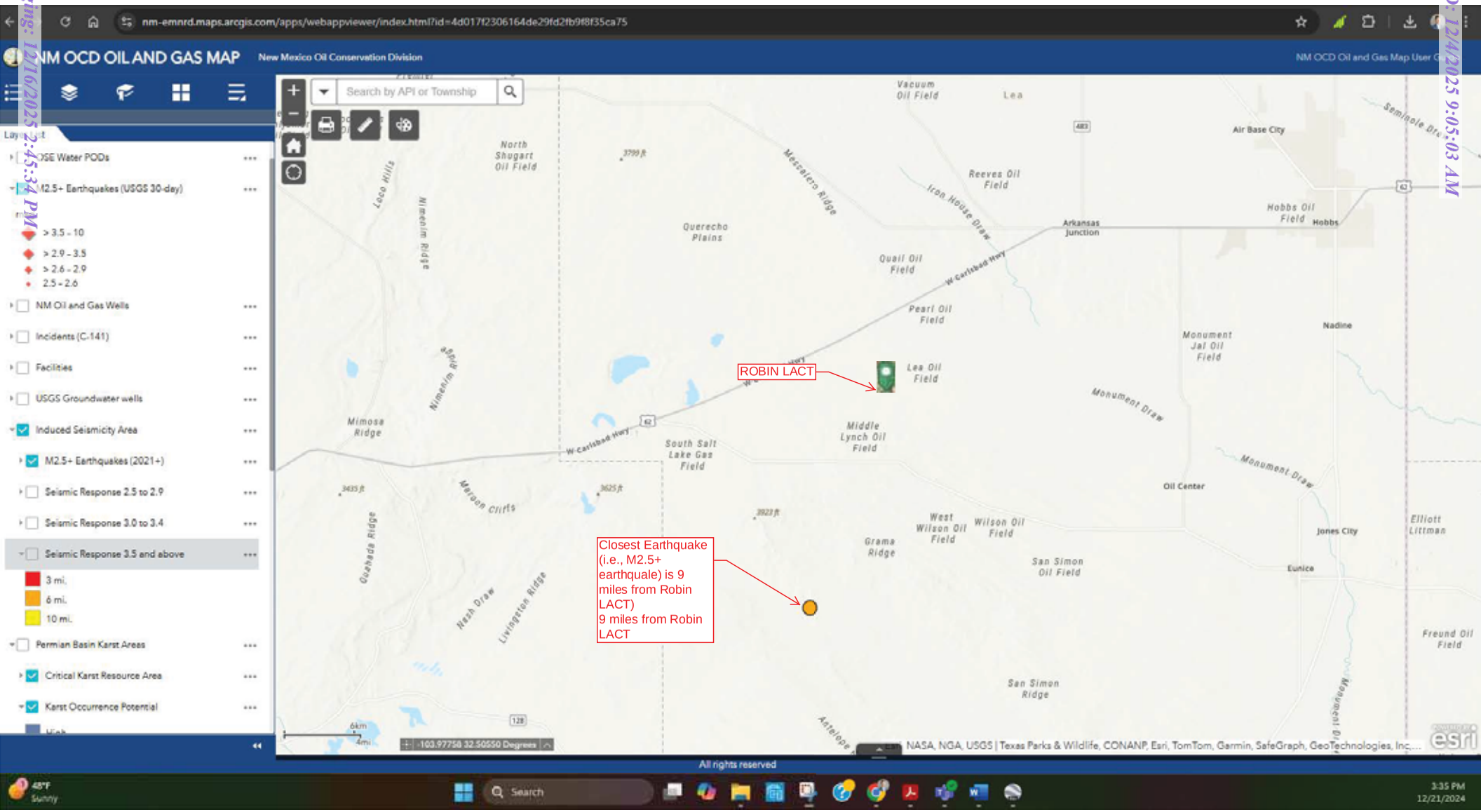
Registered Mines

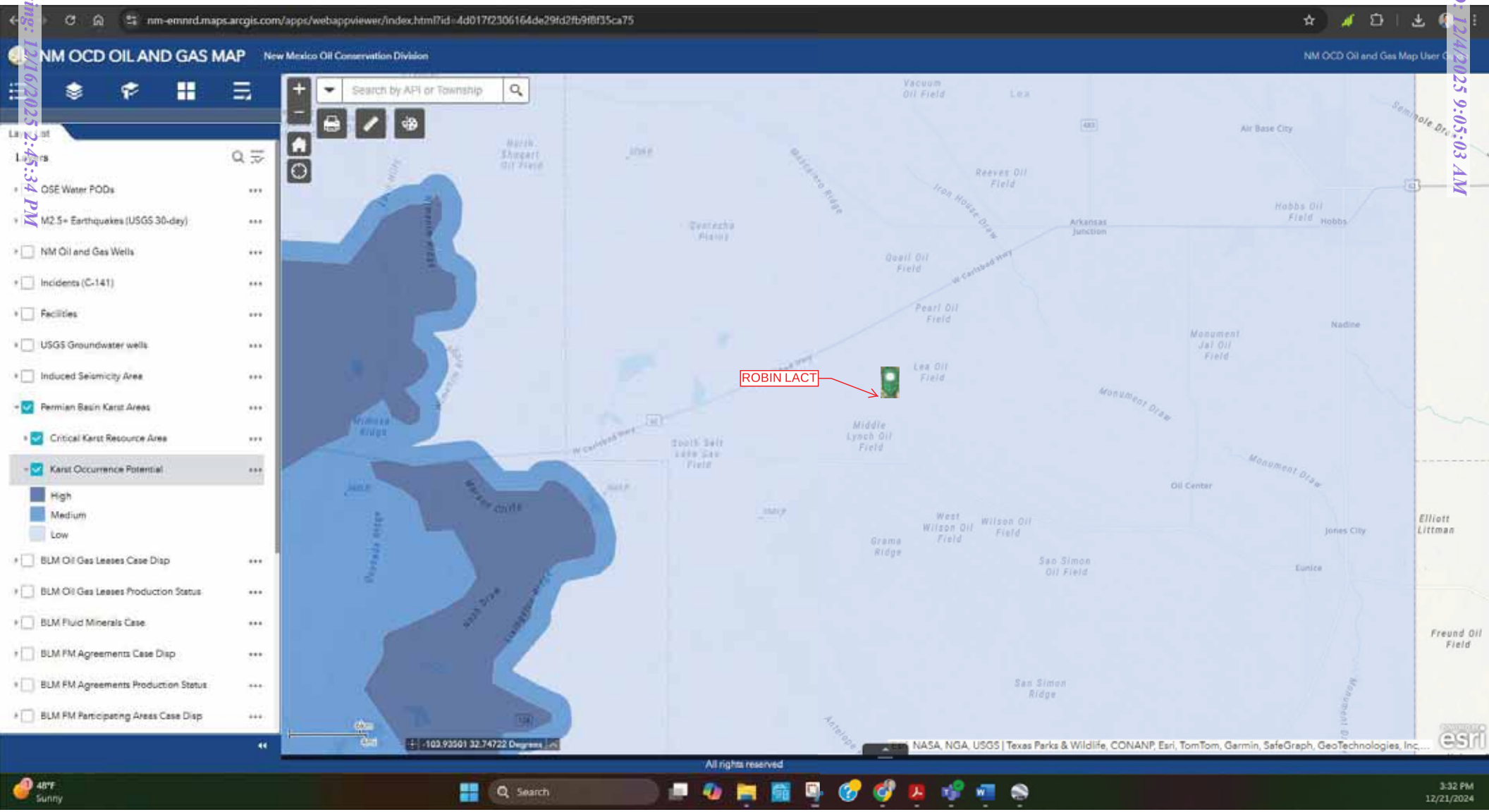
Industrial Minerals (Other)

Maxar

EMNRD MMD GIS Coordinator

New Mexico Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)





National Flood Hazard Layer FIRMette

103°35'W 32°33'29"N

103°34'23"W 32°32'59"N

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

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone*

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

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

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

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

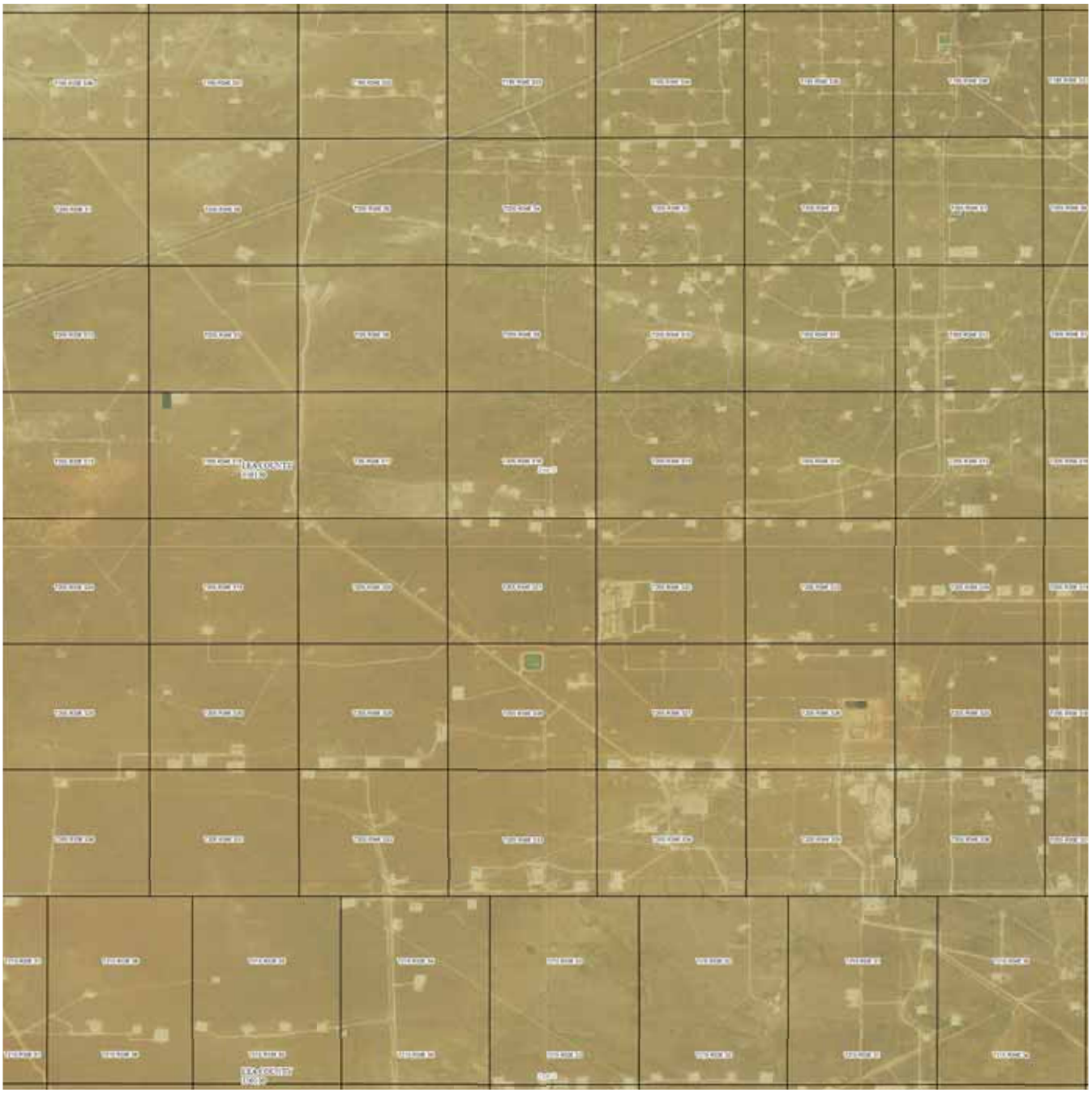
N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/14/2025 at 4:02 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



103°29'58.32"W 32°29'33.67"N

FLOOD HAZARD INFORMATION

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
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- Area with Reduced Flood Risk due to Levee See Notes *Zone X*
- Area with Flood Risk due to Levee *Zone D*

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- Base Flood Elevation Line (BFE)
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- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at https://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates, refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Basemap information shown on this FIRM was provided in digital format by USDA, Farm Service Agency (FSA). This information was derived from NAIP, dated April 11, 2018.

This map was exported from FEMA's National Flood Hazard Layer (NFHL) on **5/14/2025 4:01 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time. For additional information, please see the Flood Hazard Mapping Updates Overview Fact Sheet at https://www.fema.gov/media-library/assets/documents/118418

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards. This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date.

SCALE

Map Projection:
GCS, Geodetic Reference System 1980;
Vertical Datum: No elevation features on this FIRM
For information about the specific vertical datum for elevation features, datum conversions, or vertical monuments used to create this map, please see the Flood Insurance Study (FIS) Report for your community at https://msc.fema.gov

1 inch = 2,000 feet 1:24,000

0 1,000 2,000 4,000 6,000 8,000 Feet

N

0 210 420 840 1,260 1,680 Meters

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
PANEL 1450 OF 2102

Panel Contains:

COMMUNITY	NUMBER	PANEL
LEA COUNTY	350130	1450

MAP NUMBER
35025C1450D
EFFECTIVE DATE
December 16, 2008

ATTACHMENT C

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Randy Gonzalez
SQ Environmental, LLC
PO BOX 1991
Austin, Texas 78767

Generated 1/17/2025 5:33:46 PM

JOB DESCRIPTION

Robin LACT
Robin LACT Unit

JOB NUMBER

880-53216-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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
1/17/2025 5:33:46 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Laboratory Job ID: 880-53216-1
SDG: Robin LACT Unit

Table of Contents

Definitions/Glossary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

HPLC/IC

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

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: SQ Environmental, LLC
Project: Robin LACT

Job ID: 880-53216-1

Job ID: 880-53216-1 Eurofins Midland

Job Narrative
880-53216-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 1/15/2025 8:00 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 2.2°C.

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-01 (0.0) (880-53216-1), CS-03 (1.0) (880-53216-3), CS-04 (1.0) (880-53216-4) and CS-06 (1.0) (880-53216-6). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: CS-05 (1.0) (880-53216-5) and CS-06 (1.0) (880-53216-6). Elevated reporting limits (RLs) are provided.

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-100306 and analytical batch 880-100403 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-02 (0.0) (880-53216-2), CS-03 (1.0) (880-53216-3) and CS-06 (1.0) (880-53216-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-04 (1.0) (880-53216-4) and CS-05 (1.0) (880-53216-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-100403 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-100306 and analytical batch 880-100403 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-100306/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-01 (0.0) (880-53216-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Eurofins Midland

Case Narrative

Client: SQ Environmental, LLC
Project: Robin LACT

Job ID: 880-53216-1

Job ID: 880-53216-1 (Continued) Eurofins Midland

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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100419 and analytical batch 880-100434 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is 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: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Client Sample ID: CS-01 (0.0)

Date Collected: 01/14/25 15:37
Date Received: 01/15/25 08:00

Lab Sample ID: 880-53216-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.67		0.100	0.0696	mg/Kg		01/15/25 10:00	01/15/25 17:50	50
Toluene	14.2		0.100	0.100	mg/Kg		01/15/25 10:00	01/15/25 17:50	50
Ethylbenzene	5.64		0.100	0.0545	mg/Kg		01/15/25 10:00	01/15/25 17:50	50
m-Xylene & p-Xylene	16.5		0.200	0.114	mg/Kg		01/15/25 10:00	01/15/25 17:50	50
o-Xylene	8.87		0.100	0.0792	mg/Kg		01/15/25 10:00	01/15/25 17:50	50
Xylenes, Total	25.4		0.200	0.114	mg/Kg		01/15/25 10:00	01/15/25 17:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*204*	*X*	*70 - 130*	*01/15/25 10:00*	*01/15/25 17:50*	*50*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*01/15/25 10:00*	*01/15/25 17:50*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	48.9		0.200	0.114	mg/Kg			01/15/25 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9480		497	150	mg/Kg			01/17/25 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1150		497	144	mg/Kg		01/15/25 10:28	01/17/25 14:53	10
Diesel Range Organics (Over C10-C28)	8330		497	150	mg/Kg		01/15/25 10:28	01/17/25 14:53	10
Oil Range Organics (Over C28-C36)	<150	U	497	150	mg/Kg		01/15/25 10:28	01/17/25 14:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*01/15/25 10:28*	*01/17/25 14:53*	*10*
o-Terphenyl	*255*	*X*	*70 - 130*	*01/15/25 10:28*	*01/17/25 14:53*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.8		10.0	0.395	mg/Kg			01/16/25 18:33	1

Client Sample ID: CS-02 (0.0)

Date Collected: 01/14/25 15:48
Date Received: 01/15/25 08:00

Lab Sample ID: 880-53216-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.259		0.0996	0.0693	mg/Kg		01/15/25 10:00	01/15/25 18:11	50
Toluene	2.60		0.0996	0.0996	mg/Kg		01/15/25 10:00	01/15/25 18:11	50
Ethylbenzene	2.92		0.0996	0.0542	mg/Kg		01/15/25 10:00	01/15/25 18:11	50
m-Xylene & p-Xylene	3.91		0.199	0.114	mg/Kg		01/15/25 10:00	01/15/25 18:11	50
o-Xylene	1.55		0.0996	0.0789	mg/Kg		01/15/25 10:00	01/15/25 18:11	50
Xylenes, Total	5.46		0.199	0.114	mg/Kg		01/15/25 10:00	01/15/25 18:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/15/25 10:00*	*01/15/25 18:11*	*50*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*01/15/25 10:00*	*01/15/25 18:11*	*50*

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Client Sample ID: CS-02 (0.0)

Date Collected: 01/14/25 15:48
Date Received: 01/15/25 08:00

Lab Sample ID: 880-53216-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	11.2		0.199	0.114	mg/Kg			01/15/25 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6450		49.9	15.1	mg/Kg			01/17/25 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	416		49.9	14.5	mg/Kg		01/15/25 10:24	01/17/25 03:08	1
Diesel Range Organics (Over C10-C28)	6030	*	49.9	15.1	mg/Kg		01/15/25 10:24	01/17/25 03:08	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		01/15/25 10:24	01/17/25 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 03:08*	*1*
o-Terphenyl	*169*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 03:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		10.1	0.399	mg/Kg			01/16/25 18:39	1

Client Sample ID: CS-03 (1.0)

Date Collected: 01/14/25 15:58
Date Received: 01/15/25 08:00

Lab Sample ID: 880-53216-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.64		0.101	0.0702	mg/Kg		01/15/25 10:00	01/15/25 18:31	50
Toluene	14.9		0.101	0.101	mg/Kg		01/15/25 10:00	01/15/25 18:31	50
Ethylbenzene	6.77		0.101	0.0549	mg/Kg		01/15/25 10:00	01/15/25 18:31	50
m-Xylene & p-Xylene	17.6		0.202	0.115	mg/Kg		01/15/25 10:00	01/15/25 18:31	50
o-Xylene	8.55		0.101	0.0798	mg/Kg		01/15/25 10:00	01/15/25 18:31	50
Xylenes, Total	26.2		0.202	0.115	mg/Kg		01/15/25 10:00	01/15/25 18:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*210*	*X*	*70 - 130*	*01/15/25 10:00*	*01/15/25 18:31*	*50*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/15/25 10:00*	*01/15/25 18:31*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	50.5		0.202	0.115	mg/Kg			01/15/25 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5040		49.7	15.0	mg/Kg			01/17/25 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1530		49.7	14.4	mg/Kg		01/15/25 10:24	01/17/25 03:23	1
Diesel Range Organics (Over C10-C28)	3510	*	49.7	15.0	mg/Kg		01/15/25 10:24	01/17/25 03:23	1

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Client Sample ID: CS-03 (1.0)

Date Collected: 01/14/25 15:58
Date Received: 01/15/25 08:00

Lab Sample ID: 880-53216-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg		01/15/25 10:24	01/17/25 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 03:23*	*1*
o-Terphenyl	*180*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 03:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.9		10.0	0.397	mg/Kg			01/16/25 18:45	1

Client Sample ID: CS-04 (1.0)

Date Collected: 01/14/25 16:11
Date Received: 01/15/25 08:00

Lab Sample ID: 880-53216-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.274		0.0998	0.0695	mg/Kg		01/15/25 10:00	01/15/25 18:52	50
Toluene	4.06		0.0998	0.0998	mg/Kg		01/15/25 10:00	01/15/25 18:52	50
Ethylbenzene	2.13		0.0998	0.0543	mg/Kg		01/15/25 10:00	01/15/25 18:52	50
m-Xylene & p-Xylene	6.63		0.200	0.114	mg/Kg		01/15/25 10:00	01/15/25 18:52	50
o-Xylene	2.89		0.0998	0.0790	mg/Kg		01/15/25 10:00	01/15/25 18:52	50
Xylenes, Total	9.52		0.200	0.114	mg/Kg		01/15/25 10:00	01/15/25 18:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*X*	*70 - 130*	*01/15/25 10:00*	*01/15/25 18:52*	*50*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/15/25 10:00*	*01/15/25 18:52*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	16.0		0.200	0.114	mg/Kg			01/15/25 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1990		50.0	15.1	mg/Kg			01/17/25 03:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	391		50.0	14.5	mg/Kg		01/15/25 10:24	01/17/25 03:38	1
Diesel Range Organics (Over C10-C28)	1600	*	50.0	15.1	mg/Kg		01/15/25 10:24	01/17/25 03:38	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		01/15/25 10:24	01/17/25 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*01/15/25 10:24*	*01/17/25 03:38*	*1*
o-Terphenyl	*148*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 03:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		10.0	0.395	mg/Kg			01/16/25 18:51	1

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Client Sample ID: CS-05 (1.0)

Lab Sample ID: 880-53216-5
Matrix: Solid
Date Collected: 01/14/25 16:19
Date Received: 01/15/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0700	U	0.101	0.0700	mg/Kg		01/15/25 10:00	01/15/25 19:12	50
Toluene	1.13		0.101	0.101	mg/Kg		01/15/25 10:00	01/15/25 19:12	50
Ethylbenzene	0.435		0.101	0.0548	mg/Kg		01/15/25 10:00	01/15/25 19:12	50
m-Xylene & p-Xylene	1.63		0.201	0.115	mg/Kg		01/15/25 10:00	01/15/25 19:12	50
o-Xylene	0.513		0.101	0.0797	mg/Kg		01/15/25 10:00	01/15/25 19:12	50
Xylenes, Total	2.14		0.201	0.115	mg/Kg		01/15/25 10:00	01/15/25 19:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/15/25 10:00*	*01/15/25 19:12*	*50*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/15/25 10:00*	*01/15/25 19:12*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3.71		0.201	0.115	mg/Kg			01/15/25 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	930		49.8	15.1	mg/Kg			01/17/25 03:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	50.3		49.8	14.5	mg/Kg		01/15/25 10:24	01/17/25 03:54	1
Diesel Range Organics (Over C10-C28)	880	*	49.8	15.1	mg/Kg		01/15/25 10:24	01/17/25 03:54	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		01/15/25 10:24	01/17/25 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*01/15/25 10:24*	*01/17/25 03:54*	*1*
o-Terphenyl	*135*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 03:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.3		10.1	0.398	mg/Kg			01/16/25 15:42	1

Client Sample ID: CS-06 (1.0)

Lab Sample ID: 880-53216-6
Matrix: Solid
Date Collected: 01/14/25 16:28
Date Received: 01/15/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0695	U	0.0998	0.0695	mg/Kg		01/15/25 10:00	01/15/25 19:33	50
Toluene	2.71		0.0998	0.0998	mg/Kg		01/15/25 10:00	01/15/25 19:33	50
Ethylbenzene	1.62		0.0998	0.0543	mg/Kg		01/15/25 10:00	01/15/25 19:33	50
m-Xylene & p-Xylene	5.75		0.200	0.114	mg/Kg		01/15/25 10:00	01/15/25 19:33	50
o-Xylene	2.74		0.0998	0.0790	mg/Kg		01/15/25 10:00	01/15/25 19:33	50
Xylenes, Total	8.49		0.200	0.114	mg/Kg		01/15/25 10:00	01/15/25 19:33	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*X*	*70 - 130*	*01/15/25 10:00*	*01/15/25 19:33*	*50*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/15/25 10:00*	*01/15/25 19:33*	*50*

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Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Client Sample ID: CS-06 (1.0)

Date Collected: 01/14/25 16:28
Date Received: 01/15/25 08:00

Lab Sample ID: 880-53216-6

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.8		0.200	0.114	mg/Kg			01/15/25 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2290		49.8	15.1	mg/Kg			01/17/25 04:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	381		49.8	14.5	mg/Kg		01/15/25 10:24	01/17/25 04:10	1
Diesel Range Organics (Over C10-C28)	1910	*	49.8	15.1	mg/Kg		01/15/25 10:24	01/17/25 04:10	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		01/15/25 10:24	01/17/25 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 04:10*	*1*
o-Terphenyl	*165*	*X*	*70 - 130*	*01/15/25 10:24*	*01/17/25 04:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.1		10.0	0.397	mg/Kg			01/16/25 15:59	1

Surrogate Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-53216-1	CS-01 (0.0)	204 X	112
880-53216-2	CS-02 (0.0)	112	81
880-53216-3	CS-03 (1.0)	210 X	100
880-53216-4	CS-04 (1.0)	159 X	99
880-53216-5	CS-05 (1.0)	112	94
880-53216-6	CS-06 (1.0)	138 X	93
890-7571-A-5-A MS	Matrix Spike	104	101
890-7571-A-5-B MSD	Matrix Spike Duplicate	117	98
LCS 880-100290/1-A	Lab Control Sample	108	96
LCSD 880-100290/2-A	Lab Control Sample Dup	120	97
MB 880-100290/5-A	Method Blank	95	91

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-53210-A-9-C MS	Matrix Spike	116	124
880-53210-A-9-D MSD	Matrix Spike Duplicate	116	124
880-53216-1	CS-01 (0.0)	121	255 X
880-53216-2	CS-02 (0.0)	133 X	169 X
880-53216-3	CS-03 (1.0)	146 X	180 X
880-53216-4	CS-04 (1.0)	129	148 X
880-53216-5	CS-05 (1.0)	120	135 X
880-53216-6	CS-06 (1.0)	145 X	165 X
880-53219-A-1-B MS	Matrix Spike	83	84
880-53219-A-1-C MSD	Matrix Spike Duplicate	84	83
LCS 880-100306/2-A	Lab Control Sample	131 X	140 X
LCS 880-100310/2-A	Lab Control Sample	77	78
LCSD 880-100306/3-A	Lab Control Sample Dup	114	126
LCSD 880-100310/3-A	Lab Control Sample Dup	105	88
MB 880-100306/1-A	Method Blank	143 X	151 X
MB 880-100310/1-A	Method Blank	112	109

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-100290/5-A
Matrix: Solid
Analysis Batch: 100282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		01/15/25 08:30	01/15/25 11:29	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		01/15/25 08:30	01/15/25 11:29	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		01/15/25 08:30	01/15/25 11:29	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		01/15/25 08:30	01/15/25 11:29	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		01/15/25 08:30	01/15/25 11:29	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		01/15/25 08:30	01/15/25 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*01/15/25 08:30*	*01/15/25 11:29*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/15/25 08:30*	*01/15/25 11:29*	*1*

Lab Sample ID: LCS 880-100290/1-A
Matrix: Solid
Analysis Batch: 100282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1023		mg/Kg		102	70 - 130
Toluene	0.100	0.1115		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2176		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1196		mg/Kg		120	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-100290/2-A
Matrix: Solid
Analysis Batch: 100282

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 100290

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09684		mg/Kg		97	70 - 130	6	35
Toluene	0.100	0.1100		mg/Kg		110	70 - 130	1	35
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2147		mg/Kg		107	70 - 130	1	35
o-Xylene	0.100	0.1177		mg/Kg		118	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-7571-A-5-A MS
Matrix: Solid
Analysis Batch: 100282

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 100290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.0992	0.09774		mg/Kg		99	70 - 130
Toluene	<0.00199	U	0.0992	0.1069		mg/Kg		108	70 - 130

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QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

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

Lab Sample ID: 890-7571-A-5-A MS
Matrix: Solid
Analysis Batch: 100282

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 100290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00108	U	0.0992	0.1041		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00228	U	0.198	0.1989		mg/Kg		100	70 - 130
o-Xylene	<0.00158	U	0.0992	0.1085		mg/Kg		109	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-7571-A-5-B MSD
Matrix: Solid
Analysis Batch: 100282

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 100290

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.100	0.1029		mg/Kg		103	70 - 130	5	35
Toluene	<0.00199	U	0.100	0.1090		mg/Kg		109	70 - 130	2	35
Ethylbenzene	<0.00108	U	0.100	0.1038		mg/Kg		103	70 - 130	0	35
m-Xylene & p-Xylene	<0.00228	U	0.201	0.2009		mg/Kg		100	70 - 130	1	35
o-Xylene	<0.00158	U	0.100	0.1098		mg/Kg		109	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-100306/1-A
Matrix: Solid
Analysis Batch: 100403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		01/15/25 10:24	01/16/25 17:39	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		01/15/25 10:24	01/16/25 17:39	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		01/15/25 10:24	01/16/25 17:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*X*	*70 - 130*	*01/15/25 10:24*	*01/16/25 17:39*	*1*
o-Terphenyl	*151*	*X*	*70 - 130*	*01/15/25 10:24*	*01/16/25 17:39*	*1*

Lab Sample ID: LCS 880-100306/2-A
Matrix: Solid
Analysis Batch: 100403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1250		mg/Kg		125	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1341	*	mg/Kg		134	70 - 130

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

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

Lab Sample ID: LCS 880-100306/2-A
Matrix: Solid
Analysis Batch: 100403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100306

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	131	X	70 - 130
o-Terphenyl	140	X	70 - 130

Lab Sample ID: LCSD 880-100306/3-A
Matrix: Solid
Analysis Batch: 100403

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 100306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1024		mg/Kg		102	70 - 130	20	20
Diesel Range Organics (Over C10-C28)			1000	1101		mg/Kg		110	70 - 130	20	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: 880-53210-A-9-C MS
Matrix: Solid
Analysis Batch: 100403

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 100306

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	999	919.1		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	71.9	*	999	1104		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 880-53210-A-9-D MSD
Matrix: Solid
Analysis Batch: 100403

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 100306

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	<14.5	U	999	986.7		mg/Kg		99	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	71.9	*	999	1139		mg/Kg		107	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	124		70 - 130

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

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

Lab Sample ID: MB 880-100310/1-A
Matrix: Solid
Analysis Batch: 100509

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		01/15/25 10:28	01/17/25 04:57	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		01/15/25 10:28	01/17/25 04:57	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		01/15/25 10:28	01/17/25 04:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*01/15/25 10:28*	*01/17/25 04:57*	*1*
o-Terphenyl	*109*		*70 - 130*	*01/15/25 10:28*	*01/17/25 04:57*	*1*

Lab Sample ID: LCS 880-100310/2-A
Matrix: Solid
Analysis Batch: 100509

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100310

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	833.8		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	775.7		mg/Kg		78	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*78*		*70 - 130*

Lab Sample ID: LCSD 880-100310/3-A
Matrix: Solid
Analysis Batch: 100509

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 100310

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	894.7		mg/Kg		89	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	791.7		mg/Kg		79	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*88*		*70 - 130*

Lab Sample ID: 880-53219-A-1-B MS
Matrix: Solid
Analysis Batch: 100509

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 100310

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	995	665.6	N1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	<15.1	U	995	687.4	N1	mg/Kg		69	70 - 130

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

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

Lab Sample ID: 880-53219-A-1-B MS
Matrix: Solid
Analysis Batch: 100509

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 100310

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 880-53219-A-1-C MSD
Matrix: Solid
Analysis Batch: 100509

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 100310

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	<14.5	U	995	660.7	N1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<15.1	U	995	671.3	N1	mg/Kg		67	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	83		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-100419/1-A
Matrix: Solid
Analysis Batch: 100434

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			01/16/25 16:05	1

Lab Sample ID: LCS 880-100419/2-A
Matrix: Solid
Analysis Batch: 100434

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.5		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-100419/3-A
Matrix: Solid
Analysis Batch: 100434

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	235.1		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-53142-A-1-F MS
Matrix: Solid
Analysis Batch: 100434

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	229		252	508.2	N1	mg/Kg		111	90 - 110

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-53142-A-1-G MSD
Matrix: Solid
Analysis Batch: 100434

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	229		252	509.4	N1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-100445/1-A
Matrix: Solid
Analysis Batch: 100453

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			01/16/25 15:25	1

Lab Sample ID: LCS 880-100445/2-A
Matrix: Solid
Analysis Batch: 100453

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.2		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-100445/3-A
Matrix: Solid
Analysis Batch: 100453

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	235.8		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-53216-5 MS
Matrix: Solid
Analysis Batch: 100453

Client Sample ID: CS-05 (1.0)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	77.3		252	326.6		mg/Kg		99	90 - 110

Lab Sample ID: 880-53216-5 MSD
Matrix: Solid
Analysis Batch: 100453

Client Sample ID: CS-05 (1.0)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	77.3		252	327.0		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

GC VOA

Analysis Batch: 100282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Total/NA	Solid	8021B	100290
880-53216-2	CS-02 (0.0)	Total/NA	Solid	8021B	100290
880-53216-3	CS-03 (1.0)	Total/NA	Solid	8021B	100290
880-53216-4	CS-04 (1.0)	Total/NA	Solid	8021B	100290
880-53216-5	CS-05 (1.0)	Total/NA	Solid	8021B	100290
880-53216-6	CS-06 (1.0)	Total/NA	Solid	8021B	100290
MB 880-100290/5-A	Method Blank	Total/NA	Solid	8021B	100290
LCS 880-100290/1-A	Lab Control Sample	Total/NA	Solid	8021B	100290
LCSD 880-100290/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	100290
890-7571-A-5-A MS	Matrix Spike	Total/NA	Solid	8021B	100290
890-7571-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	100290

Prep Batch: 100290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Total/NA	Solid	5035	
880-53216-2	CS-02 (0.0)	Total/NA	Solid	5035	
880-53216-3	CS-03 (1.0)	Total/NA	Solid	5035	
880-53216-4	CS-04 (1.0)	Total/NA	Solid	5035	
880-53216-5	CS-05 (1.0)	Total/NA	Solid	5035	
880-53216-6	CS-06 (1.0)	Total/NA	Solid	5035	
MB 880-100290/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-100290/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-100290/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7571-A-5-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7571-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 100444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Total/NA	Solid	Total BTEX	
880-53216-2	CS-02 (0.0)	Total/NA	Solid	Total BTEX	
880-53216-3	CS-03 (1.0)	Total/NA	Solid	Total BTEX	
880-53216-4	CS-04 (1.0)	Total/NA	Solid	Total BTEX	
880-53216-5	CS-05 (1.0)	Total/NA	Solid	Total BTEX	
880-53216-6	CS-06 (1.0)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 100306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-2	CS-02 (0.0)	Total/NA	Solid	8015NM Prep	
880-53216-3	CS-03 (1.0)	Total/NA	Solid	8015NM Prep	
880-53216-4	CS-04 (1.0)	Total/NA	Solid	8015NM Prep	
880-53216-5	CS-05 (1.0)	Total/NA	Solid	8015NM Prep	
880-53216-6	CS-06 (1.0)	Total/NA	Solid	8015NM Prep	
MB 880-100306/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-100306/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-100306/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53210-A-9-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-53210-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

GC Semi VOA

Prep Batch: 100310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Total/NA	Solid	8015NM Prep	
MB 880-100310/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-100310/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-100310/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53219-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-53219-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 100403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-2	CS-02 (0.0)	Total/NA	Solid	8015B NM	100306
880-53216-3	CS-03 (1.0)	Total/NA	Solid	8015B NM	100306
880-53216-4	CS-04 (1.0)	Total/NA	Solid	8015B NM	100306
880-53216-5	CS-05 (1.0)	Total/NA	Solid	8015B NM	100306
880-53216-6	CS-06 (1.0)	Total/NA	Solid	8015B NM	100306
MB 880-100306/1-A	Method Blank	Total/NA	Solid	8015B NM	100306
LCS 880-100306/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	100306
LCSD 880-100306/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	100306
880-53210-A-9-C MS	Matrix Spike	Total/NA	Solid	8015B NM	100306
880-53210-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	100306

Analysis Batch: 100509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Total/NA	Solid	8015B NM	100310
MB 880-100310/1-A	Method Blank	Total/NA	Solid	8015B NM	100310
LCS 880-100310/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	100310
LCSD 880-100310/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	100310
880-53219-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	100310
880-53219-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	100310

Analysis Batch: 100574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Total/NA	Solid	8015 NM	
880-53216-2	CS-02 (0.0)	Total/NA	Solid	8015 NM	
880-53216-3	CS-03 (1.0)	Total/NA	Solid	8015 NM	
880-53216-4	CS-04 (1.0)	Total/NA	Solid	8015 NM	
880-53216-5	CS-05 (1.0)	Total/NA	Solid	8015 NM	
880-53216-6	CS-06 (1.0)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 100419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Soluble	Solid	DI Leach	
880-53216-2	CS-02 (0.0)	Soluble	Solid	DI Leach	
880-53216-3	CS-03 (1.0)	Soluble	Solid	DI Leach	
880-53216-4	CS-04 (1.0)	Soluble	Solid	DI Leach	
MB 880-100419/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-100419/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-100419/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53142-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-53142-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

HPLC/IC

Analysis Batch: 100434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-1	CS-01 (0.0)	Soluble	Solid	300.0	100419
880-53216-2	CS-02 (0.0)	Soluble	Solid	300.0	100419
880-53216-3	CS-03 (1.0)	Soluble	Solid	300.0	100419
880-53216-4	CS-04 (1.0)	Soluble	Solid	300.0	100419
MB 880-100419/1-A	Method Blank	Soluble	Solid	300.0	100419
LCS 880-100419/2-A	Lab Control Sample	Soluble	Solid	300.0	100419
LCSD 880-100419/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	100419
880-53142-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	100419
880-53142-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	100419

Leach Batch: 100445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-5	CS-05 (1.0)	Soluble	Solid	DI Leach	
880-53216-6	CS-06 (1.0)	Soluble	Solid	DI Leach	
MB 880-100445/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-100445/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-100445/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53216-5 MS	CS-05 (1.0)	Soluble	Solid	DI Leach	
880-53216-5 MSD	CS-05 (1.0)	Soluble	Solid	DI Leach	

Analysis Batch: 100453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53216-5	CS-05 (1.0)	Soluble	Solid	300.0	100445
880-53216-6	CS-06 (1.0)	Soluble	Solid	300.0	100445
MB 880-100445/1-A	Method Blank	Soluble	Solid	300.0	100445
LCS 880-100445/2-A	Lab Control Sample	Soluble	Solid	300.0	100445
LCSD 880-100445/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	100445
880-53216-5 MS	CS-05 (1.0)	Soluble	Solid	300.0	100445
880-53216-5 MSD	CS-05 (1.0)	Soluble	Solid	300.0	100445

Lab Chronicle

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Client Sample ID: CS-01 (0.0)

Lab Sample ID: 880-53216-1
Matrix: Solid
Date Collected: 01/14/25 15:37
Date Received: 01/15/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	100290	01/15/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	100282	01/15/25 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			100444	01/15/25 17:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			100574	01/17/25 14:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	100310	01/15/25 10:28	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	100509	01/17/25 14:53	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	100419	01/16/25 09:53	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100434	01/16/25 18:33	CH	EET MID

Client Sample ID: CS-02 (0.0)

Lab Sample ID: 880-53216-2
Matrix: Solid
Date Collected: 01/14/25 15:48
Date Received: 01/15/25 08:00

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	100290	01/15/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	100282	01/15/25 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			100444	01/15/25 18:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			100574	01/17/25 03:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	100306	01/15/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100403	01/17/25 03:08	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	100419	01/16/25 09:53	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100434	01/16/25 18:39	CH	EET MID

Client Sample ID: CS-03 (1.0)

Lab Sample ID: 880-53216-3
Matrix: Solid
Date Collected: 01/14/25 15:58
Date Received: 01/15/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	100290	01/15/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	100282	01/15/25 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			100444	01/15/25 18:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			100574	01/17/25 03:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	100306	01/15/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100403	01/17/25 03:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	100419	01/16/25 09:53	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100434	01/16/25 18:45	CH	EET MID

Client Sample ID: CS-04 (1.0)

Lab Sample ID: 880-53216-4
Matrix: Solid
Date Collected: 01/14/25 16:11
Date Received: 01/15/25 08:00

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	100290	01/15/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	100282	01/15/25 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			100444	01/15/25 18:52	SM	EET MID

Lab Chronicle

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Client Sample ID: CS-04 (1.0)

Lab Sample ID: 880-53216-4
Matrix: Solid
Date Collected: 01/14/25 16:11
Date Received: 01/15/25 08:00

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			100574	01/17/25 03:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	100306	01/15/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100403	01/17/25 03:38	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	100419	01/16/25 09:53	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100434	01/16/25 18:51	CH	EET MID

Client Sample ID: CS-05 (1.0)

Lab Sample ID: 880-53216-5
Matrix: Solid
Date Collected: 01/14/25 16:19
Date Received: 01/15/25 08:00

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	100290	01/15/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	100282	01/15/25 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			100444	01/15/25 19:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			100574	01/17/25 03:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	100306	01/15/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100403	01/17/25 03:54	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	100445	01/16/25 11:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100453	01/16/25 15:42	CH	EET MID

Client Sample ID: CS-06 (1.0)

Lab Sample ID: 880-53216-6
Matrix: Solid
Date Collected: 01/14/25 16:28
Date Received: 01/15/25 08:00

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	100290	01/15/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	100282	01/15/25 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			100444	01/15/25 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			100574	01/17/25 04:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	100306	01/15/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	100403	01/17/25 04:10	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	100445	01/16/25 11:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	100453	01/16/25 15:59	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

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	06-30-25

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: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

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: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-53216-1
SDG: Robin LACT Unit

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53216-1	CS-01 (0.0)	Solid	01/14/25 15:37	01/15/25 08:00
880-53216-2	CS-02 (0.0)	Solid	01/14/25 15:48	01/15/25 08:00
880-53216-3	CS-03 (1.0)	Solid	01/14/25 15:58	01/15/25 08:00
880-53216-4	CS-04 (1.0)	Solid	01/14/25 16:11	01/15/25 08:00
880-53216-5	CS-05 (1.0)	Solid	01/14/25 16:19	01/15/25 08:00
880-53216-6	CS-06 (1.0)	Solid	01/14/25 16:28	01/15/25 08:00

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

880-53216 Chain of Custody

Client Information
Client Contact: Mr. Randy Gonzalez
Company: SQ Environmental, LLC
Address: PO BOX 1991
City: Austin
State, Zip: TX, 78767
Phone: 512-541-6028
Email: r.gonzalez@sqenv.com
Project Name: Robin LACT
Site: ROBIN LACT UNIT

Sampler: RANDY GONZALEZ
Phone: 512-541-6028
Lab PM: Kramer, Jessica
E-Mail: Jessica.Kramer@et.eurofinsus.com
Carrier Tracking No(s): HAND-DELIVERY
State of Origin: NEW MEXICO
PWSID:
Due Date Requested:
TAT Requested (days): 5-DAYS STANDARD
Compliance Project: Δ Yes Δ No
PO #: 1112.012.001
WO #:
Project #: 88002160
SSOW#:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD	300_ORGFM_28D, 8015MOD_NM, 8021B	Total Number of Containers	Special Instructions/Note:
Preservation Code:							N		
CS-01 (0.0)	1/14/2025	15:37	C	Solid	N	N			
CS-02 (0.0)	1/14/2025	15:48	C	Solid	N	N			
CS-03 (1.0)	1/14/2025	15:58	C	Solid	N	N			
CS-04 (1.0)	1/14/2025	16:11	C	Solid	N	N			
CS-05 (1.0)	1/14/2025	16:19	C	Solid	N	N			
CS-06 (1.0)	1/14/2025	16:26	C	Solid	N	N			
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					

Other:

name: RANDY GONZALEZ
signature: [signature]
company: SQ ENVIRONMENTAL
date & time: 1/14/2025 @ 22:08

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: HAND-DELIVERY

	Date/Time	Company		Date/Time	Company
Relinquished by: RANDY GONZALEZ	1/14/2025 @ 22:08	SQ Environmental	Received by:	1/15	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3/2.2 -1

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: SQ Environmental, LLC

Job Number: 880-53216-1
SDG Number: Robin LACT Unit

Login Number: 53216
List Number: 1
Creator: Vasquez, Julisa

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 A

Laboratory Data Package Cover Page - Page 1 of 4

This data package is for Job No. 880-53216-1 and consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- ☑ R1- Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified coumpounds (TICs).
- ☑ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☐ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
- ☑ R10 - Other problems or anomalies.
- ☐ Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program .

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: ☐ This laboratory meets an exception under 30 TAC §25.6 and was last inspected by ☐ TCEQ or ☐ _____ on __/__/__. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name (Printed)	Signature	Official Title (Printed)	Date

Laboratory Data Package Cover Page - Page 2 of 4

Laboratory Name: Eurofins Midland	LRC Date: 01/17/2025
Project Name: Robin LACT	Laboratory Job Number: 880-53216-1
Reviewer Name:	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample detection limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			✓		
		If required for the project, are TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?		✓			1
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process , including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure , including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		✓			2
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			3
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?		✓			4
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	✓				

Laboratory Data Package Cover Page - Page 3 of 4

Laboratory Name: Eurofins Midland	LRC Date: 01/17/2025
Project Name: Robin LACT	Laboratory Job Number: 880-53216-1
Reviewer Name:	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	✓				
		Were percent RSDs or correlation coefficient criteria met?	✓				
		Was the number of standards recommended in the method used for all analytes?	✓				
		Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
		Are ICAL data available for all instruments used?	✓				
		Has the initial calibration curve been verified using an appropriate second source standard?	✓				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	✓				
		Were percent differences for each analyte within the method-required QC limits?		✓			5
		Was the ICAL curve verified for each analyte?	✓				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	✓				
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?			✓		
		Were ion abundance data within the method-required QC limits?			✓		
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?			✓		
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
		Were data associated with manual integrations flagged on the raw data?	✓				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?	✓				
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?			✓		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	✓				
		Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	✓				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	✓				
		Is documentation of the analyst's competency up-to-date and on file?	✓				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP -required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period;
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Cover Page - Page 4 of 4

Laboratory Name: Eurofins Midland	LRC Date: 01/17/2025
Project Name: Robin LACT	Laboratory Job Number: 880-53216-1
Reviewer Name:	

ER#[1]	Description
1	Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-100306 and analytical batch 880-100403 was outside the upper control limits. Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-01 (0.0) (880-53216-1), CS-03 (1.0) (880-53216-3), CS-04 (1.0) (880-53216-4) and CS-06 (1.0) (880-53216-6). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed. Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-02 (0.0) (880-53216-2), CS-03 (1.0) (880-53216-3) and CS-06 (1.0) (880-53216-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-04 (1.0) (880-53216-4) and CS-05 (1.0) (880-53216-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-01 (0.0) (880-53216-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. Method 8015B NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-100306/2-A). Percent recoveries are based on the amount spiked.
2	Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-100306 and analytical batch 880-100403 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.
3	Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100419 and analytical batch 880-100434 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-100310 and analytical batch 880-100509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.
4	Method 8021B: The following samples were diluted due to the nature of the sample matrix: CS-05 (1.0) (880-53216-5) and CS-06 (1.0) (880-53216-6). Elevated reporting limits (RLs) are provided.
5	Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-100403 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported.

1. ER# = Exception Report identification number (an Exception Report should be completed for an item if “NR” or “No” is checked).

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

PBELAB

Analytical Report

Prepared for:

Randy Gonzalez
SQ Environmental, LLC
PO Box 1991
Austin, TX 78767-1991

Project: Robin LACT Confirmation
Project Number: 1112.012.001
Location: New Mexico

Lab Order Number: 5A23009

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 01/23/25

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-03 (4.0)	5A23009-01	Soil	01/22/25 16:10	01-23-2025 08:50
CS-04 (4.0)	5A23009-02	Soil	01/22/25 16:00	01-23-2025 08:50
CS-06 (1.25)	5A23009-03	Soil	01/22/25 15:21	01-23-2025 08:50

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

CS-03 (4.0)

5A23009-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	**0.00165**	0.00106	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:13	EPA 8021B	
Toluene	**0.0203**	0.00106	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:13	EPA 8021B	
Ethylbenzene	**0.0165**	0.00106	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:13	EPA 8021B	
Xylene (p/m)	**0.0907**	0.00213	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:13	EPA 8021B	
Xylene (o)	**0.0262**	0.00106	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*119 %*	*80-120*		*P5A2308*	*01/23/25 09:38*	*01/23/25 12:13*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*82.9 %*	*80-120*		*P5A2308*	*01/23/25 09:38*	*01/23/25 12:13*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 11:58	EPA 8015M	
Diesel Range Organics	**105**	26.6	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 11:58	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 11:58	EPA 8015M	
Surrogate: 1-Chlorooctane		*85.2 %*	*70-130*		*P5A2307*	*01/23/25 11:55*	*01/23/25 11:58*	*EPA 8015M*	
Surrogate: o-Terphenyl		*91.8 %*	*70-130*		*P5A2307*	*01/23/25 11:55*	*01/23/25 11:58*	*EPA 8015M*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**24.3**	1.06	mg/kg dry	1	P5A2309	01/23/25 09:39	01/23/25 11:19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5A2313	01/23/25 14:01	01/23/25 14:01	ASTM D2216	

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

CS-04 (4.0)

5A23009-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00115**	0.00108	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:35	EPA 8021B	
Toluene	**0.00225**	0.00108	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:35	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:35	EPA 8021B	
Xylene (p/m)	**0.00313**	0.00215	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:35	EPA 8021B	
Xylene (o)	**0.00162**	0.00108	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*86.0 %*	*80-120*		*P5A2308*	*01/23/25 09:38*	*01/23/25 12:35*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*120 %*	*80-120*		*P5A2308*	*01/23/25 09:38*	*01/23/25 12:35*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.9	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 12:21	EPA 8015M	
Diesel Range Organics	ND	26.9	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 12:21	EPA 8015M	
Mineral Oil Range Organics	ND	26.9	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 12:21	EPA 8015M	
Surrogate: 1-Chlorooctane		*86.6 %*	*70-130*		*P5A2307*	*01/23/25 11:55*	*01/23/25 12:21*	*EPA 8015M*	
Surrogate: o-Terphenyl		*93.7 %*	*70-130*		*P5A2307*	*01/23/25 11:55*	*01/23/25 12:21*	*EPA 8015M*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.08	mg/kg dry	1	P5A2309	01/23/25 09:39	01/23/25 11:36	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P5A2313	01/23/25 14:01	01/23/25 14:01	ASTM D2216	

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

CS-06 (1.25)

5A23009-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:57	EPA 8021B	
Toluene	**0.00133**	0.00103	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:57	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:57	EPA 8021B	
Xylene (p/m)	**0.00336**	0.00206	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:57	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P5A2308	01/23/25 09:38	01/23/25 12:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*114 %*	*80-120*		*P5A2308*	*01/23/25 09:38*	*01/23/25 12:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.1 %*	*80-120*		*P5A2308*	*01/23/25 09:38*	*01/23/25 12:57*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.8	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 12:43	EPA 8015M	
Diesel Range Organics	**47.4**	25.8	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 12:43	EPA 8015M	
Mineral Oil Range Organics	ND	25.8	mg/kg dry	1	P5A2307	01/23/25 11:55	01/23/25 12:43	EPA 8015M	
Surrogate: 1-Chlorooctane		*91.9 %*	*70-130*		*P5A2307*	*01/23/25 11:55*	*01/23/25 12:43*	*EPA 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P5A2307*	*01/23/25 11:55*	*01/23/25 12:43*	*EPA 8015M*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.4**	1.03	mg/kg dry	1	P5A2309	01/23/25 09:39	01/23/25 12:11	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P5A2313	01/23/25 14:01	01/23/25 14:01	ASTM D2216	

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2308 - * DEFAULT PREP *** **										
Blank (P5A2308-BLK1)				Prepared & Analyzed: 01/23/25						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*85.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
LCS (P5A2308-BS1)				Prepared & Analyzed: 01/23/25						
Benzene	0.0896	0.00100	mg/kg	0.100		89.6	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.120*		*107*	*80-120*			
LCS Dup (P5A2308-BSD1)				Prepared & Analyzed: 01/23/25						
Benzene	0.0974	0.00100	mg/kg	0.100		97.4	80-120	8.27	20	
Toluene	0.110	0.00100	"	0.100		110	80-120	7.73	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	3.02	20	
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120	0.702	20	
Xylene (o)	0.120	0.00100	"	0.100		120	80-120	4.16	20	
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.9*	*80-120*			
Calibration Blank (P5A2308-CCB1)				Prepared & Analyzed: 01/23/25						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.134*		*"*	*0.120*		*112*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*85.1*	*80-120*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2308 - * DEFAULT PREP *** **										
Calibration Check (P5A2308-CCV1)				Prepared & Analyzed: 01/23/25						
Benzene	0.104	0.00100	mg/kg	0.100		104	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.6*	*75-125*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2307 - TX 1005										
Blank (P5A2307-BLK1)				Prepared & Analyzed: 01/23/25						
Gasoline Range Organics	ND	25.0	mg/kg							
Diesel Range Organics	ND	25.0	"							
Mineral Oil Range Organics	ND	25.0	"							
Surrogate: 1-Chlorooctane	*85.9*		*"*	*100*		*85.9*	*70-130*			
Surrogate: o-Terphenyl	*46.8*		*"*	*50.0*		*93.7*	*70-130*			
LCS (P5A2307-BS1)				Prepared & Analyzed: 01/23/25						
Gasoline Range Organics	813	25.0	mg/kg				75-125			
Diesel Range Organics	964	25.0	"	1000		96.4	75-125			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*47.5*		*"*	*50.0*		*95.0*	*70-130*			
LCS Dup (P5A2307-BSD1)				Prepared & Analyzed: 01/23/25						
Gasoline Range Organics	868	25.0	mg/kg				75-125		20	
Diesel Range Organics	1020	25.0	"	1000		102	75-125	5.57	20	
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*49.4*		*"*	*50.0*		*98.8*	*70-130*			
Calibration Check (P5A2307-CCV1)				Prepared & Analyzed: 01/23/25						
Gasoline Range Organics	429	25.0	mg/kg	500		85.9	85-115			
Diesel Range Organics	484	25.0	"	500		96.9	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*96.8*		*"*	*100*		*96.8*	*70-130*			
Surrogate: o-Terphenyl	*45.7*		*"*	*50.0*		*91.4*	*70-130*			
Calibration Check (P5A2307-CCV2)				Prepared & Analyzed: 01/23/25						
Gasoline Range Organics	446	25.0	mg/kg	500		89.1	85-115			
Diesel Range Organics	503	25.0	"	500		101	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*101*		*"*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*47.2*		*"*	*50.0*		*94.4*	*70-130*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2307 - TX 1005										
Duplicate (P5A2307-DUP1)	**Source: 5A23009-03**		Prepared & Analyzed: 01/23/25							
Gasoline Range Organics	11.1	25.8	mg/kg dry		15.3			32.0	20	
Diesel Range Organics	59.3	25.8	"		47.4			22.3	20	
Mineral Oil Range Organics	ND	25.8	"		ND				200	
Surrogate: 1-Chlorooctane	*99.0*		*"*	*103*		*96.0*	*70-130*			
Surrogate: o-Terphenyl	*54.3*		*"*	*51.5*		*105*	*70-130*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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 P5A2309 - * DEFAULT PREP *** **										
Blank (P5A2309-BLK1)				Prepared & Analyzed: 01/23/25						
Chloride	ND	1.00	mg/kg							
LCS (P5A2309-BS1)				Prepared & Analyzed: 01/23/25						
Chloride	21.2		mg/kg	20.0		106	90-110			
LCS Dup (P5A2309-BSD1)				Prepared & Analyzed: 01/23/25						
Chloride	21.1		mg/kg	20.0		106	90-110	0.0662	10	
Calibration Check (P5A2309-CCV1)				Prepared & Analyzed: 01/23/25						
Chloride	21.0		mg/kg	20.0		105	90-110			
Batch P5A2313 - * DEFAULT PREP *** **										
Blank (P5A2313-BLK1)				Prepared & Analyzed: 01/23/25						
% Moisture	ND	0.1	%							
Duplicate (P5A2313-DUP1)	**Source: 5A23009-03**			Prepared & Analyzed: 01/23/25						
% Moisture	3.0	0.1	%		3.0			0.00	20	

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

Notes and Definitions

BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
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: 1/23/2025

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST L: CH: W:

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Randy Gonzalez
Company Name: SQ Environmental, LLC
Company Address: PO Box 1991
City/State/Zip: Austin, Texas 78767-1991
Telephone No: 512-541-6028 **Fax No:** N/A
Sampler Signature: **e-mail:** R.Gonzalez@sqenv.com

Project Name: Robin LACT Confirmation
Project #: 1112.012.001
Project Loc: New Mexico
PO #: 1112.012.001
Report Format: ■ Standard ☐ TRRP ☐ NPDES

(lab use only) **ORDER #:** 5A23009

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH (GRO/DRO/MRO) - 8015	Chloride - 300.0	BTEX - 8021B	RUSH TAT (Pre-Schedule) 24, 48, 72 hr	Standard TAT
1	CS-03 (4.0)	4.0	4.0	1/22/2025	16:10	N	1	X								S			X	X	X	24	
2	CS-04 (4.0)	4.0	4.0	1/22/2025	16:00	N	1	X								S			X	X	X	24	
3	CS-06 (1.25)	1.25	1.25	1/22/2025	15:21	N	1	X								S			X	X	X	24	

Special Instructions: Need sample results on an ASAP basis

		Date	Time		Date	Time
Relinquished by:		1/23/25	8:50	Received by:		
Relinquished by:				Received by:		
Relinquished by:				Received by PBEL:	1/23/25	8:50

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 4.1 °C Thermometer: NCF
Adjusted: °C Factor: 1.3

PBEL_COC_2024_1 Revision #: 2024_1 Effective Date: 12-04-24

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

PBELAB

Analytical Report

Prepared for:

Randy Gonzalez
SQ Environmental, LLC
PO Box 1991
Austin, TX 78767-1991

Project: Robin LACT Confirmation
Project Number: 1112.012.001
Location: New Mexico

Lab Order Number: 5A24003

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 01/24/25

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-01 (1.5)	5A24003-01	Soil	01/23/25 16:00	01-24-2025 11:51
CS-02 (1.5)	5A24003-02	Soil	01/23/25 15:30	01-24-2025 11:51

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

CS-01 (1.5)

5A24003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00122	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:10	EPA 8021B	
Toluene	**0.00280**	0.00122	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:10	EPA 8021B	
Ethylbenzene	**0.00363**	0.00122	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:10	EPA 8021B	
Xylene (p/m)	**0.0176**	0.00244	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:10	EPA 8021B	
Xylene (o)	**0.00222**	0.00122	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*126 %*	*80-120*		*P5A2404*	*01/24/25 10:37*	*01/24/25 13:10*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*82.8 %*	*80-120*		*P5A2404*	*01/24/25 10:37*	*01/24/25 13:10*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	30.5	mg/kg dry	1	P5A2403	01/24/25 10:22	01/24/25 12:27	EPA 8015M	
Diesel Range Organics	ND	30.5	mg/kg dry	1	P5A2403	01/24/25 10:22	01/24/25 12:27	EPA 8015M	
Mineral Oil Range Organics	ND	30.5	mg/kg dry	1	P5A2403	01/24/25 10:22	01/24/25 12:27	EPA 8015M	
Surrogate: 1-Chlorooctane		*89.9 %*	*70-130*		*P5A2403*	*01/24/25 10:22*	*01/24/25 12:27*	*EPA 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P5A2403*	*01/24/25 10:22*	*01/24/25 12:27*	*EPA 8015M*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.4**	1.22	mg/kg dry	1	P5A2405	01/24/25 12:00	01/24/25 12:45	EPA 300.0	
% Moisture	**18.0**	0.1	%	1	P5A2411	01/24/25 14:59	01/24/25 14:59	ASTM D2216	

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

CS-02 (1.5)

5A24003-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00115	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:32	EPA 8021B	
Toluene	**0.00144**	0.00115	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:32	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:32	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:32	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P5A2404	01/24/25 10:37	01/24/25 13:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*113 %*	*80-120*		*P5A2404*	*01/24/25 10:37*	*01/24/25 13:32*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.4 %*	*80-120*		*P5A2404*	*01/24/25 10:37*	*01/24/25 13:32*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	28.7	mg/kg dry	1	P5A2403	01/24/25 10:22	01/24/25 12:49	EPA 8015M	
Diesel Range Organics	ND	28.7	mg/kg dry	1	P5A2403	01/24/25 10:22	01/24/25 12:49	EPA 8015M	
Mineral Oil Range Organics	ND	28.7	mg/kg dry	1	P5A2403	01/24/25 10:22	01/24/25 12:49	EPA 8015M	
Surrogate: 1-Chlorooctane		*86.1 %*	*70-130*		*P5A2403*	*01/24/25 10:22*	*01/24/25 12:49*	*EPA 8015M*	
Surrogate: o-Terphenyl		*93.7 %*	*70-130*		*P5A2403*	*01/24/25 10:22*	*01/24/25 12:49*	*EPA 8015M*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.5**	1.15	mg/kg dry	1	P5A2405	01/24/25 12:00	01/24/25 13:02	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P5A2411	01/24/25 14:59	01/24/25 14:59	ASTM D2216	

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2404 - * DEFAULT PREP *** **										
Blank (P5A2404-BLK1)				Prepared & Analyzed: 01/24/25						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.131*		"	*0.120*		*109*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.102*		"	*0.120*		*84.9*	*80-120*			
LCS (P5A2404-BS1)				Prepared & Analyzed: 01/24/25						
Benzene	0.0993	0.00100	mg/kg	0.100		99.3	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*92.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.129*		"	*0.120*		*107*	*80-120*			
LCS Dup (P5A2404-BSD1)				Prepared & Analyzed: 01/24/25						
Benzene	0.0989	0.00100	mg/kg	0.100		98.9	80-120	0.414	20	
Toluene	0.111	0.00100	"	0.100		111	80-120	0.859	20	
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120	0.554	20	
Xylene (p/m)	0.231	0.00200	"	0.200		115	80-120	1.35	20	
Xylene (o)	0.118	0.00100	"	0.100		118	80-120	0.763	20	
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		"	*0.120*		*90.6*	*80-120*			
Calibration Blank (P5A2404-CCB1)				Prepared & Analyzed: 01/24/25						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.130		"							
Xylene (p/m)	0.180		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.129*		"	*0.120*		*107*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.101*		"	*0.120*		*83.8*	*80-120*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2404 - * DEFAULT PREP *** **										
Calibration Check (P5A2404-CCV1)				Prepared & Analyzed: 01/24/25						
Benzene	0.111	0.00100	mg/kg	0.100		111	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.133*		*"*	*0.120*		*111*	*75-125*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2403 - TX 1005										
Blank (P5A2403-BLK1)				Prepared & Analyzed: 01/24/25						
Gasoline Range Organics	ND	25.0	mg/kg							
Diesel Range Organics	ND	25.0	"							
Mineral Oil Range Organics	ND	25.0	"							
Surrogate: 1-Chlorooctane	*83.0*		*"*	*100*		*83.0*	*70-130*			
Surrogate: o-Terphenyl	*45.0*		*"*	*50.0*		*89.9*	*70-130*			
LCS (P5A2403-BS1)				Prepared & Analyzed: 01/24/25						
Gasoline Range Organics	821	25.0	mg/kg				75-125			
Diesel Range Organics	964	25.0	"	1000		96.4	75-125			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*43.5*		*"*	*50.0*		*87.1*	*70-130*			
LCS Dup (P5A2403-BSD1)				Prepared & Analyzed: 01/24/25						
Gasoline Range Organics	791	25.0	mg/kg				75-125		20	
Diesel Range Organics	921	25.0	"	1000		92.1	75-125	4.63	20	
Surrogate: 1-Chlorooctane	*101*		*"*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*40.8*		*"*	*50.0*		*81.5*	*70-130*			
Calibration Check (P5A2403-CCV1)				Prepared & Analyzed: 01/24/25						
Gasoline Range Organics	426	25.0	mg/kg	500		85.1	85-115			
Diesel Range Organics	460	25.0	"	500		92.0	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*94.0*		*"*	*100*		*94.0*	*70-130*			
Surrogate: o-Terphenyl	*44.0*		*"*	*50.0*		*88.0*	*70-130*			
Calibration Check (P5A2403-CCV2)				Prepared & Analyzed: 01/24/25						
Gasoline Range Organics	441	25.0	mg/kg	500		88.2	85-115			
Diesel Range Organics	487	25.0	"	500		97.4	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*99.1*		*"*	*100*		*99.1*	*70-130*			
Surrogate: o-Terphenyl	*46.3*		*"*	*50.0*		*92.7*	*70-130*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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
Batch P5A2403 - TX 1005										
Duplicate (P5A2403-DUP1)	**Source: 5A24003-02**		Prepared & Analyzed: 01/24/25							
Gasoline Range Organics	18.1	28.7	mg/kg dry		13.1			31.8	20	R2
Diesel Range Organics	15.9	28.7	"		18.9			17.8	20	
Mineral Oil Range Organics	12.0	28.7	"		ND				200	
Surrogate: 1-Chlorooctane	*98.3*		*"*	*115*		*85.5*	*70-130*			
Surrogate: o-Terphenyl	*53.5*		*"*	*57.5*		*93.1*	*70-130*			

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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 P5A2405 - * DEFAULT PREP *** **										
Blank (P5A2405-BLK1)				Prepared & Analyzed: 01/24/25						
Chloride	ND	1.00	mg/kg							
LCS (P5A2405-BS1)				Prepared & Analyzed: 01/24/25						
Chloride	21.1		mg/kg	20.0		106	90-110			
LCS Dup (P5A2405-BSD1)				Prepared & Analyzed: 01/24/25						
Chloride	21.5		mg/kg	20.0		108	90-110	1.80	10	
Calibration Check (P5A2405-CCV1)				Prepared & Analyzed: 01/24/25						
Chloride	21.5		mg/kg	20.0		107	90-110			
Batch P5A2411 - * DEFAULT PREP *** **										
Blank (P5A2411-BLK1)				Prepared & Analyzed: 01/24/25						
% Moisture	ND	0.1	%							

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

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.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
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: Brent Barron Date: 1/24/2025

Brent Barron, Laboratory Director/Technical Director

SQ Environmental, LLC	Project: Robin LACT Confirmation
PO Box 1991	Project Number: 1112.012.001
Austin TX, 78767-1991	Project Manager: Randy Gonzalez

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Randy Gonzalez
Company Name: SQ Environmental, LLC
Company Address: PO Box 1991
City/State/Zip: Austin, Texas 78767-1991
Telephone No: 512-541-6028 **Fax No:** N/A
Sampler Signature: Rly Hyla **e-mail:** R.Gonzalez@sqenv.com

Project Name: Robin LACT Confirmation
Project #: 1112.012.001
Project Loc: New Mexico
PO #: 1112.012.001
Report Format: ■ Standard ☐ TRRP ☐ NPDES

(lab use only) **ORDER #:** 5A24003

Analyze For: TCLP: / TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW = Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	TPH (GRO/DRO/MRO) - 8015	Chloride - 300.0	BTEX - 8021B	RUSH TAT (Pre-Schedule) 24, 48, 72 hr	Standard TAT
1	CS-01 (1.5)	1.5	1.5	1/23/2025	16:00	N	1	X								S	X	X	X	24	
2	CS-02 (1.5)	1.5	1.5	1/23/2025	15:30	N	1	X								S	X	X	X	24	

Sameday Rush

Special Instructions: Need sample results on an ASAP basis

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: Rly Hyla	1/24/25	11:51	Received by PBEL: Tessa Bledsoe	1/24/25	11:51

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: Received: 2.1 °C Thermometer: NCF 13 Adjusted: °C Factor:

PBEL_COC_2024_1 Revision # 2024_1 Effective Date: 12-04-24 Page 1 of 1

ATTACHMENT D

LEA LAND LLC

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST	No. 212387	Trailer No. MP-M30

GENERATOR

Company Name: Salt Creek Midstream **Phone:** 281-949-8794	**Address:** 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	**Disposal Date:** 01-14-2025 01:31 PM

Name Or Description Of Waste Shipped:

[X] RCRA Exempt [ ] RCRA Non-Exempt

Weight (lbs): 24840 TC

Lease/Job Name: ROBIN LACT FACILITY

Generator's Representative: Hayden Acosta

TRANSPORTER

Name: McNabb Partners

Emergency Contact: Sharron

Emergency Contact Phone: (575) 397-0050

Transporter: Acknowledgment of Delivery of Material

Printed/Typed Name (Impreso/Mecanografico): X Ruben Bustillos

Signature (Firma): X _____ **Date:** 01-14-2025 01:31 PM

DISPOSAL FACILITY

Lea Land, LLC	**Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM**	**(575) 887-4048**
Permit No: NM-1-0035-New Mexico	**Comments:**	

Disposal Facility's Certification:
I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.

Authorized Signature:	Unit No:	Date	Time
M Sanchez	IIB	01-14-2025	01:31 PM

LEA LAND
LLC

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 · 30 MILES EAST OF CARLSBAD, NM · PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 212538	Trailer No. MP-M32
GENERATOR	**Company Name:** Salt Creek Midstream **Phone:** 281-949-8794	**Address:** 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	**Disposal Date:** 01-20-2025 09:05 AM
	Name Or Description Of Waste Shipped: [X] RCRA Exempt [ ] RCRA Non-Exempt		
	Weight (lbs): 21440 , 21680 TC 43120		
	Lease/Job Name: ROBIN LACT FACILITY		
	Generator's Representative: Hayden Acosta		
TRANSPORTER	**Name:** McNabb Partners **Emergency Contact:** Sharron **Emergency Contact Phone:** (575) 397-0050		
	Transporter: Acknowledgment of Delivery of Material **Printed/Typed Name (Impreso/Mecanografico):** X Jose Bustos **Signature (Firma):** X X **Date:** 01-20-2025 09:05 AM		
DISPOSAL FACILITY	Lea Land, LLC	**Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM**	**(575) 887-4048**
	Permit No: NM-1-0035-New Mexico	**Comments:**	
	Disposal Facility's Certification: **I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.**		
	Authorized Signature:	**Unit No:** IIB	**Date** 01-20-2025 / **Time** 09:05 AM

LEA LAND
LLC

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST	No. 212575	Trailer No. MP-M32

GENERATOR

Company Name: Salt Creek Midstream Phone: 281-949-8794	Address: 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	Disposal Date: 01-21-2025 10:05 AM
Name Or Description Of Waste Shipped: [X] RCRA Exempt [ ] RCRA Non-Exempt		
Weight (lbs): 22840, TC		
Lease/Job Name: ROBIN LACT		
Generator's Representative: Hayden Acosta		

TRANSPORTER

Name: McNabb Partners Emergency Contact: Sharron Emergency Contact Phone: (575) 397-0050	
Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): X Joshua Busby Signature (Firma): X	Date: 01-21-2025 10:05 AM

DISPOSAL FACILITY

Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	(575) 887-4048
Permit No: NM-1-0035-New Mexico	Comments:	
Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.		

Authorized Signature:	Unit No: IIB	Date 01-21-2025	Time 10:05 AM

LEA LAND
LLC

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 212614	Trailer No. MP-M32
GENERATOR	Company Name: Salt Creek Midstream Phone: 281-949-8794	Address: 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	Disposal Date: 01-22-2025 01:31 PM
	Name Or Description Of Waste Shipped: [X] RCRA Exempt [ ] RCRA Non-Exempt		
	Weight (lbs): 22560 TC		
	Lease/Job Name: ROBIN LACT		
	Generator's Representative: Hayden Acosta		
TRANSPORTER	Name: McNabb Partners Emergency Contact: Sharron Emergency Contact Phone: (575) 397-0050		
	Transporter: Acknowledgment of Delivery of Material Printed/Typed Name (Impreso/Mecanografico): X Signature (Firma): X Date: 01-22-2025 01:31 PM		
DISPOSAL FACILITY	Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	(575) 887-4048
	Permit No: NM-1-0035-New Mexico	Comments:	
	Disposal Facility's Certification: I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.		
	Authorized Signature:	Unit No: IIB / Date: 01-22-2025 / Time: 01:31 PM	

LEA LAND LLC

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST	No. 212740	Trailer No. MP-M39

GENERATOR

Company Name: Salt Creek Midstream Phone: 281-949-8794	Address: 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	Disposal Date: 01-27-2025 07:30 AM

Name Or Description Of Waste Shipped:

[X] RCRA Exempt [ ] RCRA Non-Exempt

Weight (lbs): 27420 TO

Lease/Job Name: ROBIN LACT Facility

Generator's Representative: Hayden Acosta

TRANSPORTER

Name: McNabb Partners

Emergency Contact: Sharron

Emergency Contact Phone: (575) 397-0050

Transporter: Acknowledgment of Delivery of Material

Printed/Typed Name (Impreso/Mecanografico): X Manuel Lopez

Signature (Firma): X [signature] Date: 01-27-2025 07:30 AM

DISPOSAL FACILITY

Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	(575) 887-4048
Permit No: NM-1-0035-New Mexico	Comments:	

Disposal Facility's Certification:
I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.

Authorized Signature: [signature]	Unit No: IIB	Date 01-27-2025	Time 07:30 AM

LEA LAND

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST		No. 212745	Trailer No. A&J 01
GENERATOR	**Company Name:** Salt Creek Midstream **Phone:** 281-949-8794	**Address:** 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	**Disposal Date:** 01-27-2025 08:39 AM
	Name Or Description Of Waste Shipped: [X] RCRA Exempt [ ] RCRA Non-Exempt		
	Weight (lbs): Gross. 17040 T@ 36700		
	Lease/Job Name: ROBIN LACT		
	Generator's Representative: Hayden Acosta		
TRANSPORTER	**Name:** McNabb Partners **Emergency Contact:** Sharron **Emergency Contact Phone:** (575) 397-0050		
	Transporter: Acknowledgment of Delivery of Material **Printed/Typed Name (Impreso/Mecanografico):** X Roberto Hernandez **Signature (Firma): X** Roberto Hernandez **Date:** 01-27-2025 08:39 AM		
DISPOSAL FACILITY	Lea Land, LLC	**Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM**	**(575) 887-4048**
	Permit No: NM-1-0035-New Mexico	**Comments:**	
	Disposal Facility's Certification: **I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.**		
	Authorized Signature:	**Unit No:** IIB / **Date** 01-27-2025 / **Time** 08:39 AM	

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

LEA LAND

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST	No. 212746	Trailer No. A &J-02

GENERATOR

Company Name: Salt Creek Midstream Phone: 281-949-8794	Address: 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	Disposal Date: 01-27-2025 08:43 AM

Name Or Description Of Waste Shipped:

[X] RCRA Exempt [ ] RCRA Non-Exempt

Weight (lbs): 19260, 19560 TC38820

Lease/Job Name: ROBIN LACT

Generator's Representative: Hayden Acosta

TRANSPORTER

Name: McNabb Partners

Emergency Contact: Sharron

Emergency Contact Phone: (575) 397-0050

Transporter: Acknowledgment of Delivery of Material

Printed/Typed Name (Impreso/Mecanografico): Leonardo C.

Signature (Firma): X [signature] Date: 01-27-2025 08:43 AM

DISPOSAL FACILITY

Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	(575) 887-4048
Permit No: NM-1-0035-New Mexico	Comments:	

Disposal Facility's Certification:
I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.

Authorized Signature: [signature]	Unit No: IIB	Date 01-27-2025	Time 08:43 AM

LEA LAND

LEA LAND, LLC SURFACE WASTE LANDFILL

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

NON-HAZARDOUS WASTE MANIFEST	No. 212747	Trailer No. AGUILAS-07

GENERATOR

Company Name: Salt Creek Midstream Phone: 281-949-8794	Address: 5775 N Sam Houston Parkway W, #600 Houston, TX 77086	Disposal Date: 01-27-2025 08:44 AM

Name Or Description Of Waste Shipped:

[X] RCRA Exempt [ ] RCRA Non-Exempt

Weight (lbs): 18960, 18780 T@37240

Lease/Job Name: ROBIN LACT

Generator's Representative: Hayden Acosta

TRANSPORTER

Name: McNabb Partners

Emergency Contact: Sharron

Emergency Contact Phone: (575) 397-0050

Transporter: Acknowledgment of Delivery of Material

Printed/Typed Name (Impreso/Mecanografico): X Gustavo Trejo III

Signature (Firma): X Gustavo Trejo III Date: 01-27-2025 08:44 AM

DISPOSAL FACILITY

Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East Of Carlsbad, NM	(575) 887-4048
Permit No: NM-1-0035-New Mexico	Comments:	

Disposal Facility's Certification:
I Hereby Certify That The Above-Described Wastes Were Delivered To This Facility.

Authorized Signature:	Unit No: IIB	Date 01-27-2025	Time 08:44 AM

ATTACHMENT E

ATTACHMENT E
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 1. The north side of the LACT, after release and prior to remediation. Yellow pin flags outlining the extent of the release are visible.

Photo 2. The northwest side (CS-06) of the LACT, after release and shortly after excavation commenced. Yellow pin flags and orange spray paint outlining the extent of the release are visible. No wet or discolored areas of soil were observed north of the LACT.

Photo 3. The northeast side (CS-01) of the LACT, after release and prior to remediation. Yellow pin flags and orange spray paint outlining the extent of the release are visible. No wet or discolored areas of soil were observed north of the LACT.

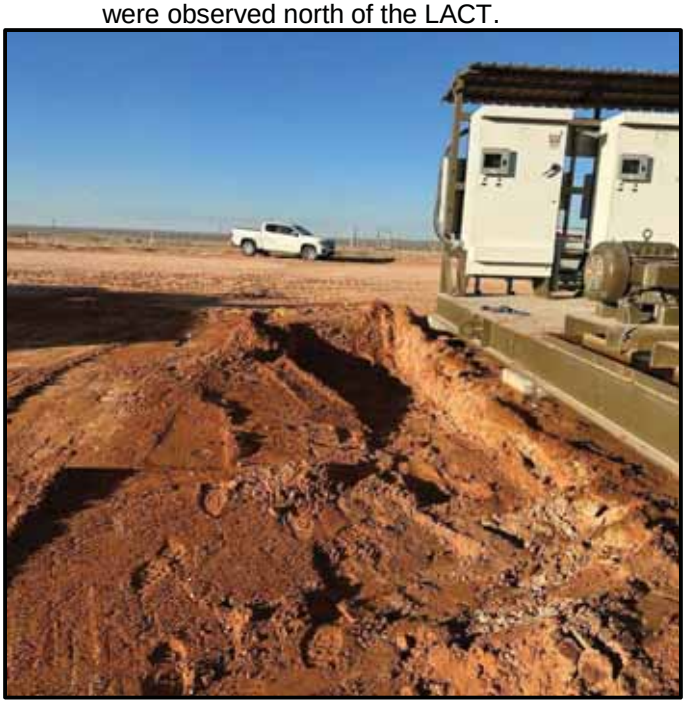


Photo 4. Excavating the extent of CS-06 during initial remediation activities. The excavation by backhoe was limited to a depth of 1.0 ft due to subsurface utilities.

ATTACHMENT E
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 5. Orange spray paint used to demarcate the lateral extents (the perimeter) of impacted soil at the ground surface with an additional 1.0-ft capture zone.

Photo 6. Orange spray paint used to demarcate the lateral extents (the perimeter) of impacted soil at the ground surface with an additional 1.0-ft capture zone.

Photo 7. Orange spray paint used to demarcate the lateral extents (the perimeter) of impacted soil at the ground surface with an additional 1.0-ft capture zone.

Photo 8. Orange spray paint used to demarcate the lateral extents (the perimeter) of impacted soil at the ground surface with an additional 1.0-ft capture zone.

ATTACHMENT E
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 9. Collecting confirmation samples at the extent of CS-01 during initial remediation activities. No excavation was initially done at CS-01 due to the backhoe not being able to access the area.

Photo 10. Excavation to a depth of 1.25 ft by hand and hydrovac methods at CS-06 until PID readings for the remaining soil indicated no or only minimal organic vapors were present.

Photo 11. Excavation to a depth of 1.5 ft by hand and hydrovac methods at CS-01 until PID readings for the remaining soil indicated no or only minimal organic vapors were present.

Photo 12. CS-06 following backfilling activities.

ATTACHMENT E
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 13. CS-01 following backfilling activities.

ATTACHMENT 2

SALT CREEK MIDSTREAM

Susan Worthen
EHS Manager
O: (281) 949-8794| C: (832) 975-9197 | Susan.Worthen@scmid.com
5775 N. Sam Houston Pkwy W., Suite 600, Houston, TX 77086

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, July 14, 2025 5:17 PM
To: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 482088

To whom it may concern (c/o Susan Worthen for SCM Operations, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2434552379,
for the following reasons:

- **Remediation closure denied for the following reasons:**
- **1) Referring to Figure 2, the sub-areas of CS-03 and CS-04 did not have enough confirmation samples collected to confirm the impacts of the release have been remediated pursuant to 19.15.29.12 NMAC. Though the surface area of each sub-unit may be 200 ft2 or less, when the depth of the excavation is deeper, that should also be taken into account. Normally, the number of base samples is determined from the dimensions of the surface area of the release. Sidewall samples are then taken from around the perimeter of the excavation. Should you have a 20' by 10' excavation that is 4' in depth you would collect one five point composite base sample.To find the number of sidewall samples you would multiply the perimeter by 4' depth. 60ft*4ft=240 ft2. According to 19.15.29.12.D NMAC, a confirmation sample is not to be representative of more than 200 ft2, so rounding up, you would collect two confirmation sidewall samples around the perimeter of the excavation.**
- **2) Referring to the 4/7/25 rejected closure report, Photo 11 showed area of CS-02 as much deeper than a 1.5' excavation. Explain.**
- **3) Photos of the deeper excavation areas, CS-03 and CS-04 which were included with the previously rejected report have been removed from this update. Per 19.15.29.12.E NMAC, include all photos of the remediated site prior to backfill.**
- **Submit updated report to OCD by 9/12/25.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 482088.
Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Environmental Specialist-A
505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Susan Litherland

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov> on behalf of Wells, Shelly, EMNRD
Sent: Wednesday, September 3, 2025 9:53 AM
To: Litherland, Susan
Cc: Worthen, Susan
Subject: RE: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Hi Susan,

This sounds like an acceptable placement for the missing samples. And yes, if you provide the explanations to the other reasons for rejection within the report, this should address all the reasons of rejection.

Kind regards,

Shelly

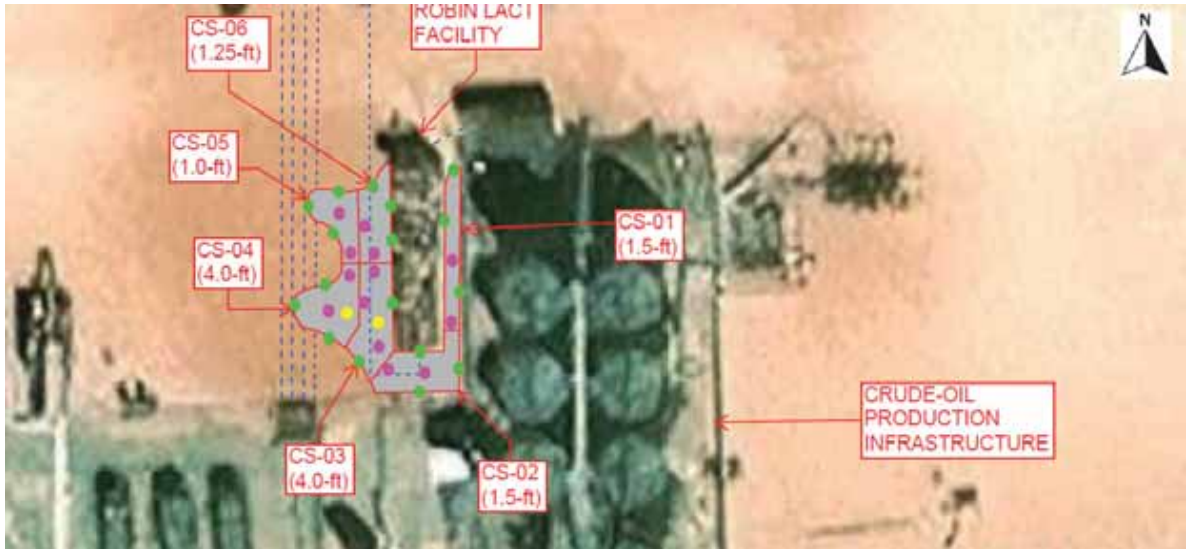
Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Susan Litherland <s.litherland@sqenv.com>
Sent: Friday, August 29, 2025 5:52 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: RE: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Shelly,

In response to your request, we are proposing to collect two grab samples at the bottom of the excavation for areas CS-03 and CS-04 (at a depth of approximately 4 ft below the surface). The approximate locations are shown on the figure below (yellow dots). These will be run for TPH (Method 8015 NM), BTEX (EPA Method 8021B) and Chloride (EPA Method 300,0). We will then prepare a revised Remediation Closure Report, providing these results and the information in the previous e-mail to address Comments 2 and 3. Let us know if this is acceptable. Thanks.

Susan



Susan T. Litherland, PE
SQ Environmental, LLC
S.Litherland@SQEnv.com
www.SQEnv.com
512-656-9445

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, August 22, 2025 12:08 PM
To: Litherland, Susan <s.litherland@sqenv.com>
Cc: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: RE: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Hi Susan,

In order to remedy this, more confirmation samples are required to be collected as the size of CS-03 and CS-04 were greater than 200 ft2. If you can come up with a sampling plan to collect a few more samples with a hand auger to confirm contaminants were removed to the site's Table I Closure Criteria that would be great and submit a plan to me via email and I will review when I have the time. This will address part 1 below. All of the answers included below should be included in the resubmitted remediation closure report to address OCD's reasons for rejection.

I hope this helps,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

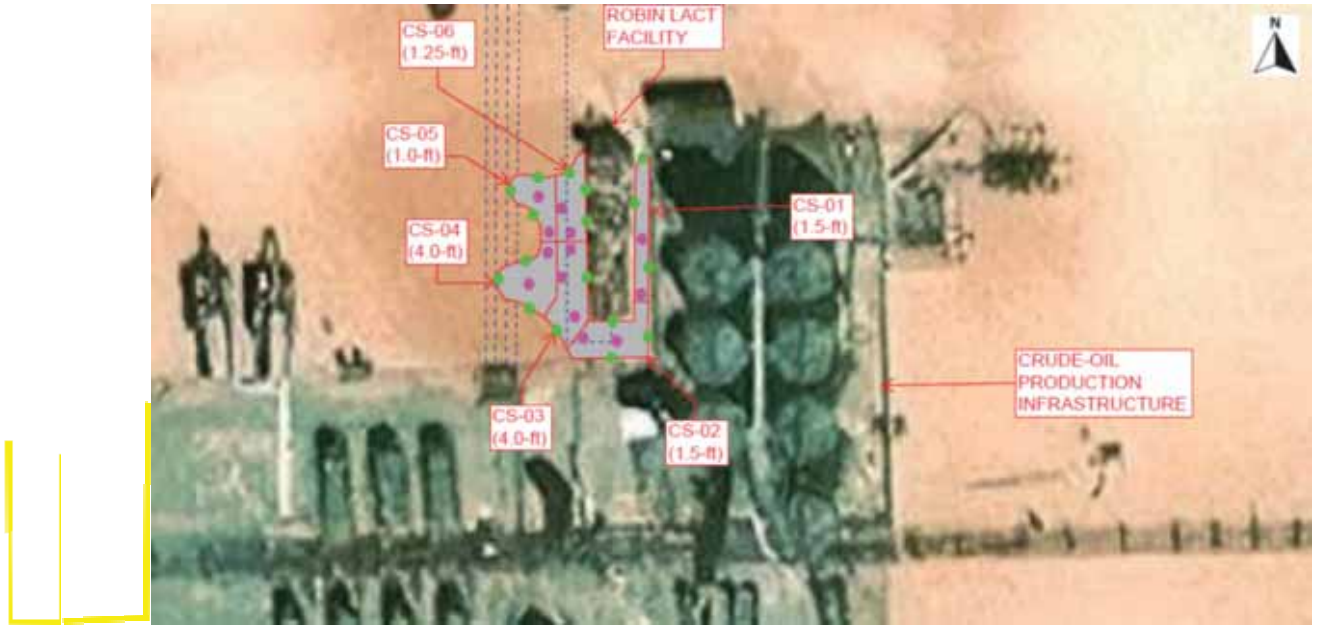
From: Susan Litherland <s.litherland@sqenv.com>
Sent: Wednesday, August 20, 2025 9:51 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Shelly,
Thanks for your input regarding the recently submitted remediation closure report. With this e-mail we are providing additional information and would like to have a call with you once you have had a chance to review this information so that we can determine exactly what is needed to close out this incident. As a quick reminder, there was a release of crude oil on 2 December 2024 due to a pump failure. The estimated release volume was 16.8 bbls and 4 bbls were recovered immediately after the release. This was identified as a "minor release." As presented in previous documents, the depth to groundwater in this area is in excess of 100 ft below the surface and no critical receptors have been identified in the area. Based on the light soil and dark crude, the affected soil was visibly apparent. Initial excavations were performed on 14 January 2024. During this initial event, all of the impacted soil that could be excavated with a backhoe was removed. Due to accessibility issues (caused by the presence of underground pipes and above-ground equipment), additional excavation activities were performed during the week of 20 January 2025, using manual (hand) excavation and hydro-excavation techniques. For both excavation events, field screening with a Photoionization Detector (PID) was used, in addition to the visual indications of impact, to provide field feedback and assist in directing excavation activities. Excavation was conducted in each area until the PID readings were reduced and there apparently impacted soil was removed. The excavated soils were taken to the Lea Land Surface Waste Landfill for disposal. A total of 12 truck loads (126.9 tons) of impacted soil were taken off-site for disposal.

A revised closure report was submitted on 7-5-2025. The reasons provided for rejection are listed below with additional information regarding each item:

1. **Referring to Figure 2, the sub-areas of CS-03 and CS-04 did not have enough confirmation samples collected to confirm the impacts of the release have been remediated pursuant to 19.15.29.12 NMAC. Though the surface area of each sub-unit may be 200 ft2 or less, when the depth of the excavation is deeper, that should also be taken into account. Normally, the number of base samples is determined from the dimensions of the surface area of the release. Sidewall samples are then taken from around the perimeter of the excavation. Should you have a 20' by 10' excavation that is 4' in depth you would collect one five point composite base sample. To find the number of sidewall samples you would multiply the perimeter by 4' depth. 60ft*4ft=240 ft2. According to 19.15.29.12.D NMAC, a confirmation sample is not to be representative of more than 200 ft2, so rounding up, you would collect two confirmation sidewall samples around the perimeter of the excavation.**

   The figure below shows the excavation areas and sample location aliquots. Pink dots are from the bottom of the excavation and green dots are from the side walls.



A total of 6, 5-point composite samples were collected from the excavation area. Based on the bottom area of the excavation (approximately 880 ft^2) and exterior wall areas of approximately 260 ft^2, the total area (bottom and side walls) was approximately 1,140 ft^2. With 6 confirmation samples, the average area represented by each composite sample was 190 ft^2.

It should be noted that the depths listed are the maximum depth in each area, and the average depth (and sidewalls) are less than this maximum depth, since the deepest impacts were in the center of the areas. Also, there were no true "internal" side walls as the excavation sloped from one area to the next. An example cross section from west to east at the south end of the excavation area is illustrated on the figure below:

In addition, the excavation areas were next to concrete foundations, and although the excavation did not scrap against the foundations, the remaining soil was typically no more than a foot thick to avoid damage to the foundations. These areas are shown in yellow on the excavation figure above.

For the two areas in question, we have calculated the bottom and exterior side wall areas. For area CS-03, the bottom area is 171.2 ft^2, and the exterior sidewalls are 35 ft^2 for a total area of 206.2 ft^2. Similarly for CS-04, the bottom area is 167.8 ft2, and the exterior sidewall area is 127.7 ft^2, for a total area of 295 ft^2. As shown on the excavation map, three bottom aliquots and two sidewall aliquots were collected and composited for CS-03, and two bottom aliquots and three side wall aliquots were collected for CS-04. The results for TPH were 105 mg/kg for CS-03 and non-detect (<26.9 mg/kg) for CS-04. Due to the low reported concentrations, we calculated the maximum concentration of any of the five sample points by taking the composite result and multiplying by 5. This approach assumes that all of the reported TPH is present in only one of the aliquots. For CS-03 the result was 525 mg/kg and for CS-04 the result was 124.5 mg/kg. Based on this approach, along with the field observations and PID

readings, we intended to show that the areas met the requirements for closure. The bottom and side wall calculations for the two areas are shown below.

Area	Bottom Area (ft^2)	Exterior Perimeter (ft)	Maximum Excavation Depth (ft)	Exterior Side Wall Area (ft^2)	Total Area (ft^2)	5-Pt TPH Composite Conc. (mg/kg)	Max TPH for Any One Aliquot (mg/kg)
CS-03	171.2	8.8	4	35.1	206.4	105	525
CS-04	167.8	31.9	4	127.7	295.5	<26.9	134.5

2. **Referring to the 4/7/25 rejected closure report, Photo 11 showed area of CS-02 as much deeper than a 1.5' excavation. Explain.**
Photo 11 is a little misleading. For convenience, a copy of Photo 11 is shown below on the left (view towards the west). This photograph was taken in the area where a pipe was present. A "pre-remediation" photo is provided below on the right (view towards the east) which shows the same pipe.

Due to pipes and other obstructions, all of CS-02 require manual excavation and use of hydro-excavation techniques. The portion of CS-02 that is shown in Photo 11 of the photolog is a very small portion of CS-02, where the excavation was a bit deeper around the pipe, this area may also have been used as a "sump" to allow efficient vacuuming of the soil slurry during hydro-excavation. The photo below shows the CS-02 area that was manually excavated (view looking south from CS-01). In this photo, the pipe is towards the right, behind the equipment. This area is also shown in Photo 10 of the photo log.

The overall excavation depth for this area was 1.5 ft although around the pipe, the excavation was a bit deeper.

3. **Photos of the deeper excavation areas, CS-03 and CS-04 which were included with the previously rejected report have been removed from this update. Per 19.15.29.12.E NMAC, include all photos of the remediated site prior to backfill.**
   The wrong photographic log was inadvertently included in the previous report. A photograph log with all of the photos will be included in the updated report which will be submitted by 9/12/2025.

Please let us know when you might have time for a call to talk through this information. Many thanks!

Susan

Susan T. Litherland, PE
SQ Environmental, LLC
S.Litherland@SQEnv.com
www.SQEnv.com
512-656-9445

ATTACHMENT 3

ATTACHMENT 3
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 1. The visual extent of surface impacts outlined with orange spray paint at sub-areas CS-03 and CS-04; prior to remediation activities.

Photo 2. The visual extent of surface impacts outlined with orange spray paint at sub-areas CS-04 and CS-05; prior to remediation activities.

Photo 3. The visual extent of surface impacts outlined with orange spray paint at sub-areas CS-05 and CS-06; prior to remediation activities.

Photo 4. The visually impacted soil surface at sub-areas CS-01 and CS-02 prior to remediation activities.

ATTACHMENT 3
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 5. Hydro-excavation activities being performed at sub-areas CS-03 and CS-04.

Photo 6. Hand-digging activities being performed at sub-area CS-06.

Photo 7. The temporary waste staging area where waste soil was deposited as remediation activities were being performed.

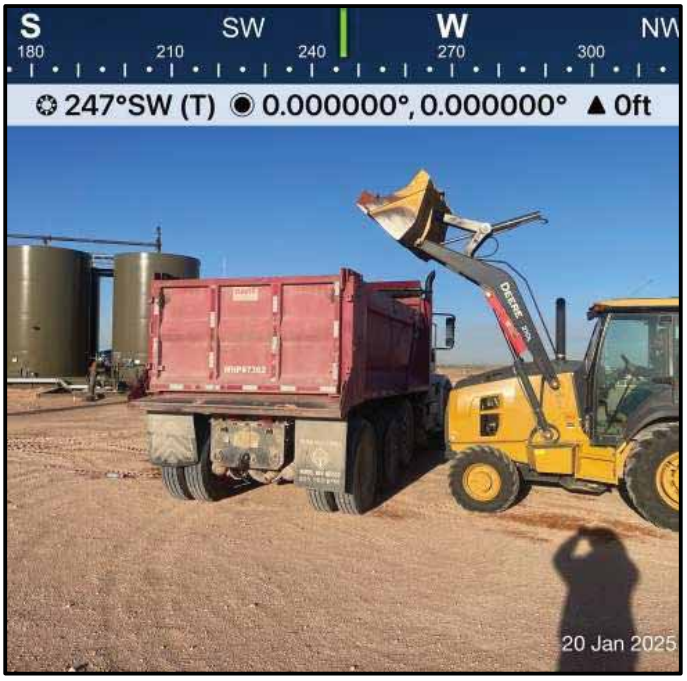


Photo 8. Waste soil was routinely loaded into dump trucks and hauled offsite for disposal at Lea Land, LLC as remediation activities were being performed..

ATTACHMENT 3
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

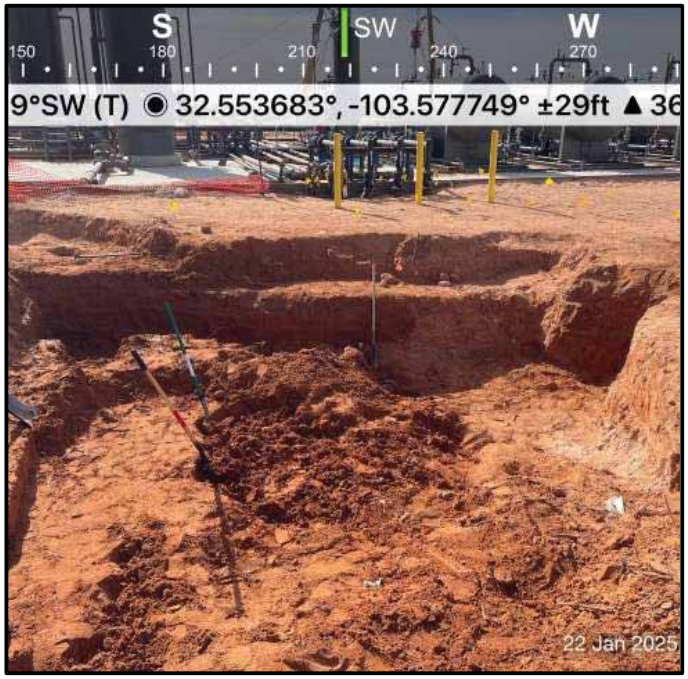


Photo 9. View of sub-areas CS-03 and CS-04 after remediation activities were performed and prior to backfilling (restoration) activities.

Photo 10. View of sub-areas CS-01 and CS-02 after remediation activities were performed and prior to backfilling (restoration) activities.

Photo 11. View of sub-area CS-02 after remediation activities were performed and prior to backfilling (restoration) activities.

Photo 12. View of sub-area CS-03 after remediation activities were performed and prior to backfilling (restoration) activities.

ATTACHMENT 3
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 11a. This photograph is being submitted in response to Comment 2 of the 14 July 2025 OCD email. View looking east of sub-area CS-02 prior to remediation activities were performed. The pipe on the left side of the photograph is the same pipe shown on Photograph 11.

Photo 11b. This photograph is being submitted in response to Comment 2 of the 14 July 2025 OCD email. View looking south from CS-01 of the CS-02 area that was manually excavated.. The pipe in photograph 11 is towards the right of this photograph, behind the equipment.

ATTACHMENT 3
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 13. Backfilling the excavation in the general sub-areas of CS-03, CS-04, CS-05, and CS-06.

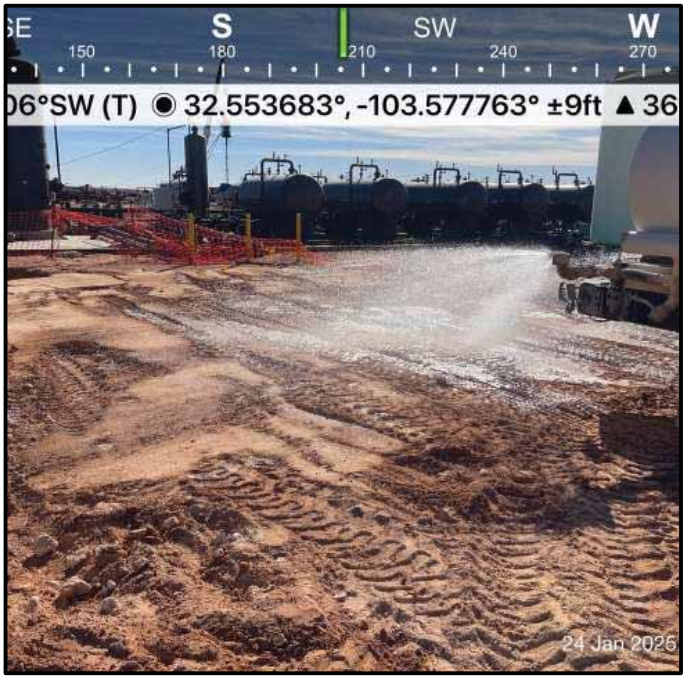


Photo 14. After 1-ft lift of caliche material was added to the excavation, water was applied to the backfilled area, then compacted.

Photo 15. View of sub-area CS-01 at the conclusion of backfilling, watering, and compaction activities.

Photo 16. View of sub-area CS-02 at the conclusion of backfilling, watering, and compaction activities.

ATTACHMENT 3
PHOTOGRAPHIC LOG

Photographs were taken by Randy Gonzalez and Boone Bradbury of SQE during remediation and restoration activities performed in January 2025.

Photo 17. Using heavy equipment to perform surface grading as part of restoration activities..

.

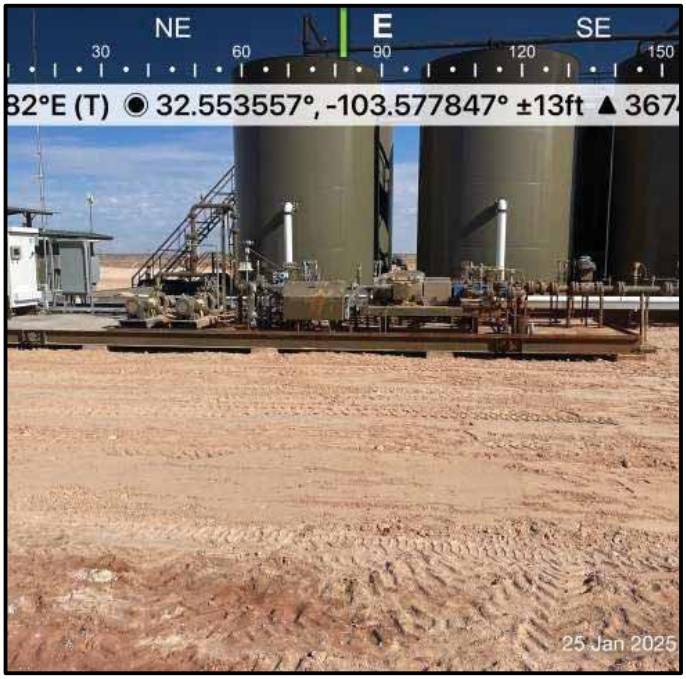


Photo 18. View of the former release area after completing restoration activities, including surface grading activities to mitigate the potential for stormwater ponding or soil erosion.

Photo 19. View of the former release area after completing restoration activities, including surface grading activities to mitigate the potential for stormwater ponding or soil erosion.

ATTACHMENT 3
PHOTOGRAPHIC LOG

Photographs were taken on 12 November 2025 by Clint Weaver with SQE.

Photo 20. View of the CS-03-CB sample location area. The sample location is located at the red marker flag. This sample was collected in response to Comment 1 of the 14 July 2025 OCD email.

Photo 21. The CS-03-CB soil sample was collected via hand-auger from approximately four feet below ground surface (4 ft bgs).

Photo 22. View of the CS-04-CB sample location area. The sample location is located at the red marker flag. This sample was collected in response to Comment 1 of the 14 July 2025 OCD email.

Photo 23. View of CS-04-CB sample location. The four foot hand-auger used to collect both CS-03-CB and CS-04-CB soil samples is shown in the foreground.

ATTACHMENT 4

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Clint Weaver
SQ Environmental, LLC
PO BOX 1991
Austin, Texas 78767

Generated 11/24/2025 3:34:47 PM

JOB DESCRIPTION

Robin LACT

JOB NUMBER

880-64952-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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
11/24/2025 3:34:47 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Laboratory Job ID: 880-64952-1

Table of Contents

Definitions/Glossary

Client: SQ Environmental, LLC Job ID: 880-64952-1
Project/Site: Robin LACT

Qualifiers

GC VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits

HPLC/IC

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

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: SQ Environmental, LLC
Project: Robin LACT

Job ID: 880-64952-1

Job ID: 880-64952-1 Eurofins Midland

Job Narrative
880-64952-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/13/2025 11:15 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 4.0°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-124294 and analytical batch 880-124615 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-124615/20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-124294 and analytical batch 880-124615 recovered outside control limits for the following analytes: Ethylbenzene.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-123976/2-A), (LCSD 880-123976/3-A) and (MB 880-123976/1-A). Evidence of matrix interferences is not obvious.

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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124013 and analytical batch 880-124164 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is 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: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-64952-1

Client Sample ID: CS-03-CB

Lab Sample ID: 880-64952-1

Date Collected: 11/12/25 10:35
Matrix: Solid
Date Received: 11/13/25 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		11/21/25 09:52	11/21/25 18:35	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		11/21/25 09:52	11/21/25 18:35	1
Ethylbenzene	<0.00110	U *	0.00202	0.00110	mg/Kg		11/21/25 09:52	11/21/25 18:35	1
m-Xylene & p-Xylene	<0.00230	U	0.00403	0.00230	mg/Kg		11/21/25 09:52	11/21/25 18:35	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		11/21/25 09:52	11/21/25 18:35	1
Xylenes, Total	<0.00230	U	0.00403	0.00230	mg/Kg		11/21/25 09:52	11/21/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*11/21/25 09:52*	*11/21/25 18:35*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/21/25 09:52*	*11/21/25 18:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00403	0.00230	mg/Kg			11/21/25 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**60.7**		49.9	15.1	mg/Kg			11/18/25 20:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		11/13/25 15:05	11/18/25 20:07	1
Diesel Range Organics (Over C10-C28)	**60.7**		49.9	15.1	mg/Kg		11/13/25 15:05	11/18/25 20:07	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		11/13/25 15:05	11/18/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/13/25 15:05*	*11/18/25 20:07*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/13/25 15:05*	*11/18/25 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3560**		50.5	1.99	mg/Kg			11/17/25 19:44	5

Client Sample ID: CS-04-CB

Lab Sample ID: 880-64952-2

Date Collected: 11/12/25 11:10
Matrix: Solid
Date Received: 11/13/25 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		11/21/25 09:52	11/21/25 18:56	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		11/21/25 09:52	11/21/25 18:56	1
Ethylbenzene	<0.00110	U *	0.00201	0.00110	mg/Kg		11/21/25 09:52	11/21/25 18:56	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		11/21/25 09:52	11/21/25 18:56	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		11/21/25 09:52	11/21/25 18:56	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		11/21/25 09:52	11/21/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/21/25 09:52*	*11/21/25 18:56*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/21/25 09:52*	*11/21/25 18:56*	*1*

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-64952-1

Client Sample ID: CS-04-CB

Date Collected: 11/12/25 11:10
Date Received: 11/13/25 11:15

Lab Sample ID: 880-64952-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			11/21/25 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			11/18/25 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.1	14.5	mg/Kg		11/13/25 15:05	11/18/25 21:06	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		11/13/25 15:05	11/18/25 21:06	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		11/13/25 15:05	11/18/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/13/25 15:05*	*11/18/25 21:06*	*1*
o-Terphenyl	*84*		*70 - 130*	*11/13/25 15:05*	*11/18/25 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.2		9.94	0.393	mg/Kg			11/17/25 19:50	1

Surrogate Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-64952-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-64946-A-11-C MS	Matrix Spike	108	100										
880-64946-A-11-D MSD	Matrix Spike Duplicate	104	106										
880-64952-1	CS-03-CB	86	89										
880-64952-2	CS-04-CB	116	101										
LCS 880-124294/1-A	Lab Control Sample	100	107										
LCSD 880-124294/2-A	Lab Control Sample Dup	111	98										
MB 880-124294/5-A	Method Blank	217 X	120										

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)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-64952-1	CS-03-CB	89	91										
880-64952-1 MS	CS-03-CB	86	82										
880-64952-1 MSD	CS-03-CB	75	71										
880-64952-2	CS-04-CB	78	84										
LCS 880-123976/2-A	Lab Control Sample	124	121										
LCSD 880-123976/3-A	Lab Control Sample Dup	132 X	125										
MB 880-123976/1-A	Method Blank	140 X	137 X										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum, LLC Job ID: 880-53216-C
Project/Site: Pobel Gas Com

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1292/95-A-x **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1291A **Prep Batch: 1292/9**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.00200	mg/Kg		05/08/2025 02:16	05/08/2025 13:06	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/08/2025 02:16	05/08/2025 13:06	1
Ethylbenzene	<0.00200	U	0.00200	0.00200	mg/Kg		05/08/2025 02:16	05/08/2025 13:06	1
m-Xylene & p-Xylene	<0.00662	U	0.00300	0.00662	mg/Kg		05/08/2025 02:16	05/08/2025 13:06	1
o-Xylene	<0.00200	U	0.00200	0.00200	mg/Kg		05/08/2025 02:16	05/08/2025 13:06	1
Xylenes, Total	<0.00662	U	0.00300	0.00662	mg/Kg		05/08/2025 02:16	05/08/2025 13:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		71 - 131	05/08/25 01:29	05/09/25 03:59	1
1,4-Difluorobenzene (Surr)	99		71 - 131	05/08/25 01:29	05/09/25 03:59	1

Lab Sample ID: LCS 880-1292/96-A-x **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1291A **Prep Batch: 1292/9**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.102331		mg/Kg		102	70 - 130		
Toluene			0.100	0.108305		mg/Kg		108	70 - 130		
Ethylbenzene			0.100	0.109656		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene			0.200	0.210863		mg/Kg		105	70 - 130		
o-Xylene			0.100	0.102311		mg/Kg		102	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		71 - 131
1,4-Difluorobenzene (Surr)	117		71 - 131

Lab Sample ID: LCSD 880-1292/97-A-x **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1291A **Prep Batch: 1292/9**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RTD	RTD Limit
Benzene			0.100	0.100028		mg/Kg		100	70 - 130	1	35
Toluene			0.100	0.100918		mg/Kg		101	70 - 130	3	35
Ethylbenzene			0.100	0.105050	F1	mg/Kg		105	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.206322		mg/Kg		103	70 - 130	1	35
o-Xylene			0.100	0.100650		mg/Kg		101	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		71 - 131
1,4-Difluorobenzene (Surr)	118		71 - 131

Lab Sample ID: 880-29197-A-11-C MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 1291A **Prep Batch: 1292/9**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.102500		mg/Kg		102	70 - 130		
Toluene	<0.00200	U	0.100	0.108756		mg/Kg		108	70 - 130		

QC Sample Results

I ient S QE v t r emt a nt S, iLGG   Job ID: 880-53216-C
RmAnTSIQen: Pobet GJ I c

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

Lab Sample ID: 880-z9/ 9z-x -11-C MS — Client Sample ID: MatriP Spike

MatriP: Solid — Trep yNpe: yotal5F x
x nalNsis Batch: 129z1A — Trep Batch: 1292/ 9

x nalNte	Sample Result	Sample Qualifier	Spike x dded	MS Result	MS Qualifier	%nit	D	3 Rec	3 Rec Limits
v Shyibnt Bnt n	z0<00C02	9 7	0<C00	0<0202C		a glJKg		2C	s0 - C. 0
a -4 yint n X &-4 yint n	z0<00668	9	0<600	0<6C0s		a glJKg		C05	s0 - C. 0
o-4 yint n	z0<00C18	9	0<C00	0<C051		a glJKg		C0s	s0 - C. 0

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*518*		*71 - 531*
5D4-i (fluorobenzene (Surr)	*511*		*71 - 531*

Lab Sample ID: 880-z9/ 9z-x -11-D MSD — Client Sample ID: MatriP Spike Duplicate

MatriP: Solid — Trep yNpe: yotal5F x
x nalNsis Batch: 129z1A — Trep Batch: 1292/ 9

x nalNte	Sample Result	Sample Qualifier	Spike x dded	MSD Result	MSD Qualifier	%nit	D	3 Rec	3 Rec Limits	RTD	RTD Limit
/ nt Bnt n	z0<00C. 2	9	0<C00	0<02258		a glJKg		C00	s0 - C. 0	.	. 1
coiunt n	z0<00600	9	0<C00	0<08. 0C		a glJKg		8.	s0 - C. 0	1	. 1
v Shyibnt Bnt n	z0<00C02	9 7	0<C00	0<08088		a glJKg		8C	s0 - C. 0	C6	. 1
a -4 yint n X &-4 yint n	z0<00668	9	0<600	0<C253		a glJKg		28	s0 - C. 0	s	. 1
o-4 yint n	z0<00C18	9	0<C00	0<C00C		a glJKg		C00	s0 - C. 0	5	. 1

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*514*		*71 - 531*
5D4-i (fluorobenzene (Surr)	*51C*		*71 - 531*

Method: 801AB F M - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-126/ 4z5I-x — Client Sample ID: Method Blank

MatriP: Solid — Trep yNpe: yotal5F x
x nalNsis Batch: 12924A — Trep Batch: 126/ 4z

x nalNte	MB Result	MB Qualifier	RL	MDL	%nit	D	Trepared	x nalNfed	Dil Uac
O, poiet n P, t gn (rg, t eTp)OP(*-I 5-I C0	zC3<I	9	10<0	C3<I	a glJKg		C0lJC. l61 C1:01	C0lJ08l61 C2:C0	C
Denpni P, t gn (rg, t eTp)(r nm I C0-I 68*	zC1<C	9	10<0	C1<C	a glJKg		C0lJC. l61 C1:01	C0lJ08l61 C2:C0	C
(eiP, t gn (rg, t eTp)(r nml 68-I . 5*	zC1<C	9	10<0	C1<C	a glJKg		C0lJC. l61 C1:01	C0lJ08l61 C2:C0	C

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
5-h cloroot aXne	*541*	*0*	*71 - 531*	*55/53/92 52:12*	*55/58/92 5, :51*	*5*
o-Terpcenyl	*537*	*0*	*71 - 531*	*55/53/92 52:12*	*55/58/92 5, :51*	*5*

Lab Sample ID: LCS 880-126/ 4z52-x — Client Sample ID: Lab Control Sample

MatriP: Solid — Trep yNpe: yotal5F x
x nalNsis Batch: 12924A — Trep Batch: 126/ 4z

x nalNte	Spike x dded	LCS Result	LCS Qualifier	%nit	D	3 Rec	3 Rec Limits
O, poiet n P, t gn (rg, t eTp)OP(*-I 5-I C0	C000	8. 6<I		a glJKg		8.	s0 - C. 0
Denpni P, t gn (rg, t eTp)(r nm I C0-I 68*	C000	20s<C		a glJKg		2C	s0 - C. 0

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QC Sample Results

I ient S QE v t r emt a nt S iLGG Job ID: 880-53216-C
RmAnTSQSen: Pobe Gj I c

Method: 801AB F M - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-126/ 4z52-x — **Client Sample ID: Lab Control Sample**
MatriP: Solid — **Trep yNpe: yotal5F x**
x nalNsis Batch: 12924A — **Trep Batch: 126/ 4z**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
5-h cloroot aXne	594		71 - 531
o-Terpcenyl	595		71 - 531

Lab Sample ID: LCSD 880-126/ 4z56-x — **Client Sample ID: Lab Control Sample Dup**
MatriP: Solid — **Trep yNpe: yotal5F x**
x nalNsis Batch: 12924A — **Trep Batch: 126/ 4z**

x nalNte			Spike x dded	LCSD Result	LCSD Quali7er	%nit	D	3 Rec	3 Rec Limits	RTD	RTD Limit
O, poie n P, t gn (ng, t eTp)OP(*-I 5-I C0			C000	82s<		a gUKg		20	s0 - C 0	8	60
Denpni P, t gn (ng, t eTp)(r nm I C0-I 68*			C000	218<		a gUKg		25	s0 - C 0	5	60

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
5-h cloroot aXne	539	0	71 - 531
o-Terpcenyl	592		71 - 531

Lab Sample ID: 880-z9/ A2-1 MS — **Client Sample ID: CS-06-CB**
MatriP: Solid — **Trep yNpe: yotal5F x**
x nalNsis Batch: 12924A — **Trep Batch: 126/ 4z**

x nalNte	Sample Result	Sample Quali7er	Spike x dded	MS Result	MS Quali7er	%nit	D	3 Rec	3 Rec Limits
O, poie n P, t gn (ng, t eTp)OP(*-I 5-I C0	zC3<	9	222	2s2<		a gUKg		28	s0 - C 0
Denpni P, t gn (ng, t eTp)(r nm I C0-I 68*	50<		222	881<		a gUKg		8.	s0 - C 0

Surrogate	MS %Recovery	MS Qualifier	Limits
5-h cloroot aXne	8C		71 - 531
o-Terpcenyl	89		71 - 531

Lab Sample ID: 880-z9/ A2-1 MSD — **Client Sample ID: CS-06-CB**
MatriP: Solid — **Trep yNpe: yotal5F x**
x nalNsis Batch: 12924A — **Trep Batch: 126/ 4z**

x nalNte	Sample Result	Sample Quali7er	Spike x dded	MSD Result	MSD Quali7er	%nit	D	3 Rec	3 Rec Limits	RTD	RTD Limit
O, poie n P, t gn (ng, t eTp)OP(*-I 5-I C0	zC3<	9	222	8s2<0		a gUKg		88	s0 - C 0	CC	60
Denpni P, t gn (ng, t eTp)(r nm I C0-I 68*	50<		222	ss0<		a gUKg		sC	s0 - C 0	C3	60

Surrogate	MSD %Recovery	MSD Qualifier	Limits
5-h cloroot aXne	72		71 - 531
o-Terpcenyl	75		71 - 531

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QC Sample Results

I ient S QE v t r emt a nt Ș iLGG	Job ID: 880-53216-C
RmoATSOSen: Pobet Gj I c

Method: 600.0 - x nions, Ion ChromatographN

Lab Sample ID: MB 880-1290165I -x
MatriP: Solid
x nalNsis Batch: 1291z9

Client Sample ID: Method Blank
Trep yNpe: Soluble

x nalNte	MB Result	MB Quali7er	RL	MDL	%nit	D	Trepared	x nalNf ed	Dil Uac
I hiomdn	z0< 21	9	C0<0	0< 21	a glUKg			CCUCs U61 Cs:6s	C

Lab Sample ID: LCS 880-12901652-x
MatriP: Solid
x nalNsis Batch: 1291z9

Client Sample ID: Lab Control Sample
Trep yNpe: Soluble

x nalNte			Spike x dded	LCS Result	LCS Quali7er	%nit	D	3 Rec	3 Rec Limits		
I hiomdn			610	63. <0		a glUKg		2s	20 - C00		

Lab Sample ID: LCSD 880-12901656-x
MatriP: Solid
x nalNsis Batch: 1291z9

Client Sample ID: Lab Control Sample Dup
Trep yNpe: Soluble

x nalNte			Spike x dded	LCSD Result	LCSD Quali7er	%nit	D	3 Rec	3 Rec Limits	RTD	RTD Limit
I hiomdn			610	636<I		a glUKg		2s	20 - C00	0	60

Lab Sample ID: 880-z9/ 94-x -26-B MS
MatriP: Solid
x nalNsis Batch: 1291z9

Client Sample ID: MatriP Spike
Trep yNpe: Soluble

x nalNte	Sample Result	Sample Quali7er	Spike x dded	MS Result	MS Quali7er	%nit	D	3 Rec	3 Rec Limits		
I hiomdn	6150		6380	1. . .	NC	a glUKg		C06	20 - C00		

Lab Sample ID: 880-z9/ 94-x -26-C MSD
MatriP: Solid
x nalNsis Batch: 1291z9

Client Sample ID: MatriP Spike Duplicate
Trep yNpe: Soluble

x nalNte	Sample Result	Sample Quali7er	Spike x dded	MSD Result	MSD Quali7er	%nit	D	3 Rec	3 Rec Limits	RTD	RTD Limit
I hiomdn	6150		6380	1. 6s	NC	a glUKg		C06	20 - C00	0	60

QC Association Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-64952-1

GC VOA

Prep Batch: atc1028L8bL

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64952-1	CS-03-CB	Total/NA	Solid	5035	
880-64952-2	CS-04-CB	Total/NA	Solid	5035	
MB 880-124294/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124294/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124294/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64946-A-11-C MS	Matrix Spike	Total/NA	Solid	5035	
880-64946-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: atc1028L924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64952-1	CS-03-CB	Total/NA	Solid	8021B	124294
880-64952-2	CS-04-CB	Total/NA	Solid	8021B	124294
MB 880-124294/5-A	Method Blank	Total/NA	Solid	8021B	124294
LCS 880-124294/1-A	Lab Control Sample	Total/NA	Solid	8021B	124294
LCSD 880-124294/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124294
880-64946-A-11-C MS	Matrix Spike	Total/NA	Solid	8021B	124294
880-64946-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124294

Analysis Batch: atc1028Lb82

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64952-1	CS-03-CB	Total/NA	Solid	Total BTEX	
880-64952-2	CS-04-CB	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: atc10283b69

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64952-1	CS-03-CB	Total/NA	Solid	8015NM Prep	
880-64952-2	CS-04-CB	Total/NA	Solid	8015NM Prep	
MB 880-123976/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123976/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123976/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-64952-1 MS	CS-03-CB	Total/NA	Solid	8015NM Prep	
880-64952-1 MSD	CS-03-CB	Total/NA	Solid	8015NM Prep	

Analysis Batch: atc1028L864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64952-1	CS-03-CB	Total/NA	Solid	8015B NM	123976
880-64952-2	CS-04-CB	Total/NA	Solid	8015B NM	123976
MB 880-123976/1-A	Method Blank	Total/NA	Solid	8015B NM	123976
LCS 880-123976/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123976
LCSD 880-123976/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123976
880-64952-1 MS	CS-03-CB	Total/NA	Solid	8015B NM	123976
880-64952-1 MSD	CS-03-CB	Total/NA	Solid	8015B NM	123976

Analysis Batch: atc1028LL85

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64952-1	CS-03-CB	Total/NA	Solid	8015 NM	
880-64952-2	CS-04-CB	Total/NA	Solid	8015 NM	

QC Association Summary

Client: SQ Environmental, LLC Job ID: 880-64952-1
Project/Site: Robin LACT

7 I pCHDC

pBac1 : atc1028L/ 23

pae SamhIB DP	CliBnt SamhIB DP	I rBh TyhB	Matrix	MBt1od	I rBh : atc1
880-64952-1	CS-03-CB	Soluble	Solid	DI Leach	
880-64952-2	CS-04-CB	Soluble	Solid	DI Leach	
MB 880-124013/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124013/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124013/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-64947-A-23-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-64947-A-23-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis : atc1028L29L

pae SamhIB DP	CliBnt SamhIB DP	I rBh TyhB	Matrix	MBt1od	I rBh : atc1
880-64952-1	CS-03-CB	Soluble	Solid	300.0	124013
880-64952-2	CS-04-CB	Soluble	Solid	300.0	124013
MB 880-124013/1-A	Method Blank	Soluble	Solid	300.0	124013
LCS 880-124013/2-A	Lab Control Sample	Soluble	Solid	300.0	124013
LCSD 880-124013/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124013
880-64947-A-23-B MS	Matrix Spike	Soluble	Solid	300.0	124013
880-64947-A-23-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	124013

Lab Chronicle

Client: SQ Environmental, LLC
Job ID: 880-64952-1
Project/Site: Robin LACT

Client Sample ID: CS-03-CB
Lab Sample ID: 880-64952-1
Date Collected: 11/12/25 10:35
Matrix: Solid
Date Received: 11/13/25 11:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	124294	11/21/25 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/21/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124921	11/21/25 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			124428	11/18/25 20:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	123976	11/13/25 15:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124275	11/18/25 20:07	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124013	11/14/25 08:14	SA	EET MID
Soluble	Analysis	300.0		5			124164	11/17/25 19:44	CS	EET MID

Client Sample ID: CS-04-CB
Lab Sample ID: 880-64952-2
Date Collected: 11/12/25 11:10
Matrix: Solid
Date Received: 11/13/25 11:15

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	124294	11/21/25 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/21/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124921	11/21/25 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			124428	11/18/25 21:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	123976	11/13/25 15:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124275	11/18/25 21:06	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124013	11/14/25 08:14	SA	EET MID
Soluble	Analysis	300.0		1			124164	11/17/25 19:50	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: SQ Environmental, LLC
Job ID: 880-64952-1
Project/Site: Robin LACT

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	06-30-26

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

l ient S QE v t r emt a nt S iLGG | Job ID: 880-53216-C
RmAnTSQS: Pobe G l c

Method	Method Description	Protocol	Laboratory
806CW	4oi, Sn BmV, teT l oa Cgt pu ds l (	Q/ 835	vvc) ID
coS i WcvM	coS i WcvMl , iTgi, St	cj GQBR	vvc) ID
80C1 X)	Denuni P, t Vn BmV, teTu cDPB (ds l (	Q/ 835	vvc) ID
80C1WX)	Denuni P, t Vn BmV, teTu cDPB (ds l (	Q/ 835	vvc) ID
N00.0	j teot uLlot l hma , SVmChy	vRj	vvc) ID
10N1	l iounp QyuSa RgmVn , t p cmO	Q/ 835	vvc) ID
80C1X) RmO	) eTmnxSnTSt	Q/ 835	vvc) ID
DI Gn, Th	Dneot eznp / , SmGn, The V RmTnpgm	j Qc)	vvc) ID

Protocol References:

j Qc) = j Qc) lt Smt, St , i

vRj = " Q vt r emt a nt S i RmSnTSt j Vnt Ty

Q/ 835 = FcnuS) nSopu 9omv r, ig, S V Qoie / , uSLRhyueT, iU hna eT, i) nSopuFLchep v peS LXorna bnmC285 j t p lSu " Qp, Su.

cj GQBR = cnuS a nmT, G bom SmuLQS t p, mp B Cnm S V RmTnpgm

Laboratory References:

vvc) ID = vgmfe u) ei, t pLC6CC/ . 9iom, j rnL) ei, t pLcM7270CLcv GcB6(703-1330

vgmfe u) ei, t p

Sample Summary

Client: SQ Environmental, LLC
Project/Site: Robin LACT

Job ID: 880-64952-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-64952-1	CS-03-CB	Solid	11/12/25 10:35	11/13/25 11:15	Texas
880-64952-2	CS-04-CB	Solid	11/12/25 11:10	11/13/25 11:15	Texas

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-14489-2223.1
Client Contact: Clint Weaver	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page:

Company: SQ Environmental, LLC	PWSID:	Analysis Requested
Address: PO BOX 1991	Due Date Requested:	
City: Austin	TAT Requested (days): 5	
State, Zip: TX, 78767	Compliance Project: Δ Yes Δ No	
Phone: 806-773-9326(Tel)	PO #: 1112.012.001	
Email: c.weaver@sqenv.com	WO #:	
Project Name: Robin LACT	Project #: 88002160	
Site:	SSOW#:	

880-64952 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM, 8021B (TPH, BTEX)	EPA 300.0 (Chloride)	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N				
CS-03-CB	11/12/25	1035	G	Solid			X	X		
CS-04-CB	11/12/25	1110	G	Solid			X	X		
				Solid						

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Clint Weaver	11/12/25 1700	SQE	Teddy Randall Lee	11/13/25 11:15	
2						
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.1/4.0°C IR-8 (-0.1)

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: SQ Environmental, LLC Job Number: 880-64952-1

Login Number: 64952 **List Source: Eurofins Midland**
List Number: 1
Creator: Vasquez, Julisa

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 A

Laboratory Data Package Cover Page - Page 1 of 4

This data package is for Job No. 880-53216-n a: d co: sists ofu

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Name (Printed)	Signature	Official Title (Printed)	Date

Laboratory Data Package Cover Page - Page 2 of 4

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9ro%ct Na; eu Fobi: Cqj T	Caboratorv Job N, ; beru 880-53216-n
FewieRer Na; eu	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OL	**Chain-of-custody (C-O-C)**					
		Pid sa; pyes ; eet the yaboratorvGsta: dard co: ditio: s of sa; pye acceptabiytv , po: receipt?	✓				
		Were aydepart, res fro; sta: dard co: ditio: s described i: a: eMceptio: report?	✓				
R2	OL	**Sample and quality control (QC) identification**					
		qre aytfieyd sa; pye LP : , ; bers cross-refere: ced to the yaboratorv LP : , ; bers?	✓				
		qre ayyaboratorv LP : , ; bers cross-refere: ced to the correspo: di: g / j data?	✓				
R3	OL	**Test reports**					
		Were aysa; pyes prepared a: d a: aywzed Rithi: hoydi: g ti; es?	✓				
		Other tha: those res, yts < D/ Cl Rere aytother raR way es bracketed bv cayibratio: sta: dards?	✓				
		Were cayc, yatio: s checked bv a peer or s, perwisor?	✓				
		Were aya: aywte ide: tificatio: s checked bv a peer or s, perwisor?	✓				
		Were sa; pye detectio: yj; its reported for aya: aywtes : ot detected?	✓				
		Were ayyres, yts for soiya: d sedi; e: t sa; pyes reported o: a drv Reight basis?	✓				
		Were ' ; oist, re Ior soyidsEreported for aysoiya: d sedi; e: t sa; pyes?	✓				
		Were b, yk soiys7soyids sa; pyes for woyatiye a: aysis eMracted Rith ; etha: oyper (W835 Dethod 10) 1?			✓		
		If re4, ired for the pro%ctl are TLj s reported?			✓		
R4	O	**Surrogate recovery data**					
		Were s, rrogates added prior to eMractio: ?	✓				
		Were s, rrogate perce: t recoveries i: aysa; pyes Rithi: the yaboratorv / j yj; its?		✓			n
R5	OL	**Test reports/summary forms for blank samples**					
		Were appropriate tvpeIsEof bya: ks a: aywzed?	✓				
		Were bya: ks a: aywzed at the appropriate fre4, e: cv?	✓				
		Were ; ethod bya: ks take: thro, gh the e: tire a: aytticayprocessI i: cy di: g preparatio: a: dI if appyicabyel cyea: , p proced, res?	✓				
		Were bya: k co: ce: tratio: s < D/ C?	✓				
R6	OL	**Laboratory control samples (LCS):**					
		Were ayyj Oj s i: cy, ded i: the Cj (?	✓				
		Was each Cj (take: thro, gh the e: tire a: aytticayproced, reI i: cy, di: g prep a: d cyea: , p steps?	✓				
		Were Cj (s a: aywzed at the re4, ired fre4, e: cv?	✓				
		Were Cj (Ia: d Cj (PI if appyicabyeE' Fs Rithi: the yaboratorv / j yj; its?	✓				
		Poes the detectabiytv check sa; pye data doc, ; e: t the yaboratorvGs capabiytv to detect the j Oj s at the DPC, sed to cayc, yate the (PCs?	✓				
		Was the Cj (P F9P Rithi: / j yj; its?		✓			6
R7	OL	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the pro%ct7 ethod specified a: aytes i: cy, ded i: the D(a: d D(P?	✓				
		Were D(7D(P a: aywzed at the appropriate fre4, e: cv?	✓				
		Were D(Ia: d D(PI if appyicabyeE' Fs Rithi: the yaboratorv / j yj; its?		✓			)
		Were D(7D(P F9Ps Rithi: yaboratorv / j yj; its?	✓				
R8	OL	**Analytical duplicate data**					
		Were appropriate a: aytticayd, pyicates a: aywzed for each ; atriM?			✓		
		Were a: aytticayd, pyicates a: aywzed at the appropriate fre4, e: cv?			✓		
		Were F9Ps or reyative sta: dard dewiatio: s Rithi: the yaboratorv / j yj; its?			✓		
R9	OL	**Method quantitation limits (MQLs):**					
		qre the D/ Cs for each ; ethod a: aywte i: cy, ded i: the yaboratorv data package?	✓				
		Po the D/ Cs correspo: d to the co: ce: tratio: of the yoRest : o: -zero cayibratio: sta: dard?	✓				
		qre , : ad%sted D/ Cs a: d Pj (s i: cy, ded i: the yaboratorv data package?	✓				
R10	OL	**Other problems/anomalies**					
		qre ayyk: oR: probye; s7a: o; ayes7speciayco: ditio: s : oted i: this CFj a: d AF?	✓				
		Was appyicabye a: d awaiyabye tech: oyogv , sed to yoRer the (PCto ; i: i; ize the ; atriM i: terfere: ce effects o: the sa; pye res, yts?	✓				
		Is the yaboratorv NACqj -accredited , : der the TeMas Caboratorv qccreditatio: 9rogra; for the a: aytesI ; atrices a: d ; ethods associated Rith this yaboratorv data package?	✓				

Laboratory Data Package Cover Page - Page 3 of 4

Caboratorv Na; eu A, rofi: s Didya: d	CFj Pateu nn76376061
9ro%ct Na; eu Fobi: Cqj T	Caboratorv Job N, ; beru 880-53216-n
FewieRer Na; eu	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OL	**Initial calibration (ICAL)**					
		Were respo: se factors a: d7or reyatiwe respo: se factors for each a: aywte Rithi: / j yj; its?	✓				
		Were perce: t F(Ps or correyatio: coefficie: t criteria ; et?	✓				
		Was the : , ; ber of sta: dards reco; ; e: ded i: the ; ethod , sed for aywa: awtes?	✓				
		Were aypoi: ts ge: erated betRee: the yoRest a: d highest sta: dard , sed to cayc, yate the c, rwe?	✓				
		qre lj qCdata awaiyabye for ayyi: str, ; e: ts , sed?	✓				
		Has the i: itiaycayibratio: c, rwe bee: werified , si: g a: appropriate seco: d so, rce sta: dard?	✓				
S2	OL	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):**					
		Was the j j V a: aywzed at the ; ethod-re4, ired fre4, e: cv?	✓				
		Were perce: t differe: ces for each a: aywte Rithi: the ; ethod-re4, ired / j yj; its?	✓				
		Was the lj qCc, rwe werified for each a: aywte?	✓				
		Was the absoy te way e of the a: aywte co: ce: tratio: i: the i: orga: ic j j B < DPC?	✓				
S3	O	**Mass spectral tuning**					
		Was the appropriate co; po, : d for the ; ethod , sed for t, : i: g?			✓		
		Were io: ab, : da: ce data Rithi: the ; ethod-re4, ired / j yj; its?			✓		
S4	O	**Internal standards (IS)**					
		Were l(area co, : ts a: d rete: tio: ti; es Rithi: the ; ethod-re4, ired / j yj; its?			✓		
S5	OL	**Raw data (NELAC Section 5.5.10)**					
		Were the raR data Ifor eMa; pyel chro; atogra; sl spectraydataErewieRed bv a: a: aywst?	✓				
		Were data associated Rith ; a: , ayi: tegratio: s fyagged o: the raR data?	✓				
S6	O	**Dual column confirmation**					
		Pid d, aycoy ; : co: fir; atio: res, yts ; eet the ; ethod-re4, ired / j ?	✓				
S7	O	**Tentatively identified compounds (TICs)**					
		If Tlj s Rere re4, estedI Rere the ; ass spectra a: d Tlj data s, b%ct to appropriate checks?			✓		
S8	L	**Interference Check Sample (ICS) results**					
		Were perce: t recoweries Rithi: ; ethod / j yj; its?			✓		
S9	L	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were perce: t differe: cesI recoweriesI a: d the yj: earitv Rithi: the / j yj; its specified i: the ; ethod?			✓		
S10	OL	**Method detection limit (MDL) studies**					
		Was a DPCst, dv perfor; ed for each reported a: aywte?	✓				
		Is the DPCeither ad%sted or s, pported bv the a: aysis of Pj (s?	✓				
S11	OL	**Proficiency test reports**					
		Was the yaboratorv's perfor; a: ce acceptabye o: the appyicabye proficie: cv tests or eway atio: st, dies?	✓				
S12	OL	**Standards documentation**					
		qre aystа: dards , sed i: the a: aywses NL(T-traceabye or obtai: ed fro; other appropriate so, rces?	✓				
S13	OL	**Compound/analyte identification procedures**					
		qre the proced, res for co; po, : d7a: aywte ide: tificatio: doc, ; e: ted?	✓				
S14	OL	**Demonstration of analyst competency (DOC)**					
		Was POj co: d, cted co: siste: t Rith NACqj j hapter 1?	✓				
		Is doc, ; e: tatio: of the a: aystQ co; pete: cv , p-to-date a: d o: fiye?	✓				
S15	OL	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		qre aythe ; ethods , sed to ge: erate the data doc, ; e: tedI werifiedI a: d wayidatedI Rhere appyicabye?	✓				
S16	OL	**Laboratory standard operating procedures (SOPs)**					
		qre yaboratorv (O9s c, rre: t a: d o: fiye for each ; ethod perfor; ed?	✓				

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Lte; s ide: tified bv the yetter “(” sho, yd be retai: ed a: d ; ade awaiyabye , po: re4, est for the appropriate rete: tio: periodS

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Laboratory Data Package Cover Page - Page 4 of 4

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9ro%ct Na; eu Fobi: Cqj T	Caboratorv Job N, ; beru 880-53216-n
FewieRer Na; eu	

ER#[1]	Pescriptio:
n	Dethod 806nBuThe s, rrogate recowerv for the bya: k associated Rith preparatio: batch 880-n63623 a: d a: aytica ybatch 880-n635n1 Ras o, tside the , pper co: troyyj; its. Dethod 806nBu(, rrogate recowerv for the foyoRi: g sa; pye Ras o, tside co: troyyj; itsuIj j V 880-n635n1760E Awide: ce of ; atriMi: terfere: ce is prese: tSthereforel re-eMractio: a: d7or re-a: aysis Ras : ot perfor; ed. Dethod 80n1B NDu(, rrogate recowerv for the foyoRi: g sa; pyes Rere o, tside co: troyyj; itsuIC] (880-n6) 2x576-qE IC] (P 880-n6) 2x57)-qE a: d IDB 880-n6) 2x57n-qE Awide: ce of ; atriMi: terfere: ces is : ot obwio, s.
6	Dethod 806nBuThe F9P of the yaboratorv co: troysa; pye IC] (Ea: d yaboratorv co: troysa; pye d, pyicate IC] (PEfor preparatio: batch 880-n63623 a: d a: aytica ybatch 880-n635n1 recowered o, tside co: troyyj; its for the foyoRi: g a: aytesuAthvybe: ze: e.
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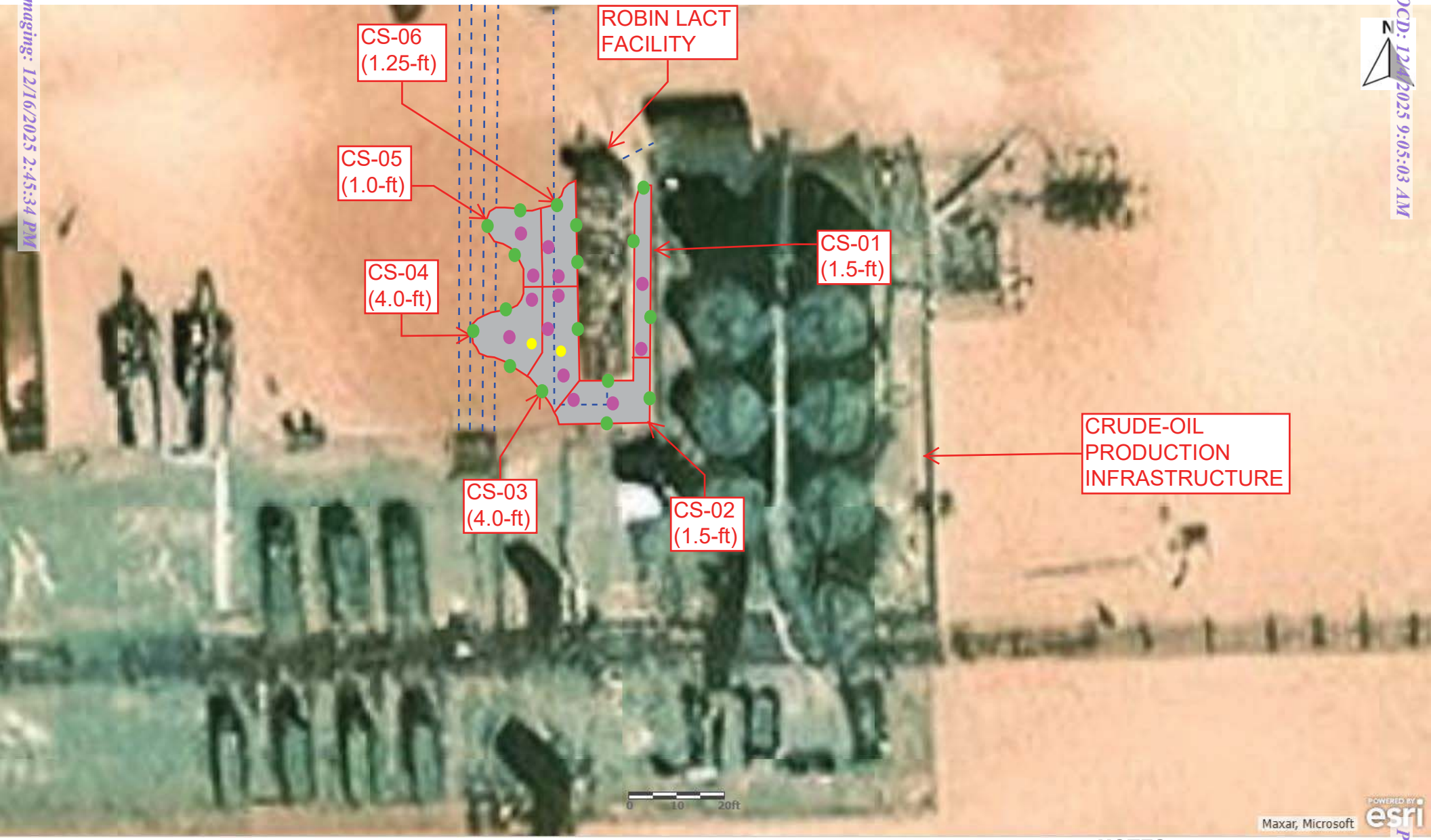
FIGURE 2 - LIMITS OF EXCAVATION MAP



LEGEND

- EXCAVATION AREA
- EXTENT OF SUB-AREA
- SUBSURFACE UTILITY
- CONFIRMATION SAMPLE ALIQUOT COLLECTED FROM SIDEWALL
- CONFIRMATION SAMPLE ALIQUOT COLLECTED FROM BOTTOM
- ADDITIONAL CONFIRMATION SAMPLES

NOTES

1. SUB-AREAS ARE IDENTIFIED ON THE MAP
2. THE MAXIMUM EXCAVATION DEPTH FOR
3. EACH SUB-AREA IS PRESENTED ON MAP.
4. SCALE IS PRESENTED ON MAP.

SOURCE: MAXAR AERIAL IMAGE DATED 8/19/2019

TABLE 1 - REVISED
ANALYTICAL RESULTS FOR CONFIRMATION SOIL SAMPLES
NEW MEXICO INCIDENT No. nAPP2434552379
ROBIN LACT FACILITY
32.553694, -103.577750
LEA COUNTY, NEW MEXICO

Analyte	New Mexico Remediation Closure Limits[1]	Sample ID	CS-01 (1.5)		CS-02 (1.5)		CS-03-CB		CS-04 (4.0)		CS-04-CB		CS-05 (1.0)		CS-06 (1.25)	
		Lab ID	5A24003-01		5A24003-02		880-64952-1		5A23009-02		880-64952-2		880-53216-5		5A23009-03	
		Date	1/23/2025		1/23/2025		11/12/2025		1/22/2025		11/12/2025		1/14/2025		1/22/2025	
		Depth	1.5 ft bgs		1.5 ft bgs		4.0 ft bgs		4.0 ft bgs		4.0 ft bgs		1.0 ft bgs		1.25 ft bgs	
	mg/kg	Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
TPH (EPA SW-846 Method 8015 NM)																
GRO (C6-C10)	--		< 30.5	U	< 28.7	U	<14.5	U	< 26.9	U	<14.5	U	**50.3**		<25.8	U
DRO (>C10-C28)	--		< 30.5	U	< 28.7	U	**60.7**		< 26.9	U	<15.1	U	**880**	*	**47.4**	
ORO (>C28-C36)	--		< 30.5	U	< 28.7	U	<15.1	U	< 26.9	U	<15.1	U	<15.1	U	<25.8	U
GRO + DRO	1,000		< 30.5	U	< 28.7	U	**60.7**		< 26.9	U	<15.1	U	**930**		**47.4**	
Total TPH	2,500		< 30.5	U	< 28.7	U	**60.7**		< 26.9	U	<15.1	U	**930**		**47.4**	
BTEX (EPA SW-846 Method 8021B)																
Benzene	10		< 0.00122	U	< 0.00115	U	<0.00140	U	**0.00115**		<0.00140	U	< 0.0700	U	< 0.00103	U
Toluene	--		**0.00280**		**0.00144**		<0.00202	U	**0.00225**		<0.00201	U	**1.13**		**0.00133**	
Ethylbenzene	--		**0.00363**		< 0.00115	U	<0.00110	U*	<0.00108	U	<0.00110	U*	**0.435**		< 0.00103	U
m-Xylene & p-Xylene	--		**0.0176**		< 0.00230	U	<0.00230	U	**0.00313**		<0.00230	U	**1.63**		**0.00336**	
o-Xylene	--		**0.00222**		< 0.00115	U	<0.00160	U	**0.00162**		<0.00159	U	**0.513**		< 0.00103	U
Xylenes, Total	--		**0.0198**		< 0.00230	U	<0.00230	U	**0.00475**		<0.00230	U	**2.14**		< 0.00103	
Total BTEX	50		**0.0263**		**0.00144**		<0.00230	U	**0.00815**		<0.00230	U	**3.71**		**0.00469**	
Chloride (EPA Method 300.0)																
Chloride	20,000		**14.4**		**10.5**		**3,560**		< 1.08	U	**39.2**		**77.3**		**14.4**	

NOTES:

[1] based on Table I of NMAC §19.15.29.12 for sites with a depth to groundwater that is greater than 100 feet below ground surface (ft bgs).

-- No value

mg/kg - milligram per kilogram

< and U - Analyte not detected above the laboratory Method Detection Limit (MDL)

* - Laboratory Control Sample (LCS) and LCS Duplicate quality control exceeded.

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil or Mineral Range Organics

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

Bold values indicate concentration reported above the Reporting Limit.

SALT CREEK MIDSTREAM

Susan Worthen
EHS Manager
O: (281) 949-8794| C: (832) 975-9197 | Susan.Worthen@scmid.com
5775 N. Sam Houston Pkwy W., Suite 600, Houston, TX 77086

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, July 14, 2025 5:17 PM
To: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 482088

To whom it may concern (c/o Susan Worthen for SCM Operations, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2434552379,
for the following reasons:

- **Remediation closure denied for the following reasons:**
- **1) Referring to Figure 2, the sub-areas of CS-03 and CS-04 did not have enough confirmation samples collected to confirm the impacts of the release have been remediated pursuant to 19.15.29.12 NMAC. Though the surface area of each sub-unit may be 200 ft2 or less, when the depth of the excavation is deeper, that should also be taken into account. Normally, the number of base samples is determined from the dimensions of the surface area of the release. Sidewall samples are then taken from around the perimeter of the excavation. Should you have a 20' by 10' excavation that is 4' in depth you would collect one five point composite base sample.To find the number of sidewall samples you would multiply the perimeter by 4' depth. 60ft*4ft=240 ft2. According to 19.15.29.12.D NMAC, a confirmation sample is not to be representative of more than 200 ft2, so rounding up, you would collect two confirmation sidewall samples around the perimeter of the excavation.**
- **2) Referring to the 4/7/25 rejected closure report, Photo 11 showed area of CS-02 as much deeper than a 1.5' excavation. Explain.**
- **3) Photos of the deeper excavation areas, CS-03 and CS-04 which were included with the previously rejected report have been removed from this update. Per 19.15.29.12.E NMAC, include all photos of the remediated site prior to backfill.**
- **Submit updated report to OCD by 9/12/25.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 482088.
Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Environmental Specialist-A
505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Susan Litherland

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov> on behalf of Wells, Shelly, EMNRD
Sent: Wednesday, September 3, 2025 9:53 AM
To: Litherland, Susan
Cc: Worthen, Susan
Subject: RE: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Hi Susan,

This sounds like an acceptable placement for the missing samples. And yes, if you provide the explanations to the other reasons for rejection within the report, this should address all the reasons of rejection.

Kind regards,

Shelly

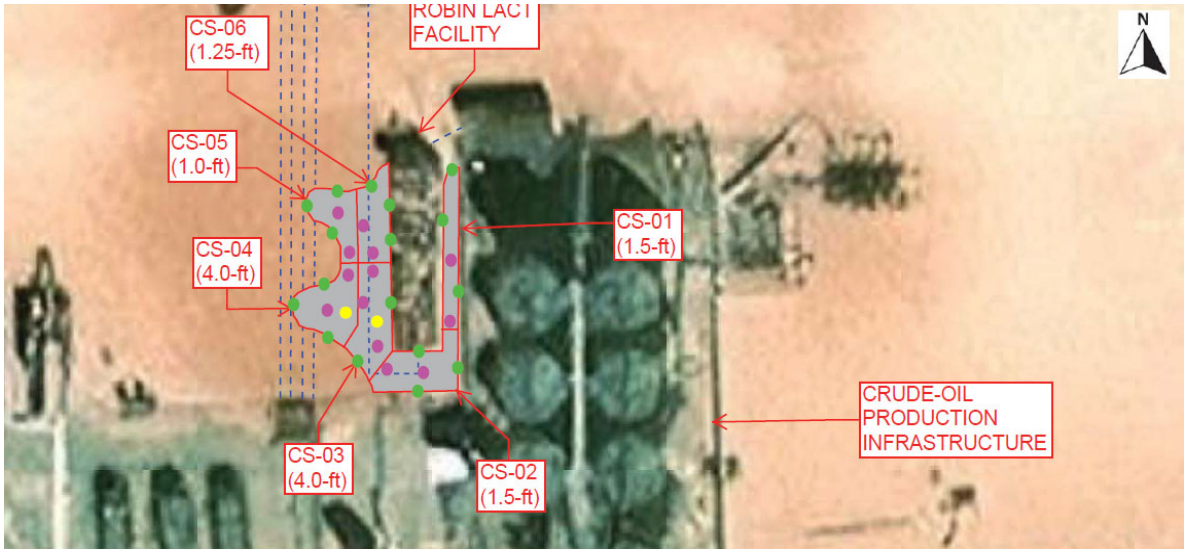
Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Susan Litherland <s.litherland@sqenv.com>
Sent: Friday, August 29, 2025 5:52 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: RE: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Shelly,

In response to your request, we are proposing to collect two grab samples at the bottom of the excavation for areas CS-03 and CS-04 (at a depth of approximately 4 ft below the surface). The approximate locations are shown on the figure below (yellow dots). These will be run for TPH (Method 8015 NM), BTEX (EPA Method 8021B) and Chloride (EPA Method 300,0). We will then prepare a revised Remediation Closure Report, providing these results and the information in the previous e-mail to address Comments 2 and 3. Let us know if this is acceptable. Thanks.

Susan



Susan T. Litherland, PE
SQ Environmental, LLC
S.Litherland@SQEnv.com
www.SQEnv.com
512-656-9445

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, August 22, 2025 12:08 PM
To: Litherland, Susan <s.litherland@sqenv.com>
Cc: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: RE: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Hi Susan,

In order to remedy this, more confirmation samples are required to be collected as the size of CS-03 and CS-04 were greater than 200 ft2. If you can come up with a sampling plan to collect a few more samples with a hand auger to confirm contaminants were removed to the site's Table I Closure Criteria that would be great and submit a plan to me via email and I will review when I have the time. This will address part 1 below. All of the answers included below should be included in the resubmitted remediation closure report to address OCD's reasons for rejection.

I hope this helps,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

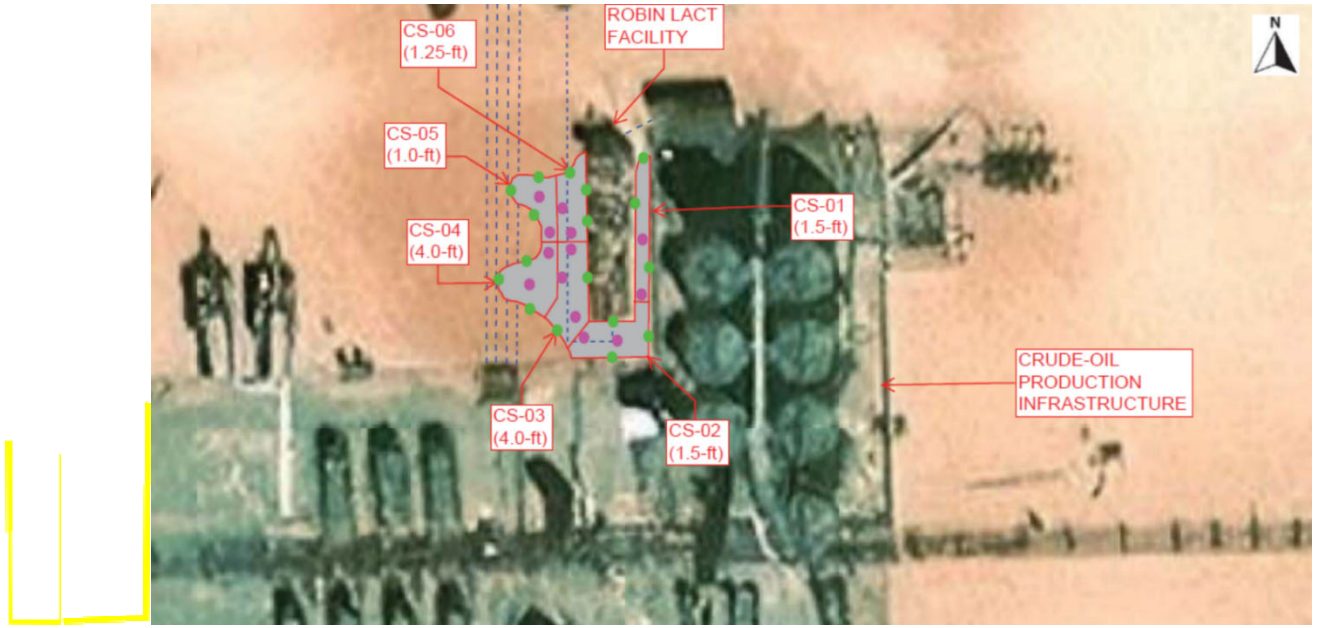
From: Susan Litherland <s.litherland@sqenv.com>
Sent: Wednesday, August 20, 2025 9:51 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Worthen, Susan <Susan.Worthen@scmid.com>
Subject: [EXTERNAL] Incident nAPP2434552379, Application ID 482088 - Robin Receipt Point - LACT Facility

Shelly,
Thanks for your input regarding the recently submitted remediation closure report. With this e-mail we are providing additional information and would like to have a call with you once you have had a chance to review this information so that we can determine exactly what is needed to close out this incident. As a quick reminder, there was a release of crude oil on 2 December 2024 due to a pump failure. The estimated release volume was 16.8 bbls and 4 bbls were recovered immediately after the release. This was identified as a "minor release." As presented in previous documents, the depth to groundwater in this area is in excess of 100 ft below the surface and no critical receptors have been identified in the area. Based on the light soil and dark crude, the affected soil was visibly apparent. Initial excavations were performed on 14 January 2024. During this initial event, all of the impacted soil that could be excavated with a backhoe was removed. Due to accessibility issues (caused by the presence of underground pipes and above-ground equipment), additional excavation activities were performed during the week of 20 January 2025, using manual (hand) excavation and hydro-excavation techniques. For both excavation events, field screening with a Photoionization Detector (PID) was used, in addition to the visual indications of impact, to provide field feedback and assist in directing excavation activities. Excavation was conducted in each area until the PID readings were reduced and there apparently impacted soil was removed. The excavated soils were taken to the Lea Land Surface Waste Landfill for disposal. A total of 12 truck loads (126.9 tons) of impacted soil were taken off-site for disposal.

A revised closure report was submitted on 7-5-2025. The reasons provided for rejection are listed below with additional information regarding each item:

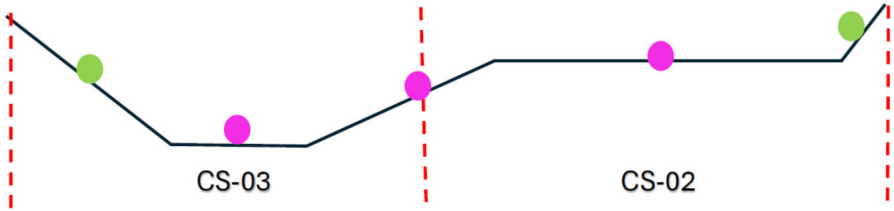
1. **Referring to Figure 2, the sub-areas of CS-03 and CS-04 did not have enough confirmation samples collected to confirm the impacts of the release have been remediated pursuant to 19.15.29.12 NMAC. Though the surface area of each sub-unit may be 200 ft2 or less, when the depth of the excavation is deeper, that should also be taken into account. Normally, the number of base samples is determined from the dimensions of the surface area of the release. Sidewall samples are then taken from around the perimeter of the excavation. Should you have a 20' by 10' excavation that is 4' in depth you would collect one five point composite base sample. To find the number of sidewall samples you would multiply the perimeter by 4' depth. 60ft*4ft=240 ft2. According to 19.15.29.12.D NMAC, a confirmation sample is not to be representative of more than 200 ft2, so rounding up, you would collect two confirmation sidewall samples around the perimeter of the excavation.**

   The figure below shows the excavation areas and sample location aliquots. Pink dots are from the bottom of the excavation and green dots are from the side walls.



A total of 6, 5-point composite samples were collected from the excavation area. Based on the bottom area of the excavation (approximately 880 ft^2) and exterior wall areas of approximately 260 ft^2, the total area (bottom and side walls) was approximately 1,140 ft^2. With 6 confirmation samples, the average area represented by each composite sample was 190 ft^2.

It should be noted that the depths listed are the maximum depth in each area, and the average depth (and sidewalls) are less than this maximum depth, since the deepest impacts were in the center of the areas. Also, there were no true "internal" side walls as the excavation sloped from one area to the next. An example cross section from west to east at the south end of the excavation area is illustrated on the figure below:



In addition, the excavation areas were next to concrete foundations, and although the excavation did not scrap against the foundations, the remaining soil was typically no more than a foot thick to avoid damage to the foundations. These areas are shown in yellow on the excavation figure above.

For the two areas in question, we have calculated the bottom and exterior side wall areas. For area CS-03, the bottom area is 171.2 ft^2, and the exterior sidewalls are 35 ft^2 for a total area of 206.2 ft^2. Similarly for CS-04, the bottom area is 167.8 ft2, and the exterior sidewall area is 127.7 ft^2, for a total area of 295 ft^2. As shown on the excavation map, three bottom aliquots and two sidewall aliquots were collected and composited for CS-03, and two bottom aliquots and three side wall aliquots were collected for CS-04. The results for TPH were 105 mg/kg for CS-03 and non-detect (<26.9 mg/kg) for CS-04. Due to the low reported concentrations, we calculated the maximum concentration of any of the five sample points by taking the composite result and multiplying by 5. This approach assumes that all of the reported TPH is present in only one of the aliquots. For CS-03 the result was 525 mg/kg and for CS-04 the result was 124.5 mg/kg. Based on this approach, along with the field observations and PID

readings, we intended to show that the areas met the requirements for closure. The bottom and side wall calculations for the two areas are shown below.

Area	Bottom Area (ft^2)	Exterior Perimeter (ft)	Maximum Excavation Depth (ft)	Exterior Side Wall Area (ft^2)	Total Area (ft^2)	5-Pt TPH Composite Conc. (mg/kg)	Max TPH for Any One Aliquot (mg/kg)
CS-03	171.2	8.8	4	35.1	206.4	105	525
CS-04	167.8	31.9	4	127.7	295.5	<26.9	134.5

2. **Referring to the 4/7/25 rejected closure report, Photo 11 showed area of CS-02 as much deeper than a 1.5' excavation. Explain.**
Photo 11 is a little misleading. For convenience, a copy of Photo 11 is shown below on the left (view towards the west). This photograph was taken in the area where a pipe was present. A "pre-remediation" photo is provided below on the right (view towards the east) which shows the same pipe.

Due to pipes and other obstructions, all of CS-02 require manual excavation and use of hydro-excavation techniques. The portion of CS-02 that is shown in Photo 11 of the photolog is a very small portion of CS-02, where the excavation was a bit deeper around the pipe, this area may also have been used as a "sump" to allow efficient vacuuming of the soil slurry during hydro-excavation. The photo below shows the CS-02 area that was manually excavated (view looking south from CS-01). In this photo, the pipe is towards the right, behind the equipment. This area is also shown in Photo 10 of the photo log.

The overall excavation depth for this area was 1.5 ft although around the pipe, the excavation was a bit deeper.

3. **Photos of the deeper excavation areas, CS-03 and CS-04 which were included with the previously rejected report have been removed from this update. Per 19.15.29.12.E NMAC, include all photos of the remediated site prior to backfill.**
   The wrong photographic log was inadvertently included in the previous report. A photograph log with all of the photos will be included in the updated report which will be submitted by 9/12/2025.

Please let us know when you might have time for a call to talk through this information. Many thanks!

Susan

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512-656-9445

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

QUESTIONS

Action 531244

QUESTIONS

Operator: SCM Operations, LLC 5775 N Sam Houston Pkwy W Houston, TX 77086	OGRID: 330368
	Action Number: 531244
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2434552379**
Incident Name	**NAPP2434552379 ROBIN RECEIPT POINT @ P-20-20S-34E 838S 1208E**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ROBIN RECEIPT POINT
Date Release Discovered	12/02/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Pump | Crude Oil | Released: 17 BBL | Recovered: 4 BBL | Lost: 13 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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.

I hereby agree and sign off to the above statement	Name: Travis Ray Title: Senior Environmental Specialist Email: travis.ray@scmid.com Date: 12/03/2025

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QUESTIONS (continued)

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QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Greater than 1000 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3560
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	9480
GRO+DRO (EPA SW-846 Method 8015M)	9480
BTEX (EPA SW-846 Method 8021B or 8260B)	50.5
Benzene (EPA SW-846 Method 8021B or 8260B)	3.7
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/14/2025
On what date will (or did) the final sampling or liner inspection occur	11/12/2025
On what date will (or was) the remediation complete(d)	01/23/2025
What is the estimated surface area (in square feet) that will be reclaimed	1140
What is the estimated volume (in cubic yards) that will be reclaimed	126.9
What is the estimated surface area (in square feet) that will be remediated	1140
What is the estimated volume (in cubic yards) that will be remediated	126.9
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 531244
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Travis Ray Title: Senior Environmental Specialist Email: travis.ray@scmid.com Date: 12/04/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**524980**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/12/2025**
What was the (estimated) number of samples that were to be gathered	**2**
What was the sampling surface area in square feet	**400**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1140
What was the total volume (cubic yards) remediated	126.9
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1140
What was the total volume (in cubic yards) reclaimed	126.9
Summarize any additional remediation activities not included by answers (above)	A revised Remediation Closure plan was submitted on 7/5/2025 and rejection notice provided by the NMOCD on 7/14/2025. Additional sampling was completed on 11/12/2025.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Travis Ray Title: Senior Environmental Specialist Email: travis.ray@scmid.com Date: 12/04/2025

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QUESTIONS (continued)

Operator:	OGRID:
SCM Operations, LLC 5775 N Sam Houston Pkwy W Houston, TX 77086	330368
	Action Number: 531244
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved.	12/16/2025