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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	nAPP2127838505
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Logos Operating, LLC	OGRID 289408
Contact Name Vanessa Fields	Contact Telephone 505-320-1243
Contact email vfields@logosresourcesllc.com	Incident # *(assigned by OCD)* nAPP2127838505
Contact mailing address 2010 Afton Place, Farmington NM 87401	

Location of Release Source

Latitude 36.8673325 Longitude -107.4232559
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Rosa Unit #211A	Site Type Gas
Date Release Discovered 7/22/2021	API# *(if applicable)* 30-039-27465

Unit Letter	Section	Township	Range	County
I	26	31N	06W	Rio Arriba

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) +/- 3 Gallons Volumed determined by released amount calculated by soil absorption rate	Volume Recovered (bbls) +/- 3 Gallons Volumed determined by released amount calculated by soil absorption rate
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

BLM inspector identified staining of rainwater inside the berm around the enclosed production water tank. LOGOS identified a pin hole on top of the tank where the Produced water leaked. The produced water was sucked up from a hydro-vac and measured to be -/+ 3 gallons of produced water. The berm size holds 1.5 times the capacity of the tank. The tank size is 500bbls. After the clean-up, the staining was left dark. LOGOS removed the tank & begin to remediate the contaminated soil and disposed at the approved landfarm +/- 60 yards.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127838505
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127838505
District RP	
Facility ID	
Application ID	

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

Printed Name: __ Vanessa Fields _____ Title: _ Regulatory Manager _____

Signature: _____ Date: __6/13/2022_____

email: __ vfields@logosresourcesllc.com _____ Telephone: ___505-320-1243_____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127838505
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: Vanessa Fields Title: Regulatory Manager

Signature: Date: 6/13/2022

email: vfields@logosresourcesllc.com Telephone: 505-320-1243

OCD Only

Received by: Date:

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

Closure Approved by: Nelson Velez Date: 06/22/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

Marie Florez

From: Marie Florez
Sent: Thursday, July 22, 2021 12:25 PM
To: Adeloye, Abiodun A
Subject: RE: Rosa Unit 211A Produced Water Tank - Cleaned up.
Attachments: IMG_0047.jpg

Emmanuel,

Please see attached: Cleaned up the location

LOGOS observed the location area, and the water stain is from the rainstorms with +/- 2 gallons of rainwater. The Rosa area has been under rain and thunder storms the past couple of weeks. At this time LOGOS sucked up the +/- 2 gallons of rainwater and cleaned up around the area. The residue being observed is from a historic spill previously on that location.

If you have any questions or concerns, please let me know.

Thanks,

505-419-8420
Marie E. Florez
mflorez@logosresourcesllc.com
LOGOS RESOURCES II, LLC

From: Adeloye, Abiodun A <aadeloye@blm.gov>
Sent: Thursday, July 22, 2021 8:16 AM
To: Marie Florez <mflorez@logosresourcesllc.com>
Subject: Rosa Unit 211A Produced Water Tank

Hi Marie, I would like to call your attention to this location. We found that the produced water tank is having stain water at the base of the tank and in the secondary berm.
The BLM would be issuing a WO for the determining what is going on there and some other issues at the location.
Calling your attention to the tank is to make sure there is a spill going on.
Please let me know if you have question.
Thank you.

Abiodun Adeloye (Emmanuel), NRS
Bureau of Land Management
Farmington Field Office
6251 College Blvd., Suite A
Farmington, NM 87402
Office Phone: 505-564-7665
Cell Phone: 505-635-0984

Marie Florez

From: Marie Florez
Sent: Monday, October 11, 2021 8:49 AM
To: Smith, Cory, EMNRD; leighp.barr@state.nm.us; Adeloye, Abiodun A
Cc: Robert Bixler; Robert Jordan; David Dryer; Etta Trujillo; Marcia Brueggenjohann; Chris Clark
Subject: RE: Rosa Unit 211A- 36.8673325, -107.4232559 - Notification for Final Confirmation re-sample after remediation

Please note:
Samples taken on the NE, NW and SW walls were above content level from October 6, 2021.

LOGOS continued to remediate and is notifying OCD (1) business day prior to conducting final sampling on the following well.

Date: October 12, 2021 (Tuesday)
Time: 09:00am

Incident # nAPP2127838505.

Surface: Federal

API: 30-039-27465
Well Name: Rosa Unit 211A
Section: 26
Township:31N
Range: 6W
Unit Letter: I
Footage: 1440 FSL 25 FEL
Lat 36.8673325
Long -107.4232559

Thanks,

Marie E. Florez
mflorez@logosresourcesllc.com
LOGOS RESOURCES II, LLC

From: Marie Florez
Sent: Tuesday, October 5, 2021 10:47 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; leighp.barr@state.nm.us; Adeloye, Abiodun A <aadeloye@blm.gov>
Cc: Robert Bixler <rbixler@logosresourcesllc.com>; Robert Jordan <rjordan@logosresourcesllc.com>; David Dryer <ddryer@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Marcia Brueggenjohann <mbrueggenjohann@logosresourcesllc.com>
Subject: Rosa Unit 211A- 36.8673325, -107.4232559 - Notification for Final Confirmation sample

BLM notified LOGOS regarding staining within the berm area of the Production Water Tank. LOGOS scheduled to remove the tank and remediate the stained area.

LOGOS is notifying OCD (1) business day prior to conducting final sampling on the following well.

Date: October 6, 2021 (Wednesday)
Time: 10:30am

Incident # nAPP2127838505.

Surface: Federal

API: 30-039-27465
Well Name: Rosa Unit 211A
Section: 26
Township:31N
Range: 6W
Unit Letter: I
Footage: 1440 FSL 25 FEL
Lat 36.8673325
Long -107.4232559

Thanks,

Marie E. Florez
Regulatory Specialist
Cell: 505-419-8420
Office: 505-787-2218
mflorez@logosresourcesllc.com

Nelson Velez
New Mexico Oil Conservation Division

Incident # **nAPP2127838505**

RE: API: 30-039-27465
Well Name: Rosa Unit 211A
Unit Letter: I, Section: 26 Township: 31N, Range: 6W
Lat: 36.8673325, Long: -107.4232559 NAD 83
1440 FSL & 25 FEL

Scope: Emmanuel (BLM) found that the produced water tank is having stain water at the base of the tank and in the secondary berm. Site was remediated to 19.15.29 standards. Release was +/- 2 gallons estimated.

Dear Mr. Velez,

On January 16, 2020, LOGOS Operating, LLC had a release occur due to the manifold blowing from the separator causing a release. LOGOS immediately ordered a hydro-vac to remediate the crude oil and used a backhoe to clean the affected area. Kelly Services disposed at Envirotech Land farm.

Due to changes in staff and Covid 19, the referenced release final C-141 was never submitted to the NMOCD.

On October 6, 2021, LOGOS notified BLM and NMOCD for final confirmation sample to be taken on October 14, 2021.

Per the results analytical report from Envirotech SB-1 was above content level. LOGOS must remediate. On September 7, 2021, LOGOS notified BLM and NMOCD to clean up outstanding release by removing separator and start remediation.

An email notification was submitted for final confirmation sample was scheduled and taken on September 14, 2021. Analytical results below.

10/6/2021 Analytical Results								
Sample Description	Date 10/6/2022	Sample Depth 3'	EPA Method 8015		EPA Method 8021		EPA Method 300.0	
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
19.15.29.13 (D) NMAC			100 mg/kg			10 mg/kg	50 mg/kg	600 mg/kg
19.15.29.12 NMAC			1000 mg/kg					10,000 mg/kg
			2500 mg/kg					
CS 1 Base	10/6/2021		ND	ND	ND	ND	ND	421
CS2 Base	10/6/2021		ND	ND	ND	ND	ND	452
CS 3 Wall NE	10/6/2021		ND	ND	ND	ND	ND	**618**
CS4 Wall NW	10/6/2021		ND	ND	ND	ND	ND	**705**
CS 5 Wall SW	10/6/2021		ND	ND	ND	ND	ND	**1070**

Further remediation was conducted on the Rosa Unit #211A with excavation extending to 5' deep by 25' wide. Final confirmation sampling was conducted on October 06, 2021. All analytical results were below regulatory standards on the base sampled.

Further remediation was conducted on the Rosa Unit #211A with excavation extending to 5.5' deep by 25' wide. Final confirmation sampling was conducted on October 14, 2021. All analytical results were below regulatory standards on the sidewalls sampled.

10/14/2021 Analytical Results								
Sample Description	Date 9/14/2021	Sample Depth 5'	EPA Method 8015		EPA Method 8021		EPA Method 300.0	
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
19.15.29.13 (D) NMAC			100 mg/kg			10 mg/kg	50 mg/kg	600 mg/kg
19.15.29.12 NMAC			1000 mg/kg					10,000 mg/kg
			2500 mg/kg					
CS1 West Wall	10/14/2021		ND	ND	ND	ND	ND	254
CS 2 North Wall	10/14/2021		ND	ND	ND	ND	ND	445
CS 3 West Wall	10/14/2021		ND	ND	ND	ND	ND	324
CS 4 South Wall	10/14/2021		ND	ND	ND	ND	ND	**252**

Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

The samples that were collected were placed into individual laboratory 4-ounce jars, capped head space free and transported on ice to Envirotech. The samples were analyzed for TPH (GRO/DRO/ORO) using EPA Method 8015D; benzene, Toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B and chlorides using EPA Method 300.0.

All final confirmation sampling that was collected was below NMOCD 19.15.29 closure standard of

Therefore, based on the site activities and the laboratory analytical results confirms that concentrations of contaminants are below the applicable release, remediation/reclamation limits and no further action is required. LOGOS request a release and remediation/reclamation closure approval from NMOCD.

Sincerely,

Vanessa Fields
Regulatory Manager
Cell: 505-320-1243

Rosa #211A

Sitting Criteria 300' defined bed and bank

Legend

Feature 1

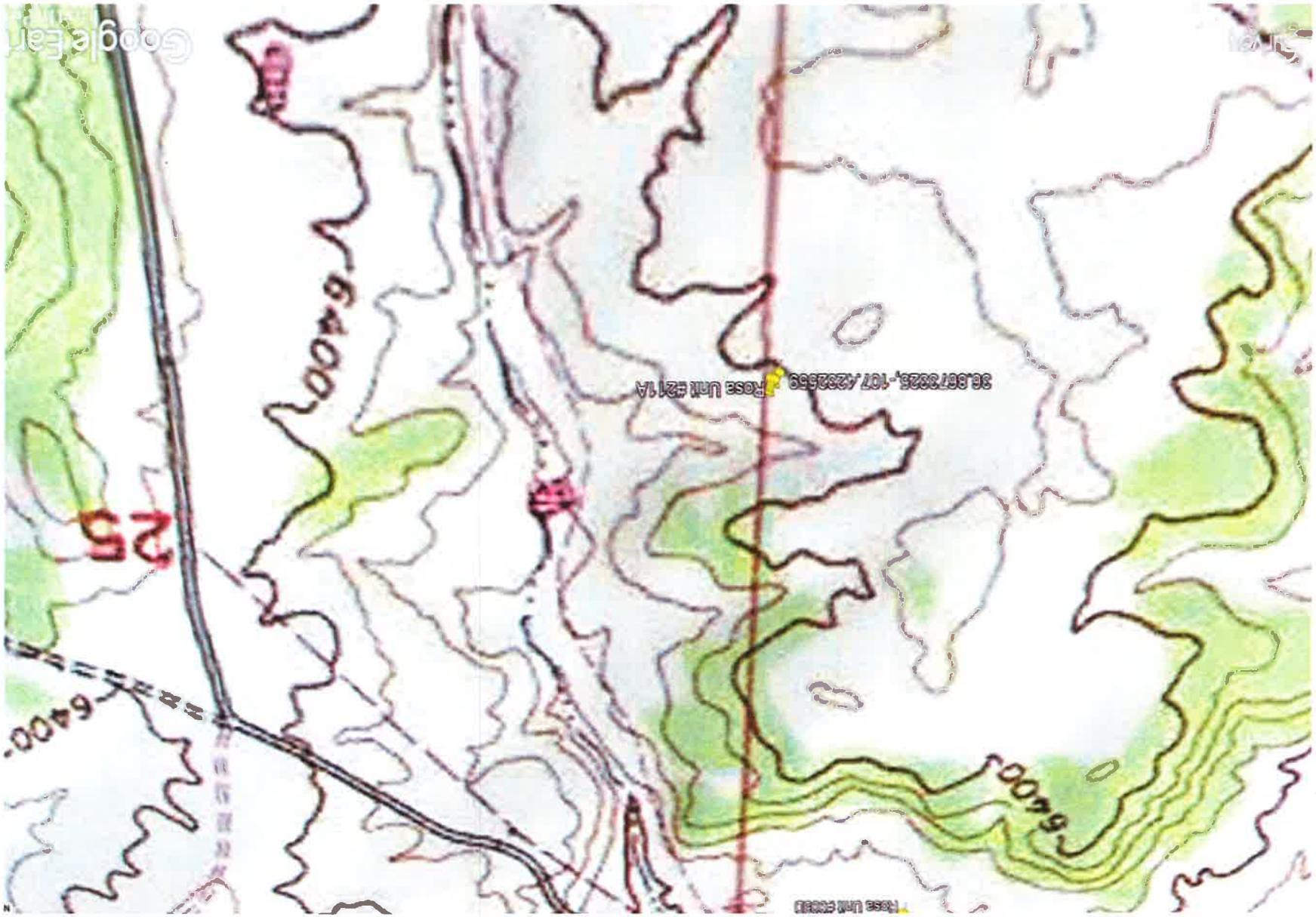
Rosa Unit #211A

36.8673325, -107.4232559

N

500 ft

Google Earth


6400
6400
6400
6400
25
36.8678826, -107.4262656
Rose Unit #214A

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 26 **Township:** 31N **Range:** 06W

6/13/22 4:38 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 25 **Township:** 31N **Range:** 06W

6/13/22 4:39 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

National Flood Hazard Layer FIRMette

FEMA

107°25'42"W 36°52'17"N

107°25'5"W 36°51'48"N

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

1:6,000

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, Are of 1% annual chance flood with averag depth less than one foot or with drainag 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 D

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

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
- 513 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

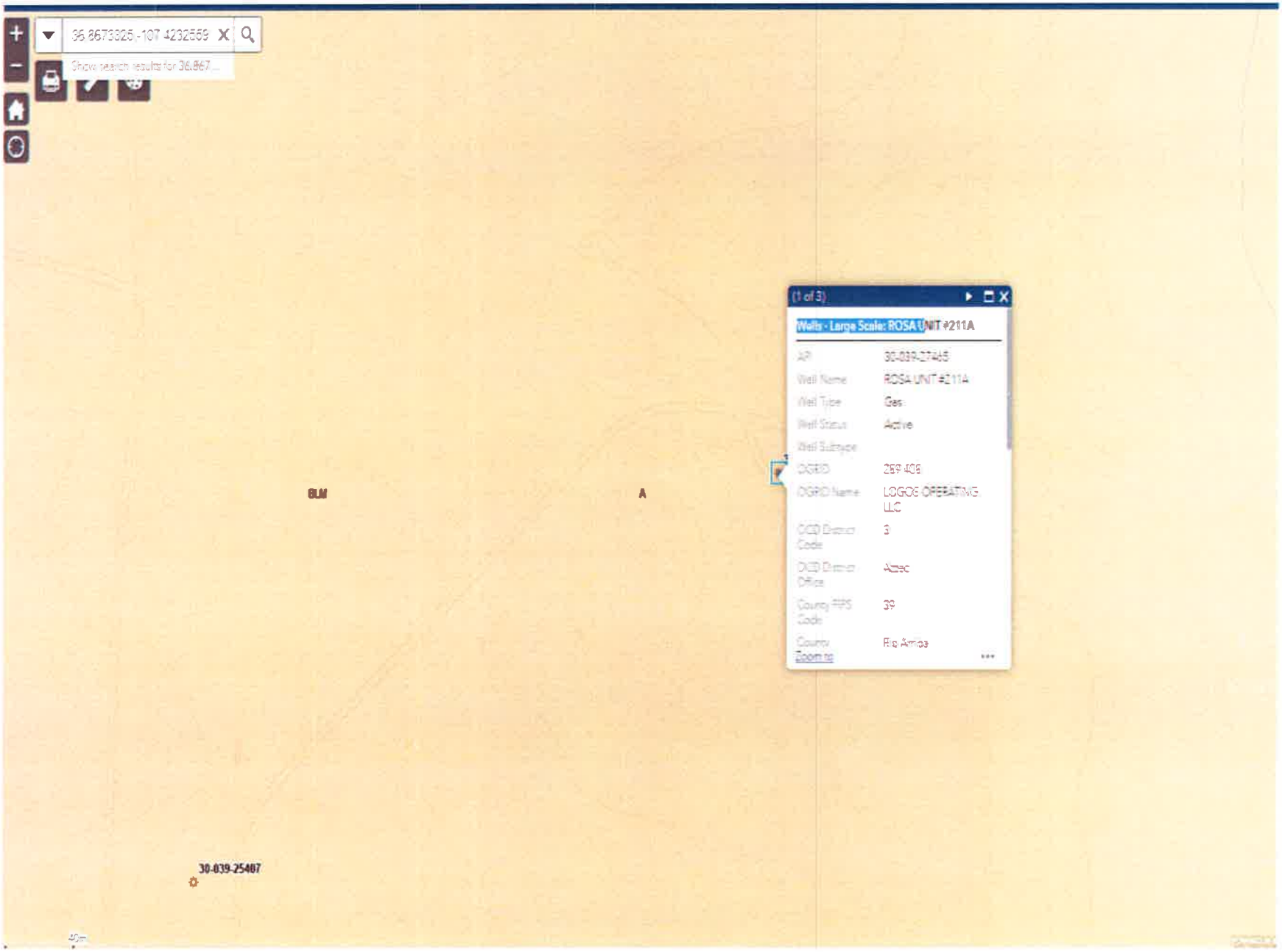
The pin displayed on the map is an approximat point selected by the user and does not repres an authoritative property location.

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 6/14/2022 at 11:13 AM 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.

NMOCD Mineral Mine Map



Google Earth
5- point composite side wall sample
5- point composite side base sample
5- point composite side wall sample
5- point composite side wall sample
5- point composite side wall sample

Report to:

Robert Jordan

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

NELAP ACCREDITED TNI LABORATORY

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name: Rosa Unit 211A

Work Order: E110026

Job Number: 12035-0114

Received: 10/6/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/7/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/7/21

Robert Jordan
2010 Afton Place
Farmington, NM 87401

Project Name: Rosa Unit 211A
Workorder: E110026
Date Received: 10/6/2021 3:12:00PM

Robert Jordan,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/6/2021 3:12:00PM, under the Project Name: Rosa Unit 211A.

The analytical test results summarized in this report with the Project Name: Rosa Unit 211A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Tom Brown
Technical Representative
Cell: 832-444-7704
tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/07/21 15:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS 1 @ base	E110026-01A	Soil	10/06/21	10/06/21	Glass Jar, 4 oz.
CS 2 @ base	E110026-02A	Soil	10/06/21	10/06/21	Glass Jar, 4 oz.
CS 3 @ Wall NE	E110026-03A	Soil	10/06/21	10/06/21	Glass Jar, 4 oz.
CS4 @ Wall NW	E110026-04A	Soil	10/06/21	10/06/21	Glass Jar, 4 oz.
CS 5 @ Wall SW	E110026-05A	Soil	10/06/21	10/06/21	Glass Jar, 4 oz.

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

CS 1 @ base

E110026-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Benzene	ND	0.0250	1	10/06/21	10/06/21	
Ethylbenzene	ND	0.0250	1	10/06/21	10/06/21	
Toluene	ND	0.0250	1	10/06/21	10/06/21	
o-Xylene	ND	0.0250	1	10/06/21	10/06/21	
p,m-Xylene	ND	0.0500	1	10/06/21	10/06/21	
Total Xylenes	ND	0.0250	1	10/06/21	10/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/21	10/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/21	10/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/21	10/07/21	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/06/21*	*10/07/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141028
Chloride	**421**	20.0	1	10/06/21	10/06/21	

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

CS 2 @ base

E110026-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Benzene	ND	0.0250	1	10/06/21	10/06/21	
Ethylbenzene	ND	0.0250	1	10/06/21	10/06/21	
Toluene	ND	0.0250	1	10/06/21	10/06/21	
o-Xylene	ND	0.0250	1	10/06/21	10/06/21	
p,m-Xylene	ND	0.0500	1	10/06/21	10/06/21	
Total Xylenes	ND	0.0250	1	10/06/21	10/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/21	10/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/21	10/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/21	10/07/21	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/06/21*	*10/07/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141028
Chloride	**452**	20.0	1	10/06/21	10/06/21	

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

CS 3 @ Wall NE

E110026-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Benzene	ND	0.0250	1	10/06/21	10/06/21	
Ethylbenzene	ND	0.0250	1	10/06/21	10/06/21	
Toluene	ND	0.0250	1	10/06/21	10/06/21	
o-Xylene	ND	0.0250	1	10/06/21	10/06/21	
p,m-Xylene	ND	0.0500	1	10/06/21	10/06/21	
Total Xylenes	ND	0.0250	1	10/06/21	10/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/21	10/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/21	10/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/21	10/07/21	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/06/21*	*10/07/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141028
Chloride	**618**	20.0	1	10/06/21	10/06/21	

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

CS4 @ Wall NW

E110026-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Benzene	ND	0.0250	1	10/06/21	10/06/21	
Ethylbenzene	ND	0.0250	1	10/06/21	10/06/21	
Toluene	ND	0.0250	1	10/06/21	10/06/21	
o-Xylene	ND	0.0250	1	10/06/21	10/06/21	
p,m-Xylene	ND	0.0500	1	10/06/21	10/06/21	
Total Xylenes	ND	0.0250	1	10/06/21	10/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/21	10/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/21	10/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/21	10/07/21	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/06/21*	*10/07/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141028
Chloride	**705**	20.0	1	10/06/21	10/06/21	

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

CS 5 @ Wall SW

E110026-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Benzene	ND	0.0250	1	10/06/21	10/06/21	
Ethylbenzene	ND	0.0250	1	10/06/21	10/06/21	
Toluene	ND	0.0250	1	10/06/21	10/06/21	
o-Xylene	ND	0.0250	1	10/06/21	10/06/21	
p,m-Xylene	ND	0.0500	1	10/06/21	10/06/21	
Total Xylenes	ND	0.0250	1	10/06/21	10/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/21	10/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*10/06/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/21	10/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/21	10/07/21	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/06/21*	*10/07/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141028
Chloride	**1070**	20.0	1	10/06/21	10/06/21	

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2141031-BLK1)									Prepared: 10/06/21 Analyzed: 10/06/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			
LCS (2141031-BS1)									Prepared: 10/06/21 Analyzed: 10/07/21
Benzene	4.89	0.0250	5.00		97.7	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	4.89	0.0250	5.00		97.7	70-130			
o-Xylene	4.80	0.0250	5.00		96.0	70-130			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.25*		*8.00*		*103*	*70-130*			
Matrix Spike (2141031-MS1)				**Source: E110020-01**					Prepared: 10/06/21 Analyzed: 10/07/21
Benzene	5.02	0.0250	5.00	0.0703	99.1	54-133			
Ethylbenzene	5.36	0.0250	5.00	0.482	97.5	61-133			
Toluene	6.20	0.0250	5.00	0.712	110	61-130			
o-Xylene	6.34	0.0250	5.00	0.939	108	63-131			
p,m-Xylene	12.2	0.0500	10.0	2.07	102	63-131			
Total Xylenes	18.6	0.0250	15.0	3.01	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.58*		*8.00*		*107*	*70-130*			
Matrix Spike Dup (2141031-MSD1)				**Source: E110020-01**					Prepared: 10/06/21 Analyzed: 10/07/21
Benzene	5.02	0.0250	5.00	0.0703	99.0	54-133	0.0936	20	
Ethylbenzene	5.54	0.0250	5.00	0.482	101	61-133	3.27	20	
Toluene	6.44	0.0250	5.00	0.712	115	61-130	3.81	20	
o-Xylene	6.59	0.0250	5.00	0.939	113	63-131	3.95	20	
p,m-Xylene	12.9	0.0500	10.0	2.07	109	63-131	5.57	20	
Total Xylenes	19.5	0.0250	15.0	3.01	110	63-131	5.02	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.57*		*8.00*		*107*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2141031-BLK1)									Prepared: 10/06/21 Analyzed: 10/06/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			
LCS (2141031-BS2)									Prepared: 10/06/21 Analyzed: 10/07/21
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2141031-MS2)				**Source: E110020-01**					Prepared: 10/06/21 Analyzed: 10/07/21
Gasoline Range Organics (C6-C10)	131	20.0	50.0	56.7	148	70-130			M1
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.9*	*70-130*			
Matrix Spike Dup (2141031-MSD2)				**Source: E110020-01**					Prepared: 10/06/21 Analyzed: 10/07/21
Gasoline Range Organics (C6-C10)	136	20.0	50.0	56.7	159	70-130	3.81	20	M1
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.75*		*8.00*		*96.8*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2141033-BLK1)									Prepared: 10/06/21 Analyzed: 10/07/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.2*		*50.0*		*114*	*50-200*			
LCS (2141033-BS1)									Prepared: 10/06/21 Analyzed: 10/07/21
Diesel Range Organics (C10-C28)	569	25.0	500		114	38-132			
Surrogate: n-Nonane	*58.8*		*50.0*		*118*	*50-200*			
Matrix Spike (2141033-MS1)				**Source: E110026-03**					Prepared: 10/06/21 Analyzed: 10/07/21
Diesel Range Organics (C10-C28)	567	25.0	500	ND	113	38-132			
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			
Matrix Spike Dup (2141033-MSD1)				**Source: E110026-03**					Prepared: 10/06/21 Analyzed: 10/07/21
Diesel Range Organics (C10-C28)	567	25.0	500	ND	113	38-132	0.102	20	
Surrogate: n-Nonane	*57.2*		*50.0*		*114*	*50-200*			

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/7/2021 3:46:53PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2141028-BLK1)									Prepared: 10/06/21 Analyzed: 10/06/21
Chloride	ND	20.0							
LCS (2141028-BS1)									Prepared: 10/06/21 Analyzed: 10/06/21
Chloride	226	20.0	250		90.3	90-110			
Matrix Spike (2141028-MS1)				**Source: E110015-01**					Prepared: 10/06/21 Analyzed: 10/06/21
Chloride	253	20.0	250	21.1	92.9	80-120			
Matrix Spike Dup (2141028-MSD1)				**Source: E110015-01**					Prepared: 10/06/21 Analyzed: 10/06/21
Chloride	266	20.0	250	21.1	97.8	80-120	4.74	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/07/21 15:46

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody "same day"

Page 1 of 1

Client: LOGOS Resources II, LLC	
Project: Rosa Unit 211A	
Project Manager: Robert Jordan	
Address: 2010 Afton Place	
City, State, Zip Farmington, NM 87401	
Phone: 505-320-1395	
Email: rjordan@logosresourcesllc.com	
Report due by:	

Bill To

Attention: Robert Jordan	
Address: 2010 Afton Place	
City, State, Zip Farmington NM 87401	
Phone: 505-324-4145	
Email: etrujillo@logosresourcesllc.com	
mflorez@logosresourcesllc.com	

Lab Use Only

Lab WO# PE1100216 Job Number 13035-0114

AM 10/6/21

TAT: 1D, 3D

EPA Program: RCRA, CWA, SDWA

State: NM (X), CO, UT, AZ, TX, OK

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
11:15	10/6/2021	S	1-4oz jar	CS 1 @ base	1	X	X	X			X	SB1 Base
11:19	10/6/2021	S	1-4oz jar	CS 2 @ base	2	X	X	X			X	SB2 Base
1:23	10/6/2021	S	1-4oz jar	CS 3 @ Wall NE	3	X	X	X			X	SB3 NE wall
11:25	10/6/2021	S	1-4oz jar	CS 4 @ Wall NW	4	X	X	X			X	SB4 NW wall
11:27	10/6/2021	S	1-4oz jar	CS 5 @ Wall SW	5	X	X	X			X	SB5 SW Wall
	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]						

Page 15 of 16

Additional Instructions: Preliminary Results available on 10/7/21 AM

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Christopher Clark

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10-6-21	3:10 PM	[signature]	10/6/21	15:12
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401

24 Hour Emergency Response Phone (800) 362-1879

Ph (505) 632-1881 Fx (505) 632-1865

envirotech-inc.com

labadmin@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 10/7/2021 8:08:42AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Logos Resources	Date Received:	10/06/21 15:12	Work Order ID:	E110026
Phone:	(505) 320-1395	Date Logged In:	10/06/21 15:55	Logged In By:	Alexa Michaels
Email:	rjordan@logosresourcesllc.com	Due Date:	10/07/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	No
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Christopher Clark

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Comments/Resolution

Preliminary results will be sent on 10/7/2021
Sample names did not match physical vs COC

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Robert Jordan

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name:	Rosa Unit 211A
Work Order:	E110068
Job Number:	12035-0114
Received:	10/14/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/15/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/15/21

Robert Jordan
2010 Afton Place
Farmington, NM 87401

Project Name: Rosa Unit 211A
Workorder: E110068
Date Received: 10/14/2021 12:30:00PM

Robert Jordan,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2021 12:30:00PM, under the Project Name: Rosa Unit 211A.

The analytical test results summarized in this report with the Project Name: Rosa Unit 211A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Table of Contents

Sample Summary

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/21 13:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 @ Wall East	E110068-01A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.
CS2 @ Wall North	E110068-02A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.
CS3 @ Wall West	E110068-03A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.
CS4 @ Wall South	E110068-04A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

CS1 @ Wall East

E110068-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Benzene	ND	0.0250	1	10/14/21	10/14/21	
Ethylbenzene	ND	0.0250	1	10/14/21	10/14/21	
Toluene	ND	0.0250	1	10/14/21	10/14/21	
o-Xylene	ND	0.0250	1	10/14/21	10/14/21	
p,m-Xylene	ND	0.0500	1	10/14/21	10/14/21	
Total Xylenes	ND	0.0250	1	10/14/21	10/14/21	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/14/21*	*10/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/21	10/14/21	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*10/14/21*	*10/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/15/21	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/14/21*	*10/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2142031
Chloride	**254**	20.0	1	10/14/21	10/15/21	

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

CS2 @ Wall North

E110068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Benzene	ND	0.0250	1	10/14/21	10/14/21	
Ethylbenzene	ND	0.0250	1	10/14/21	10/14/21	
Toluene	ND	0.0250	1	10/14/21	10/14/21	
o-Xylene	ND	0.0250	1	10/14/21	10/14/21	
p,m-Xylene	ND	0.0500	1	10/14/21	10/14/21	
Total Xylenes	ND	0.0250	1	10/14/21	10/14/21	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/14/21*	*10/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/21	10/14/21	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*10/14/21*	*10/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/15/21	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/14/21*	*10/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2142031
Chloride	**445**	20.0	1	10/14/21	10/15/21	

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

CS3 @ Wall West

E110068-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Benzene	ND	0.250	10	10/14/21	10/14/21	
Ethylbenzene	ND	0.250	10	10/14/21	10/14/21	
Toluene	ND	0.250	10	10/14/21	10/14/21	
o-Xylene	ND	0.250	10	10/14/21	10/14/21	
p,m-Xylene	ND	0.500	10	10/14/21	10/14/21	
Total Xylenes	ND	0.250	10	10/14/21	10/14/21	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/14/21*	*10/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Gasoline Range Organics (C6-C10)	ND	200	10	10/14/21	10/14/21	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/14/21*	*10/14/21*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*10/14/21*	*10/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/15/21	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/14/21*	*10/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2142031
Chloride	**324**	20.0	1	10/14/21	10/15/21	

envirotech Inc.

Sample Data

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

CS4 @ Wall South

E110068-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Benzene	ND	0.250	10	10/14/21	10/15/21	
Ethylbenzene	ND	0.250	10	10/14/21	10/15/21	
Toluene	ND	0.250	10	10/14/21	10/15/21	
o-Xylene	ND	0.250	10	10/14/21	10/15/21	
p,m-Xylene	ND	0.500	10	10/14/21	10/15/21	
Total Xylenes	ND	0.250	10	10/14/21	10/15/21	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*10/14/21*	*10/15/21*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/14/21*	*10/15/21*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*10/14/21*	*10/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2142041
Gasoline Range Organics (C6-C10)	ND	200	10	10/14/21	10/15/21	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*10/14/21*	*10/15/21*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/14/21*	*10/15/21*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*10/14/21*	*10/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/15/21	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/14/21*	*10/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2142031
Chloride	**252**	20.0	1	10/14/21	10/15/21	

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2142041-BLK1)									Prepared: 10/14/21 Analyzed: 10/15/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.463*		*0.500*		*92.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.5*	*70-130*			
LCS (2142041-BS1)									Prepared: 10/14/21 Analyzed: 10/15/21
Benzene	2.72	0.0250	2.50		109	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.78	0.0250	2.50		111	70-130			
o-Xylene	2.66	0.0250	2.50		106	70-130			
p,m-Xylene	5.46	0.0500	5.00		109	70-130			
Total Xylenes	8.12	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS Dup (2142041-BSD1)									Prepared: 10/14/21 Analyzed: 10/15/21
Benzene	2.74	0.0250	2.50		109	70-130	0.716	23	
Ethylbenzene	2.77	0.0250	2.50		111	70-130	0.0361	27	
Toluene	2.78	0.0250	2.50		111	70-130	0.144	24	
o-Xylene	2.65	0.0250	2.50		106	70-130	0.0753	27	
p,m-Xylene	5.44	0.0500	5.00		109	70-130	0.440	27	
Total Xylenes	8.09	0.0250	7.50		108	70-130	0.321	27	
Surrogate: Bromofluorobenzene	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*98.9*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2142041-BLK1)									Prepared: 10/14/21 Analyzed: 10/15/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.463*		*0.500*		*92.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.5*	*70-130*			
LCS (2142041-BS2)									Prepared: 10/14/21 Analyzed: 10/15/21
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	*0.459*		*0.500*		*91.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*98.9*	*70-130*			
LCS Dup (2142041-BSD2)									Prepared: 10/14/21 Analyzed: 10/15/21
Gasoline Range Organics (C6-C10)	57.1	20.0	50.0		114	70-130	5.36	20	
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.1*	*70-130*			

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2142033-BLK1)									Prepared: 10/14/21 Analyzed: 10/14/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.5*		*50.0*		*109*	*50-200*			
LCS (2142033-BS1)									Prepared: 10/14/21 Analyzed: 10/14/21
Diesel Range Organics (C10-C28)	564	25.0	500		113	38-132			
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*50-200*			
LCS Dup (2142033-BSD1)									Prepared: 10/14/21 Analyzed: 10/14/21
Diesel Range Organics (C10-C28)	582	25.0	500		116	38-132	2.99	20	
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			

QC Summary Data

Logos Resources	Project Name:	Rosa Unit 211A	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/2021 1:58:56PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2142031-BLK1)									Prepared: 10/14/21 Analyzed: 10/14/21
Chloride	ND	20.0							
LCS (2142031-BS1)									Prepared: 10/14/21 Analyzed: 10/14/21
Chloride	245	20.0	250		98.1	90-110			
LCS Dup (2142031-BSD1)									Prepared: 10/14/21 Analyzed: 10/14/21
Chloride	246	20.0	250		98.4	90-110	0.330	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

envirotech Inc.

Definitions and Notes

Logos Resources	Project Name:	Rosa Unit 211A	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	10/15/21 13:58

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Page 1 of 1

Client: LOGOS Resources II, LLC	Bill To
Project: Rosa Unit 211A	Attention: Robert Jordan
Project Manager: Robert Jordan	Address: 2010 Afton Place
Address: 2010 Afton Place	City, State, Zip Farmington NM 87401
City, State, Zip Farmington, NM 87401	Phone: 505-324-4145
Phone: 505-320-1395	Email: etrujillo@logosresourcesllc.com
Email: rjordan@logosresourcesllc.com	mflorez@logosresourcesllc.com
Report due by:	

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
PE11006	12035-0114	X				

AB 10/14/21

State			
NM	CO	UT	AZ
TX	OK		

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
9:58	10/14/2021	S	1-4oz jar	CS 1 @ Wall East	1	X	X	X			X	
10:01	10/14/2021	S	1-4oz jar	CS 2 @ Wall north	2	X	X	X			X	
10:04	10/14/2021	S	1-4oz jar	CS 3 @ Wall west	3	X	X	X			X	
10:06	10/14/2021	S	1-4oz jar	CS 4 @ Wall south	4	X	X	X			X	
	[redacted]											

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Mariel Florez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mariel Florez	10/14/21	12:30		10/14/21	12:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory

5795 US Highway 64, Farmington, NM 87401

24 Hour Emergency Response Phone (800) 362-1879

Ph (505) 632-0615 Fx (505) 632-1865

envirotech-inc.com

labadmin@envirotech-inc.com

Page 14 of 15

Envirotech Analytical Laboratory

Printed: 10/14/2021 1:48:28PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Logos Resources	Date Received:	10/14/21 12:30	Work Order ID:	E110068
Phone:	(505) 320-1395	Date Logged In:	10/14/21 13:43	Logged In By:	Alexa Michaels
Email:	rjordan@logosresourcesllc.com	Due Date:	10/15/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucassion.	Yes

Carrier: Marie Florez

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

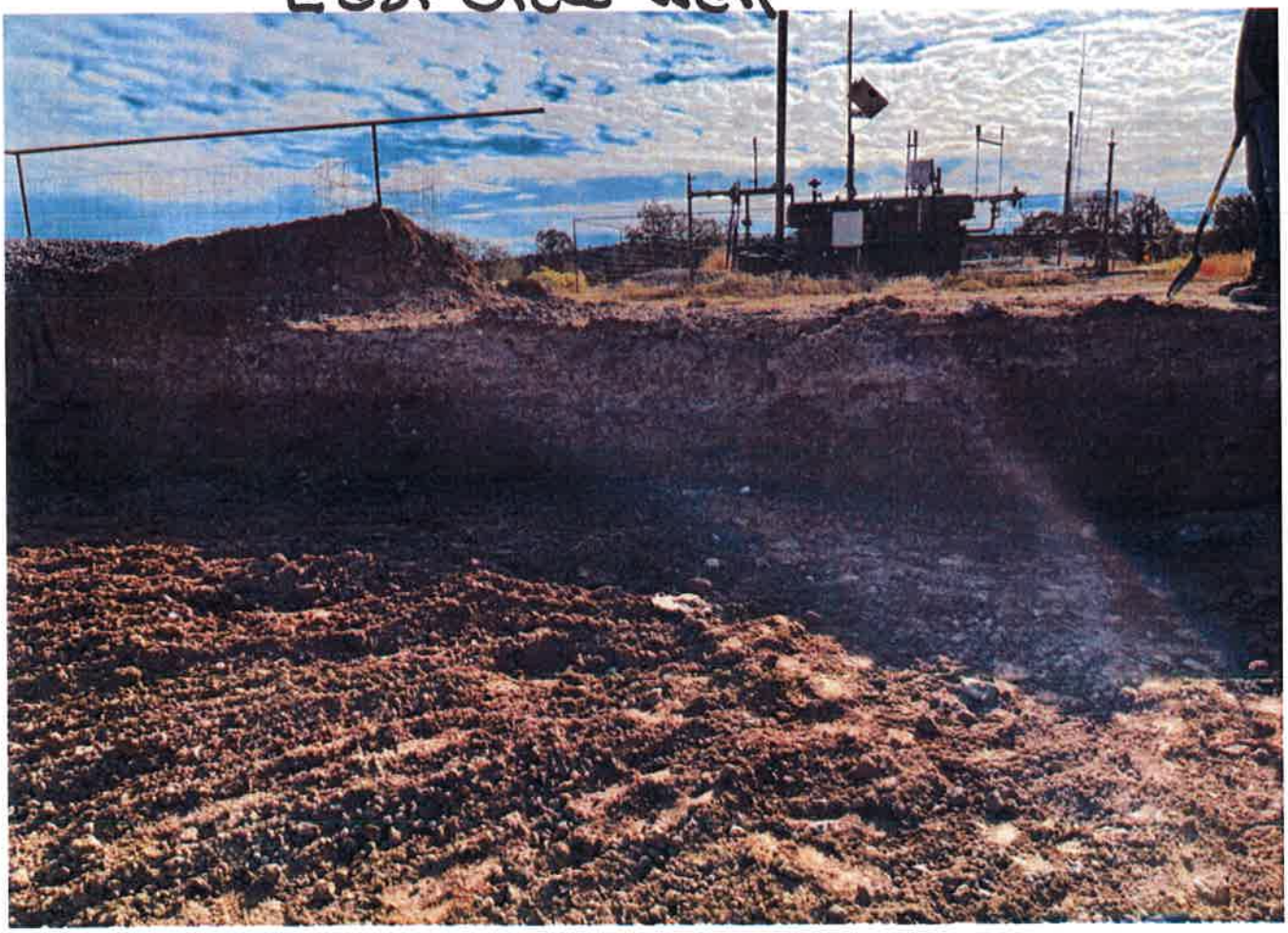
LOCKS OPERATING, LLC

North Side Wall

West Side Wall

Base

East Side Wall



South Side Wall

Base

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 116958

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 116958
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	6/22/2022