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	NRM2003837115
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)* NRM2003837115
Contact mailing address: 2010 Afton Pl Farmington, NM 87401	

Location of Release Source

Latitude 36.1954422 Longitude -107.4967346
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Lu-Lu #002	Site Type: Well Gas
Date Release Discovered 1/16/2020	API# *(if applicable)* 30-043-20655

Unit Letter	Section	Township	Range	County
L	29	23N	06W	Sandoval

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) ~5 BBLS	Volume Recovered (bbls) ~5 BBLS
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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: Manifold blew on separator causing fluid to spray on location.		

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2003837115
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc.)?	

Initial Response

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

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

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

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

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

Printed Name: Larissa Farrell Title: Environmental/Regulatory Technician

Signature: See initial C-141 submitted to NMOCD personal change Date: 1/31/2020

email: lfarrell@logosresourcesllc.com Telephone: (505) 787-2027

Vanessa Fields for Larissa Farrell

OCD Only

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2003837115
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.

Page 3 of 94
Received by OCD: 4/6/2022 10:13:06 AM
Released to Imaging: 4/19/2022 1:47:55 PM

Page 4 of 94

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003837115
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: Vanesa Fields Title: Regulatory Manager

Signature: Date: 4/5/2022

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

OCD Only

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2003837115
District RP	
Facility ID	
Application ID	

Remediation Plan

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

- ☒ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Vanessa Fields Title: Regulatory Manager

Signature: Date: 4/5/2022

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

OCD Only

Received by: Date:

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

Signature: Date:

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2003837115
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: 4/5/2022

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: 04/19/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

Page 6 of 94
Received by OCD: 4/6/2022 10:13:06 AM
Released to Imaging: 4/19/2022 1:47:55 PM

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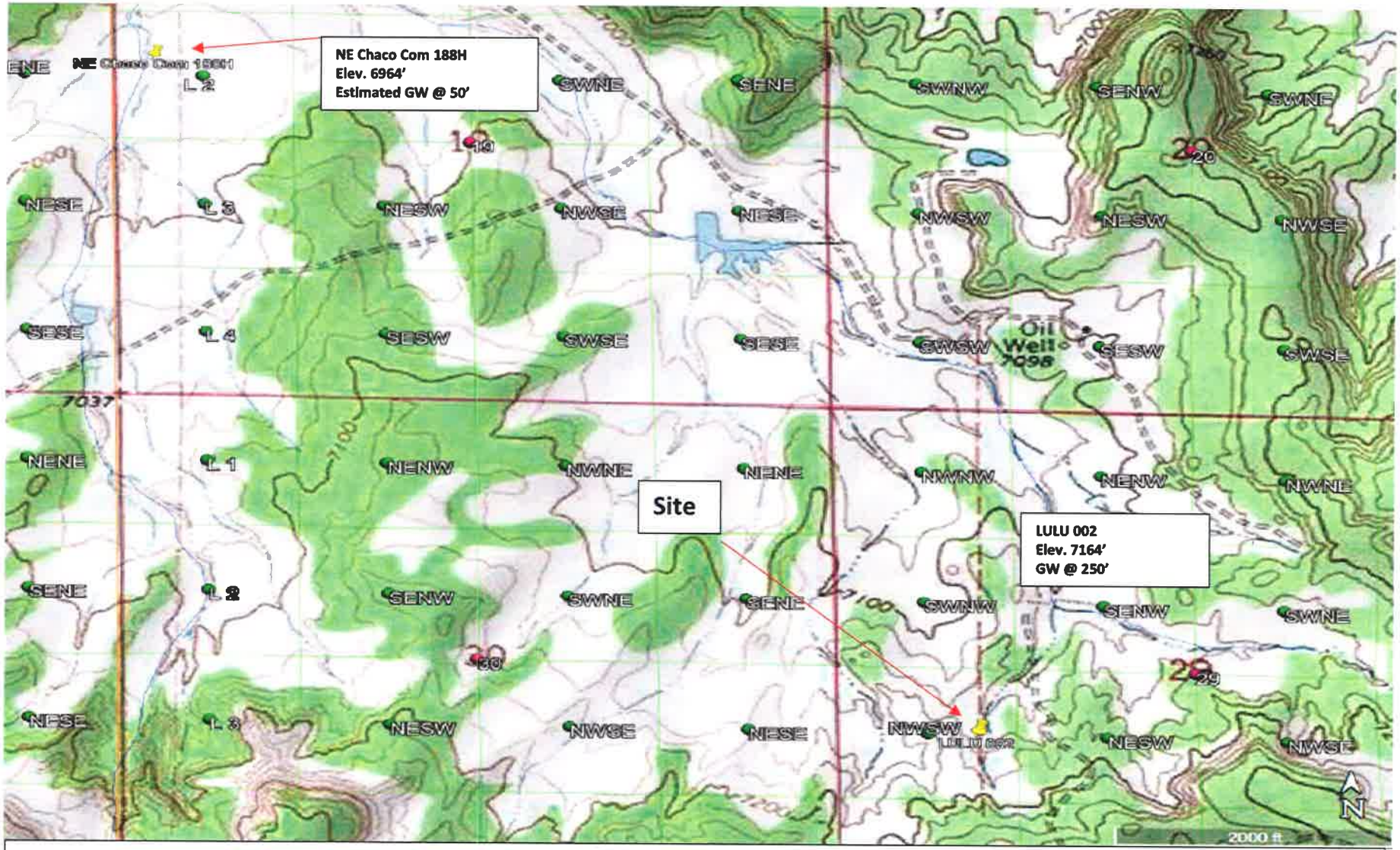

LOGOS RESOURCES II, LLC

Well Name: LULU 002
API: 30-043-20655
Section: 29 Township: 23N Range: 6W Unit: L
Lat: 36.1954422 Long: -107.4967346 NAD 83

TOPO Site Map
9/7/2021

Scale
2000 ft

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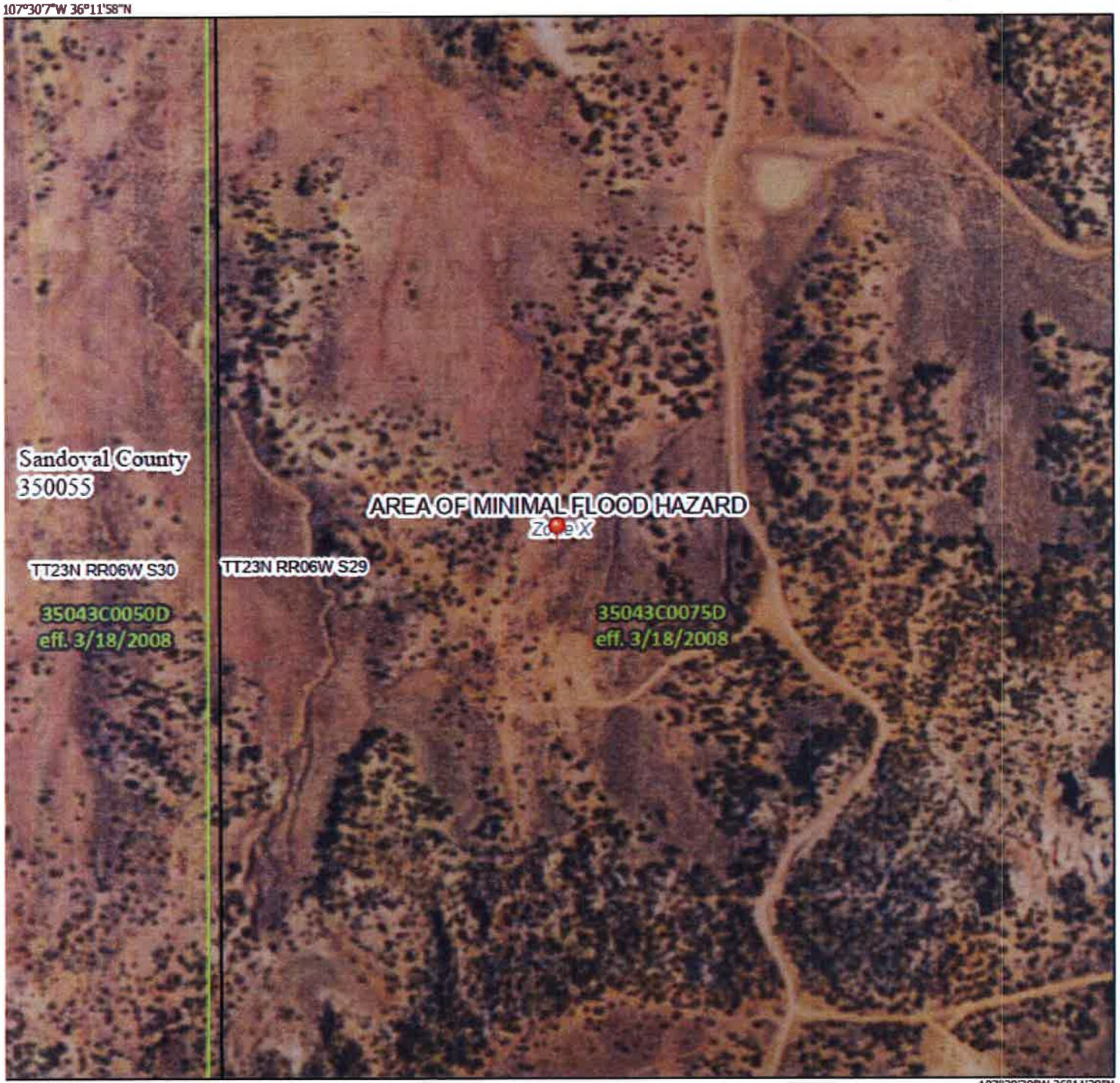
LU LU #002 API# 30-043-20655

National Flood Hazard Layer FIRMette

FEMA



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 average 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 Zon

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

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance 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 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 4/5/2022 at 4:49 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.

Page 10 of 94

From: Marie Florez
Sent: Friday, August 13, 2021 4:04 PM
To: Cory Smith (cory.smith@state.nm.us) <Cory.Smith@state.nm.us>; Adeloye, Abiodun A <aadeloye@blm.gov>
Cc: Robert Bixler <rbixler@logosresourcesllc.com>; Jason Meechan <jmeechan@logosresourcesllc.com>; Bryan Lovato <blovato@logosresourcesllc.com>; Marcia Brueggenjohann <mbrueggenjohann@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Joyner, Ryan N <rjoyner@blm.gov>
Subject: LU-LU 002 Notification for Final Confirmation sample 8/13/2021
Importance: High

LOGOS completed remediation and is notifying OCD (two) business days prior to conducting final confirmation sample on the following well.

Date: August 17, 2021 (Tuesday)
Time: 09:00am

Contact: Jason Meechan 505-486-2612

Incident # NRM2003837115

Surface: Federal (BLM)

API: 30-043-20655
Well Name: LU-LU 002
Section: 29
Township:23N
Range: 6W
Unit Letter: L (NW/SW)
Lat: 36.1954422
Long: -107.4967346 NAD 83

Thanks,

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

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Page 12 of 94

Nelson Velez
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Incident # nRM2003837115

RE: Manifold blew on separator causing fluid to spray on the East side of the separator. The estimated release volume was +/- 5bbls of crude oil, at the LULU 2 well site. Located in Unit L, Section 29, Township 23 North, Range 6 West, Sandoval County, New Mexico.

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 change in staff in 2020, this release was never completed at the same time Covid happened March of 2020. LOGOS became aware of this release in August of 2021.

On August 13, 2021, LOGOS notified BLM and NMOCD for final confirmation sample to be taken on August 17, 2021.

LOGOS arrived at the site on August 17, 2021, to conduct site delineation activities for historical oil released at the LULU 2 well site (30-043-20655). The operator utilized a hand auger four (4) soil borings, SB-1 through SB-3, were advanced into the subsurface within the earthen berm containment. Delineation activities are documented in the enclosed Aerial Site map, and Site pictures.

Soil samples were collected at 2' foot intervals in each boring.

SB-1@2'	SB-2@2'	SB-3@grab sample
SB-1@4'	SB-2@4'	SB-3@4'

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Page 13 of 94

8/17/2021 Analytical Results								
Sample Description	Date 8/17/2021	Sample Depth See below	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					
SB-1 Grab	8/17/2021	1 'bgs	ND	2470	1610	ND	ND	ND
SB-1 @ 2'	8/17/2021	2 'bgs	ND	155	257	ND	ND	49.6
SB-2 @ 2'	8/17/2021	2 'bgs	ND	ND	ND	ND	ND	48.5
SB-2 @ 4'	8/17/2021	4 'bgs	ND	ND	ND	ND	ND	78.7
SB-3 @ 1'	8/17/2021	1 'bgs	ND	ND	ND	ND	ND	68.8
SB-3 @ 3'	8/17/2021	3 'bgs	ND	ND	ND	ND	ND	68.1

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

9/16/2021 Analytical Results								
Sample Description	Date 9/14/2021	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 @1'	9/14/2021		ND	ND	ND	ND	ND	34.9
CS 1 @3'	9/14/2021		ND	ND	ND	ND	ND	60.9
CS 2 Base	9/14/2021		ND	26.9	ND	ND	ND	546
CS 2 Wall North	9/14/2021		ND	ND	ND	ND	ND	799
CS 2 Wall East (1)	9/14/2021		ND	ND	ND	ND	ND	85.7
CS 2 Wall (3) East (2)	9/14/2021		ND	ND	ND	ND	ND	ND
CS 3 Base	9/14/2021		ND	62.7	67.7	ND	ND	343
CS 3 Wall North	9/14/2021		ND	30.8	ND	ND	ND	ND
CS 3 Wall South	9/14/2021		ND	ND	ND	ND	ND	ND
CS 3 Wall West	9/14/2021		ND	ND	ND	ND	ND	ND

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Further remediation was conducted, and excavation was extended to 4' bgs. Samples were collected from the west wall and base of excavation. Due to personal change the email notification to the NMOCD was unable to be identified.

Final Sample Results								
Sample Description	Date 12/6/2021	Sample Depth 4'	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 2 Wall North	12/6/2022	4' BGS	ND	ND	ND	ND	ND	347
SB-1 @ 2'	12/6/2022	4' Base	ND	ND	ND	ND	ND	520

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Page 15 of 94

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

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
SJ 01506		SJ	SA	1	1	3	22	23N	06W	278535	4010015*	3623	280		
SJ 01156		SJ	RA	2	2	1	18	23N	06W	274330	4012555*	4295	1500	200	1300

Average Depth to Water: **200 feet**

Minimum Depth: **200 feet**

Maximum Depth: **200 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 275305 Northing (Y): 4008372 Radius: 5000

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

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/7/21 10:51 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

LULU 002
API: 30-043-20655
Separator: Manifold blew causing fluid to spray on location on 1/16/2020
AG
Separator
SB – 2 @ 2'= Oil/Diesel ND Chloride 48.5mg/kg
SB – 2 @ 4' = Oil/Diesel ND Chloride 78.7 mg/kg
SB – 3 @ 1'= Oil/Diesel ND Chloride 68.8 mg/kg
SB – 3 @ 3' = Oil/Diesel ND Chloride 78.7 mg/kg
SB – 1 Grab Sample = Oil/Diesel 4080 mg/kg
Chloride ND
SB – 1 @ 2' = Oil Diesel 412 mg/kg
Chloride 49.6 mg/kg
Pumping Unit

Dilenated in front of Separator

9/14/2021 - Results

CS 1 @ 1' - Passed
CS 1 @ 3' - Passed

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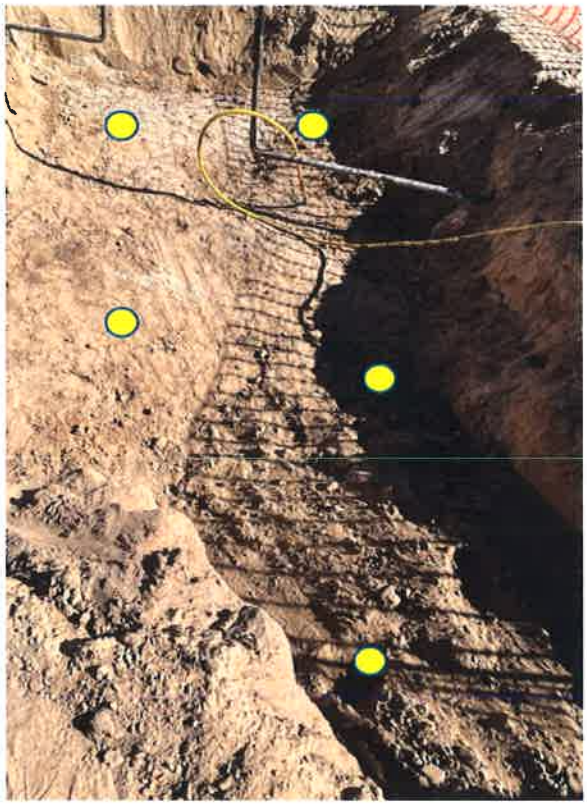
CS 2 Base – Passed

9/16/2021 – Results



CS 2 Wall North - Failed

9/16/2021-Results

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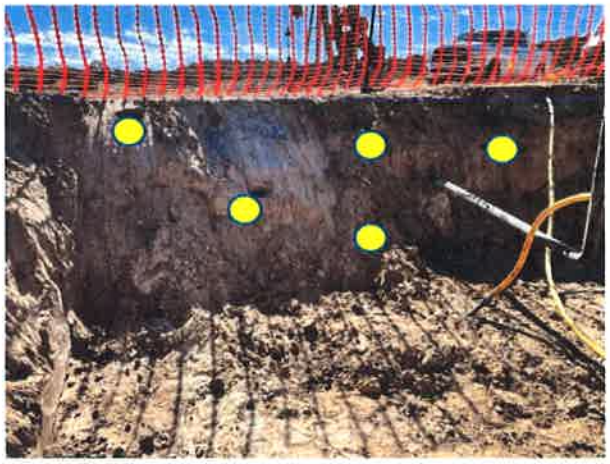
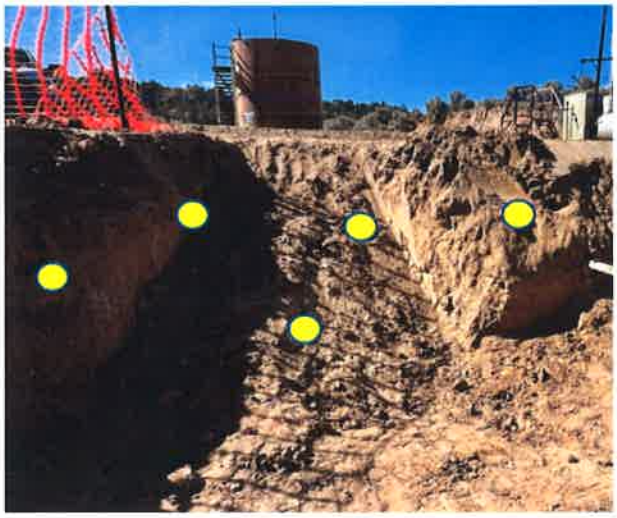
CS 2 Wall East- Passed

9/16/2021-Results



CS 2 Wall East 2- Passed

9/16/2021-Results



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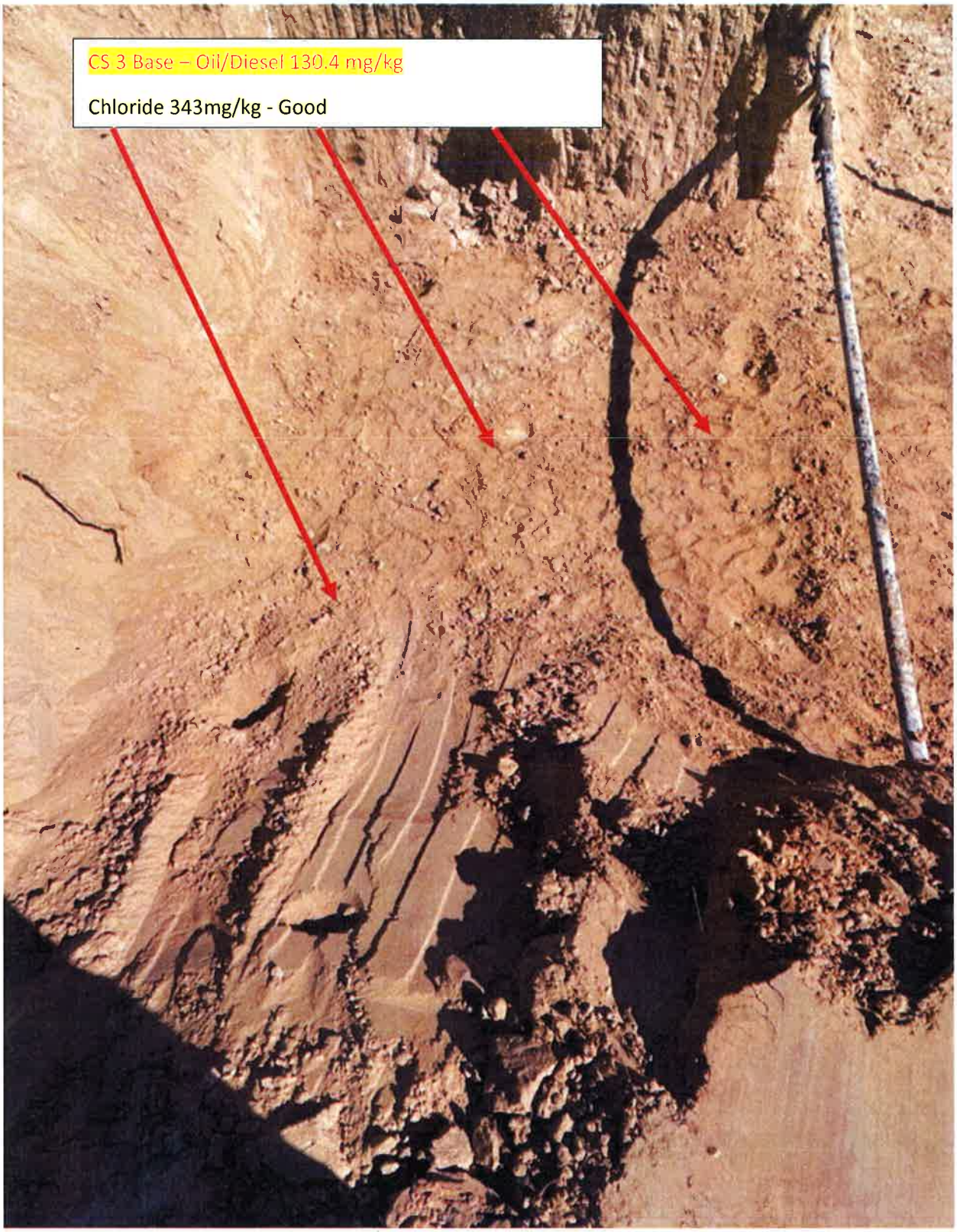

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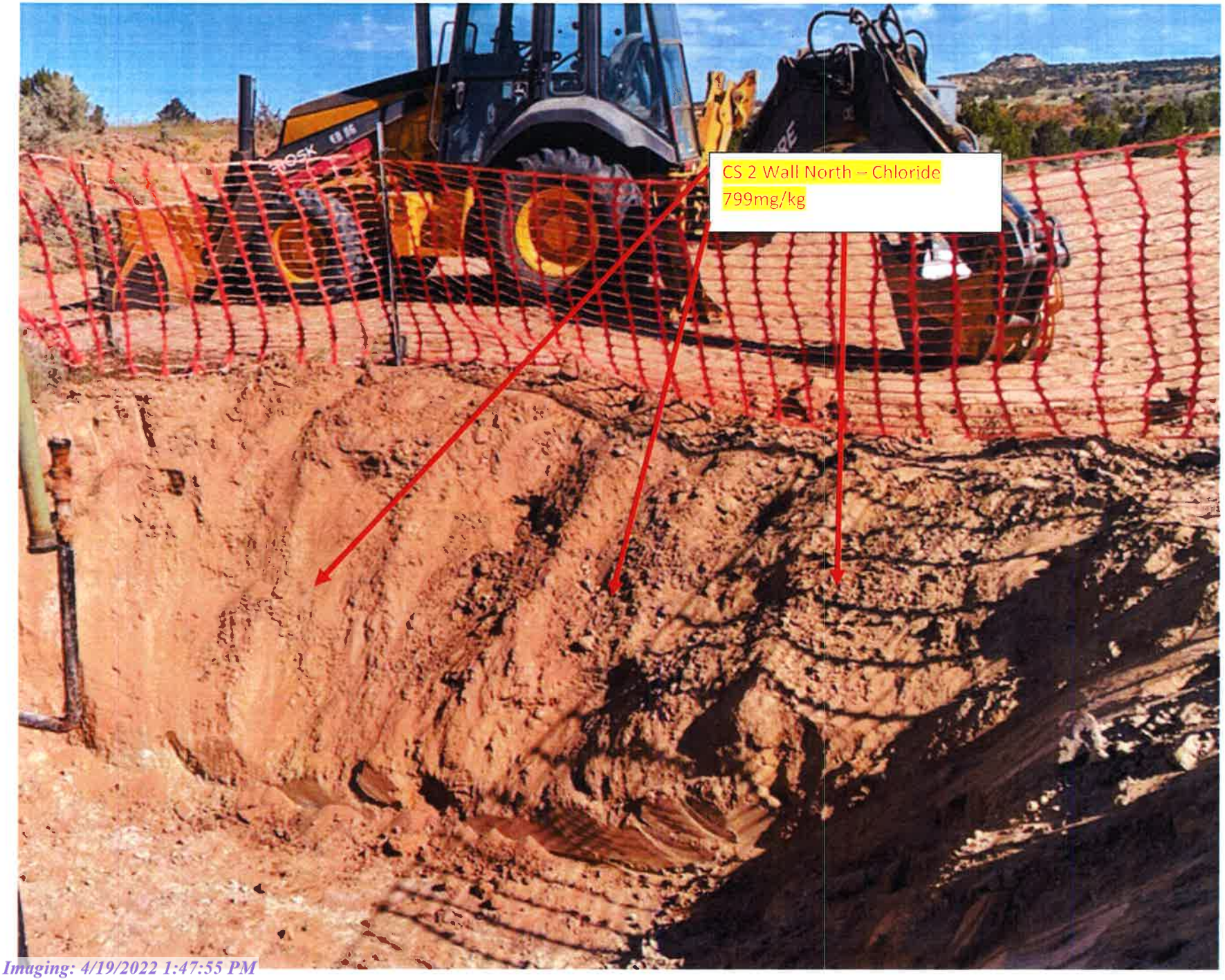
CS 2 Wall North – Chloride
799mg/kg

2

Page 24 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

SB-1 Grab

E108035-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Benzene	ND	0.0250	1	08/14/21	08/15/21	
Ethylbenzene	ND	0.0250	1	08/14/21	08/15/21	
Toluene	ND	0.0250	1	08/14/21	08/15/21	
o-Xylene	ND	0.0250	1	08/14/21	08/15/21	
p,m-Xylene	ND	0.0500	1	08/14/21	08/15/21	
Total Xylenes	ND	0.0250	1	08/14/21	08/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/21	08/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2134005
Diesel Range Organics (C10-C28)	**2470**	25.0	1	08/15/21	08/15/21	
Oil Range Organics (C28-C36)	**1610**	50.0	1	08/15/21	08/15/21	
Surrogate: n-Nonane		*124 %*	*50-200*	*08/15/21*	*08/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2134011
Chloride	ND	20.0	1	08/16/21	08/16/21	

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Page 25 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

SB-1 at 2'

E108035-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Benzene	ND	0.0250	1	08/14/21	08/15/21	
Ethylbenzene	ND	0.0250	1	08/14/21	08/15/21	
Toluene	ND	0.0250	1	08/14/21	08/15/21	
o-Xylene	ND	0.0250	1	08/14/21	08/15/21	
p,m-Xylene	ND	0.0500	1	08/14/21	08/15/21	
Total Xylenes	ND	0.0250	1	08/14/21	08/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/21	08/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2134005
Diesel Range Organics (C10-C28)	**155**	25.0	1	08/15/21	08/16/21	
Oil Range Organics (C28-C36)	**257**	50.0	1	08/15/21	08/16/21	
Surrogate: n-Nonane		*123 %*	*50-200*	*08/15/21*	*08/16/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2134011
Chloride	**49.6**	20.0	1	08/16/21	08/16/21	

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Page 26 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

SB-2 at 2'

E108035-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Benzene	ND	0.0250	1	08/14/21	08/15/21	
Ethylbenzene	ND	0.0250	1	08/14/21	08/15/21	
Toluene	ND	0.0250	1	08/14/21	08/15/21	
o-Xylene	ND	0.0250	1	08/14/21	08/15/21	
p,m-Xylene	ND	0.0500	1	08/14/21	08/15/21	
Total Xylenes	ND	0.0250	1	08/14/21	08/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/21	08/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*113 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2134005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/21	08/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/21	08/15/21	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*08/15/21*	*08/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2134011
Chloride	**48.5**	20.0	1	08/16/21	08/16/21	

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Page 27 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

SB-2 at 4'

E108035-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Benzene	ND	0.0250	1	08/14/21	08/15/21	
Ethylbenzene	ND	0.0250	1	08/14/21	08/15/21	
Toluene	ND	0.0250	1	08/14/21	08/15/21	
o-Xylene	ND	0.0250	1	08/14/21	08/15/21	
p,m-Xylene	ND	0.0500	1	08/14/21	08/15/21	
Total Xylenes	ND	0.0250	1	08/14/21	08/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/21	08/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2134005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/21	08/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/21	08/15/21	
Surrogate: n-Nonane		*109 %*	*50-200*	*08/15/21*	*08/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2134011
Chloride	**78.7**	20.0	1	08/16/21	08/16/21	

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 28 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

SB-3 at 1'

E108035-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Benzene	ND	0.0250	1	08/14/21	08/15/21	
Ethylbenzene	ND	0.0250	1	08/14/21	08/15/21	
Toluene	ND	0.0250	1	08/14/21	08/15/21	
o-Xylene	ND	0.0250	1	08/14/21	08/15/21	
p,m-Xylene	ND	0.0500	1	08/14/21	08/15/21	
Total Xylenes	ND	0.0250	1	08/14/21	08/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/21	08/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*114 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2134005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/21	08/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/21	08/15/21	
Surrogate: n-Nonane		*106 %*	*50-200*	*08/15/21*	*08/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2134011
Chloride	**68.8**	20.0	1	08/16/21	08/16/21	

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Page 29 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

SB-3 at 3'

E108035-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Benzene	ND	0.0250	1	08/14/21	08/15/21	
Ethylbenzene	ND	0.0250	1	08/14/21	08/15/21	
Toluene	ND	0.0250	1	08/14/21	08/15/21	
o-Xylene	ND	0.0250	1	08/14/21	08/15/21	
p,m-Xylene	ND	0.0500	1	08/14/21	08/15/21	
Total Xylenes	ND	0.0250	1	08/14/21	08/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/21	08/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*08/14/21*	*08/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2134005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/21	08/15/21	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/21	08/15/21	
Surrogate: n-Nonane		*111 %*	*50-200*	*08/15/21*	*08/15/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2134011
Chloride	**68.1**	20.0	1	08/16/21	08/16/21	

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 30 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 1 @ 1'

E109039-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/14/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/14/21	
Toluene	ND	0.0250	1	09/14/21	09/14/21	
o-Xylene	ND	0.0250	1	09/14/21	09/14/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/14/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*102 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	**34.9**	20.0	1	09/15/21	09/15/21	

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Page 31 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 1 @ 3'

E109039-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/14/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/14/21	
Toluene	ND	0.0250	1	09/14/21	09/14/21	
o-Xylene	ND	0.0250	1	09/14/21	09/14/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/14/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*105 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	**60.9**	20.0	1	09/15/21	09/15/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 2 Base

E109039-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/14/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/14/21	
Toluene	ND	0.0250	1	09/14/21	09/14/21	
o-Xylene	ND	0.0250	1	09/14/21	09/14/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/14/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	**26.9**	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*104 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	**546**	20.0	1	09/15/21	09/15/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 2 Wall North

E109039-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/14/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/14/21	
Toluene	ND	0.0250	1	09/14/21	09/14/21	
o-Xylene	ND	0.0250	1	09/14/21	09/14/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/14/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*105 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	**799**	20.0	1	09/15/21	09/15/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 2 Wall East (1)

E109039-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/14/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/14/21	
Toluene	ND	0.0250	1	09/14/21	09/14/21	
o-Xylene	ND	0.0250	1	09/14/21	09/14/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/14/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/14/21*	*09/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*101 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	**85.7**	20.0	1	09/15/21	09/15/21	

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 35 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 2 Wall (3) East (2)

E109039-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/15/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/15/21	
Toluene	ND	0.0250	1	09/14/21	09/15/21	
o-Xylene	ND	0.0250	1	09/14/21	09/15/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/15/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*106 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	ND	20.0	1	09/15/21	09/15/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 3 Base

E109039-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/15/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/15/21	
Toluene	ND	0.0250	1	09/14/21	09/15/21	
o-Xylene	ND	0.0250	1	09/14/21	09/15/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/15/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	**62.7**	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	**67.7**	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*106 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	**343**	20.0	1	09/15/21	09/15/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 3 Wall North

E109039-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/15/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/15/21	
Toluene	ND	0.0250	1	09/14/21	09/15/21	
o-Xylene	ND	0.0250	1	09/14/21	09/15/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/15/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	**30.8**	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*107 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	ND	20.0	1	09/15/21	09/15/21	

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 38 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 3 Wall South

E109039-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/15/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/15/21	
Toluene	ND	0.0250	1	09/14/21	09/15/21	
o-Xylene	ND	0.0250	1	09/14/21	09/15/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/15/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*106 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	ND	20.0	1	09/15/21	09/15/21	

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 39 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

CS 3 Wall West

E109039-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/15/21	
Ethylbenzene	ND	0.0250	1	09/14/21	09/15/21	
Toluene	ND	0.0250	1	09/14/21	09/15/21	
o-Xylene	ND	0.0250	1	09/14/21	09/15/21	
p,m-Xylene	ND	0.0500	1	09/14/21	09/15/21	
Total Xylenes	ND	0.0250	1	09/14/21	09/15/21	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/14/21	09/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*09/14/21*	*09/15/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	1	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/14/21	09/14/21	
Surrogate: n-Nonane		*108 %*	*50-200*	*09/14/21*	*09/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2138025
Chloride	ND	20.0	1	09/15/21	09/15/21	

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 40 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB1 nw @ 2'

E109115-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/05/21	
Toluene	ND	0.0250	1	10/05/21	10/05/21	
o-Xylene	ND	0.0250	1	10/05/21	10/05/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/05/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/05/21	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/05/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	**125**	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	**150**	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	**105**	20.0	1	10/05/21	10/05/21	

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 41 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB1 nw @ 3'

E109115-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/05/21	
Toluene	ND	0.0250	1	10/05/21	10/05/21	
o-Xylene	ND	0.0250	1	10/05/21	10/05/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/05/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/05/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/05/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	**185**	20.0	1	10/05/21	10/05/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB2 nw @ 1'

E109115-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/05/21	
Toluene	ND	0.0250	1	10/05/21	10/05/21	
o-Xylene	ND	0.0250	1	10/05/21	10/05/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/05/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/05/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/05/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	ND	20.0	1	10/05/21	10/05/21	

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Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 43 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB2 nw @ 3'

E109115-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/05/21	
Toluene	ND	0.0250	1	10/05/21	10/05/21	
o-Xylene	ND	0.0250	1	10/05/21	10/05/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/05/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/05/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/05/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	ND	20.0	1	10/05/21	10/05/21	

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB3 nw @ 1'

E109115-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/05/21	
Toluene	ND	0.0250	1	10/05/21	10/05/21	
o-Xylene	ND	0.0250	1	10/05/21	10/05/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/05/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/05/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/05/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	**235**	20.0	1	10/05/21	10/05/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB3 nw @ 3'

E109115-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/05/21	
Toluene	ND	0.0250	1	10/05/21	10/05/21	
o-Xylene	ND	0.0250	1	10/05/21	10/05/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/05/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/05/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/05/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*10/05/21*	*10/05/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	**999**	20.0	1	10/05/21	10/05/21	

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 46 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB4 nw @ 1'

E109115-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/06/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/06/21	
Toluene	ND	0.0250	1	10/05/21	10/06/21	
o-Xylene	ND	0.0250	1	10/05/21	10/06/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/06/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*10/05/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/05/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	**931**	20.0	1	10/05/21	10/05/21	

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 47 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

SB4 nw @ 3'

E109115-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/06/21	
Ethylbenzene	ND	0.0250	1	10/05/21	10/06/21	
Toluene	ND	0.0250	1	10/05/21	10/06/21	
o-Xylene	ND	0.0250	1	10/05/21	10/06/21	
p,m-Xylene	ND	0.0500	1	10/05/21	10/06/21	
Total Xylenes	ND	0.0250	1	10/05/21	10/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/05/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/21	10/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*70-130*	*10/05/21*	*10/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	1	10/05/21	10/05/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/05/21	10/05/21	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/05/21*	*10/05/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2141014
Chloride	**570**	20.0	1	10/05/21	10/05/21	

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 48 of 94

Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/8/2021 4:47:22PM

CS 2 Wall North

E112020-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2150009
Benzene	ND	0.0250	1	12/06/21	12/06/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/06/21	
Toluene	ND	0.0250	1	12/06/21	12/06/21	
o-Xylene	ND	0.0250	1	12/06/21	12/06/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/06/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*12/06/21*	*12/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2150009
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*12/06/21*	*12/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2150011
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
Surrogate: n-Nonane		*104 %*	*50-200*	*12/06/21*	*12/07/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2150013
Chloride	**347**	20.0	1	12/06/21	12/07/21	

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Sample Data

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/8/2021 4:47:22PM

CS 3 Base

E112020-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2150009
Benzene	ND	0.0250	1	12/06/21	12/06/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/06/21	
Toluene	ND	0.0250	1	12/06/21	12/06/21	
o-Xylene	ND	0.0250	1	12/06/21	12/06/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/06/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/06/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*12/06/21*	*12/06/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2150009
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*12/06/21*	*12/06/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2150011
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/06/21*	*12/07/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2150013
Chloride	**520**	20.0	1	12/06/21	12/07/21	

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Project Information

Chain of Custody

Page 1 of 1

Client: LOGOS Resources II, LLC	
Project: LULU 002	
Project Manager: Bryan Lovato	
Address: 2010 Afton Place	
City, State, Zip Farmington, NM 87401	
Phone: 505-320-6909	
Email: rjordan@logosresourcesllc.com	
Report due by:	

Bill To

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

Lab Use Only

Lab WO# PE108035 — Job Number 12035-0114

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | 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
11:51	8/11/2021	S	1-4oz jar	SB-1 ~~at 2'~~ grab	1	X	X	X			X	
1:50	8/11/2021	S	1-4oz jar	SB-1 at 4' 2'	2	X	X	X			X	
12:55	8/11/2021	S	1-4oz jar	SB-2 at 2'	3	X	X	X			X	
1:01	8/11/2021	S	1-4oz jar	SB-2 at 4'	4	X	X	X			X	
1:15	8/11/2021	S	1-4oz jar	SB-3 at 2' 1'	5	X	X	X			X	
1:35	8/11/2021	S	1-4oz jar	SB-3 at 4' 3'	6	X	X	X			X	
	~~8/11/2021~~	S	1-4oz jar	~~SB-4 at 2'~~		X	X	X			X	
	~~8/11/2021~~	S	1-4oz jar	~~SB-4 at 4'~~		X	X	X			X	
	~~8/11/2021~~	S	1-4oz jar	~~SB-5 at 2'~~		X	X	X			X	
	~~8/11/2021~~	S	1-4oz jar	~~SB-5 at 4'~~		X	X	X			X	

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:

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]	3:13	8/11/21	[signature]	3:13	8/11/21
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 4.0°C

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

24 Hour Emergency Response Phone (800) 362-1879

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Page 16 of 17

Project Information

Chain of Custody

Page ~~2~~ of ~~2~~

Client: LOGOS Resources II, LLC	Bill To	Lab Use Only
Project: LULU 002	Attention: Bryan Lovato	Lab WO# PE109039 Job Number 12035-0114
Project Manager: Bryan Lovato	Address: 2010 Afton Place	AM 9/14/21 Analysis and Method
Address: 2010 Afton Place	City, State, Zip Farmington NM 87401	
City, State, Zip Farmington, NM 87401	Phone: 505-324-4145	
Phone: 505-320-6909	Email: etrujillo@logosresourcesllc.com	
Email: ~~rjordan~~@logosresourcesllc.com	etrujillo@logosresourcesllc.com	
Report due by: Blovato	mflorez@logosresourcesllc.com	

TAT: 1D X, 3D

EPA Program: RCRA, CWA, SDWA

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
9:25	9/14/2021	S	1-4oz jar	CS 1 @ 1'	1	X	X	X			X	
9:01	9/14/2021	S	1-4oz jar	CS 1 @ 3'	2	X	X	X			X	
9:30	9/14/2021	S	1-4oz jar	CS 2 base	3	X	X	X			X	
9:35	9/14/2021	S	1-4oz jar	CS 2 wall (1) north	4	X	X	X			X	
9:40	9/14/2021	S	1-4oz jar	CS 2 wall (2) East (1)	5	X	X	X			X	
9:45	9/14/2021	S	1-4oz jar	CS 2 wall (3) East (2)	6	X	X	X			X	
11:00	9/14/2021	S	1-4oz jar	CS 3 base	7	X	X	X			X	
11:05	9/14/2021	S	1-4oz jar	CS 3 wall (1) north	8	X	X	X			X	
10:50	9/14/2021	S	1-4oz jar	CS 3 wall (2) south	9	X	X	X			X	
10:55	9/14/21	S	1-4oz jar	CS3 wall west	10	X	X	X			X	

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: Marie 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
[signature]	9/14/21	12:55	[signature]	9/14/21	12:58
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.

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Project Information

Chain of Custody

Page 1 of 1

Client: Logos Resources llc
Project: LULU 002
Project Manager: Bryan Lovato
Address:
City, State, Zip
Phone: 505-320-6909
Email: Blovato@logos
Report due by:

Bill To
Attention: Bryan Lovato
Address: Logos Resources
City, State, Zip
Phone:
Email: mFlorez@logos
etrujillo@logos

Lab Use Only
Lab WO#: E109115
Job Number: 12035-0114

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA
	RCRA

State

NM	CO	UT	AZ	TX	
X					

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of 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
10:32	9/29/21	S	1	SB1 nw @ 2'	1	X	X	X			X							4oz Jar
10:54				SB1 nw @ 3'	2													
10:34				SB2 nw @ 1'	3													
10:56				SB2 nw @ 3'	4													
10:37				SB3 nw @ 1'	5													
10:52				SB3 nw @ 3'	6													
10:39 ~~10:59~~				SB4 nw @ 1'	7													
10:49				SB4 nw @ 3'	8													

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: Marie E 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
[illegible]	9/29/21	4:30	[illegible]	9/29/21	16:30

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.

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Page 18 of 19

Project Information

rbixler@logosresourcesllc.com

Chain of Custody

Page 2 of 2

Client: LOGOS Resources II, LLC	Bill To	Lab Use Only		TAT		EPA Program		
Project: LULU 002	Attention: Jason Meechan	Lab WO# PE112020	Job Number 12035-0114	1D X	3D	RCRA	CWA	SDWA
Project Manager: Bryan Lovato	Address: 2010 Afton Place	AM 12/6/21	Analysis and Method				State	
Address: 2010 Afton Place	City, State, Zip Farmington NM 87401						NM / CO / UT / AZ	
City, State, Zip Farmington, NM 87401	Phone: 505-324-4145						TX / OK	
Phone: 505-320-6909	Email: blovato@logosresourcesllc.com							
Email: jmeechan@logosresourcesllc.com	etrujillo@logosresourcesllc.com							
Report due by:	mflorez@logosresourcesllc.com							

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
9:19	12/6/2021	S	1-4oz jar	CS 2 Wall North	1	X	X	X			X	
9:23	12/6/2021	S	1-4oz jar	CS 3 Base	2	X	X	X			X	

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: Marie 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	Lab Use Only
Marie Florez	12/6/21	10:45	[signature]	12/6/21	10:47	Received on ice: (Y) N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 ___ T2 ___ T3 ___
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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

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Page 12 of 13

Page 54 of 94

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: LULU 002

Work Order: E108035

Job Number: 12035-0114

Received: 8/11/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/17/21

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.

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 55 of 94

Date Reported: 8/17/21

Robert Jordan
2010 Afton Place
Farmington, NM 87401

Project Name: LULU 002
Workorder: E108035
Date Received: 8/11/2021 3:13:00PM

Robert Jordan,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/11/2021 3:13:00PM, under the Project Name: LULU 002.

The analytical test results summarized in this report with the Project Name: LULU 002 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
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Released to Imaging: 4/19/2022 1:47:55 PM

Page 56 of 94

Table of Contents

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Sample Summary

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	08/17/21 17:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB-1 Grab	E108035-01A	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
	E108035-01B	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
SB-1 at 2'	E108035-02A	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
	E108035-02B	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
SB-2 at 2'	E108035-03A	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
	E108035-03B	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
SB-2 at 4'	E108035-04A	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
	E108035-04B	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
SB-3 at 1'	E108035-05A	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
	E108035-05B	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
SB-3 at 3'	E108035-06A	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.
	E108035-06B	Soil	08/11/21	08/11/21	Glass Jar, 4 oz.

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 58 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2133043-BLK1)									Prepared: 08/14/21 Analyzed: 08/15/21
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: 4-Bromochlorobenzene-PID	*7.13*		*8.00*		*89.1*	*70-130*			
LCS (2133043-BS1)									Prepared: 08/14/21 Analyzed: 08/15/21
Benzene	4.80	0.0250	5.00		96.1	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.3	70-130			
Toluene	4.93	0.0250	5.00		98.6	70-130			
o-Xylene	4.85	0.0250	5.00		96.9	70-130			
p,m-Xylene	9.55	0.0500	10.0		95.5	70-130			
Total Xylenes	14.4	0.0250	15.0		96.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2133043-MS1)				**Source: E108035-01**					Prepared: 08/14/21 Analyzed: 08/15/21
Benzene	4.87	0.0250	5.00	ND	97.5	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	5.01	0.0250	5.00	ND	100	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.3*	*70-130*			
Matrix Spike Dup (2133043-MSD1)				**Source: E108035-01**					Prepared: 08/14/21 Analyzed: 08/15/21
Benzene	4.90	0.0250	5.00	ND	98.1	54-133	0.624	20	
Ethylbenzene	4.77	0.0250	5.00	ND	95.5	61-133	0.568	20	
Toluene	5.00	0.0250	5.00	ND	100	61-130	0.198	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131	0.490	20	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	63-131	0.423	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.0	63-131	0.445	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 59 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2133043-BLK1)									Prepared: 08/14/21 Analyzed: 08/15/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.07*		*8.00*		*113*	*70-130*			
LCS (2133043-BS2)									Prepared: 08/14/21 Analyzed: 08/15/21
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0		113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.11*		*8.00*		*114*	*70-130*			
Matrix Spike (2133043-MS2)				**Source: E108035-01**					Prepared: 08/14/21 Analyzed: 08/15/21
Gasoline Range Organics (C6-C10)	57.9	20.0	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.16*		*8.00*		*114*	*70-130*			
Matrix Spike Dup (2133043-MSD2)				**Source: E108035-01**					Prepared: 08/14/21 Analyzed: 08/15/21
Gasoline Range Organics (C6-C10)	55.6	20.0	50.0	ND	111	70-130	4.00	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.08*		*8.00*		*113*	*70-130*			

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 60 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

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 (2134005-BLK1)									Prepared: 08/15/21 Analyzed: 08/15/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.8*		*50.0*		*89.7*	*50-200*			
LCS (2134005-BS1)									Prepared: 08/15/21 Analyzed: 08/15/21
Diesel Range Organics (C10-C28)	523	25.0	500		105	38-132			
Surrogate: n-Nonane	*50.3*		*50.0*		*101*	*50-200*			
Matrix Spike (2134005-MS1)				**Source: E108035-03**					Prepared: 08/15/21 Analyzed: 08/15/21
Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.4	38-132			
Surrogate: n-Nonane	*44.4*		*50.0*		*88.7*	*50-200*			
Matrix Spike Dup (2134005-MSD1)				**Source: E108035-03**					Prepared: 08/15/21 Analyzed: 08/15/21
Diesel Range Organics (C10-C28)	445	25.0	500	ND	89.1	38-132	7.85	20	
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 61 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Robert Jordan	8/17/2021 5:01:56PM

Anions by EPA 300.0/9056A

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 (2134011-BLK1)									Prepared: 08/16/21 Analyzed: 08/16/21
Chloride	ND	20.0							
LCS (2134011-BS1)									Prepared: 08/16/21 Analyzed: 08/16/21
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2134011-MS1)				**Source: E108035-01**					Prepared: 08/16/21 Analyzed: 08/16/21
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2134011-MSD1)				**Source: E108035-01**					Prepared: 08/16/21 Analyzed: 08/16/21
Chloride	269	20.0	250	ND	108	80-120	1.09	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.

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Definitions and Notes

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Robert Jordan	08/17/21 17:01

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.

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Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 63 of 94

Envirotech Analytical Laboratory

Printed: 8/12/2021 5:54:37PM

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:	08/11/21 15:13	Work Order ID:	E108035
Phone:	(505) 320-1395	Date Logged In:	08/12/21 17:49	Logged In By:	Irene Yazzie
Email:	rjordan@logosresourcesllc.com	Due Date:	08/18/21 17:00 (5 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 disucssion.	Yes

Carrier: Marie Florez

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	No

Sample Cooler

7. Was a sample cooler received?	No
8. If yes, was cooler received in good condition?	NA
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

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

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 64 of 94

Report to:

Bryan Lovato

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: LULU 002

Work Order: E109039

Job Number: 12035-0114

Received: 9/14/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/16/21

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)

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 65 of 94

Date Reported: 9/16/21

Bryan Lovato
2010 Afton Place
Farmington, NM 87401

Project Name: LULU 002
Workorder: E109039
Date Received: 9/14/2021 12:58:00PM

Bryan Lovato,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/14/2021 12:58:00PM, under the Project Name: LULU 002.

The analytical test results summarized in this report with the Project Name: LULU 002 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
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West Texas Midland/Odessa Area
Tom Brown
Technical Representative
Cell: 832-444-7704
tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Page 66 of 94

Table of Contents

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 67 of 94

Sample Summary

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	09/16/21 12:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS 1 @ 1'	E109039-01A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 1 @ 3'	E109039-02A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 2 Base	E109039-03A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 2 Wall North	E109039-04A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 2 Wall East (1)	E109039-05A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 2 Wall (3) East (2)	E109039-06A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 3 Base	E109039-07A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 3 Wall North	E109039-08A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 3 Wall South	E109039-09A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.
CS 3 Wall West	E109039-10A	Soil	09/14/21	09/14/21	Glass Jar, 4 oz.

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 68 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2138018-BLK1)									Prepared: 09/14/21 Analyzed: 09/14/21
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	*7.42*		*8.00*		*92.7*	*70-130*			
LCS (2138018-BS1)									Prepared: 09/14/21 Analyzed: 09/14/21
Benzene	4.73	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130			
Toluene	4.79	0.0250	5.00		95.9	70-130			
o-Xylene	4.73	0.0250	5.00		94.7	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.2	0.0250	15.0		94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.38*		*8.00*		*105*	*70-130*			
Matrix Spike (2138018-MS1)				**Source: E109039-01**					Prepared: 09/14/21 Analyzed: 09/14/21
Benzene	4.95	0.0250	5.00	ND	98.9	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	4.98	0.0250	5.00	ND	99.7	61-130			
o-Xylene	4.92	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		*8.00*		*98.6*	*70-130*			
Matrix Spike Dup (2138018-MSD1)				**Source: E109039-01**					Prepared: 09/14/21 Analyzed: 09/14/21
Benzene	5.02	0.0250	5.00	ND	100	54-133	1.53	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	61-133	0.706	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	0.993	20	
o-Xylene	4.96	0.0250	5.00	ND	99.2	63-131	0.831	20	
p,m-Xylene	9.83	0.0500	10.0	ND	98.3	63-131	0.600	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.6	63-131	0.677	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.70*		*8.00*		*96.3*	*70-130*			

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 69 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2138018-BLK1)									Prepared: 09/14/21 Analyzed: 09/14/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.44*		*8.00*		*106*	*70-130*			
LCS (2138018-BS2)									Prepared: 09/14/21 Analyzed: 09/14/21
Gasoline Range Organics (C6-C10)	59.5	20.0	50.0		119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.50*		*8.00*		*106*	*70-130*			
Matrix Spike (2138018-MS2)				**Source: E109039-01**					Prepared: 09/14/21 Analyzed: 09/14/21
Gasoline Range Organics (C6-C10)	59.6	20.0	50.0	ND	119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.36*		*8.00*		*104*	*70-130*			
Matrix Spike Dup (2138018-MSD2)				**Source: E109039-01**					Prepared: 09/14/21 Analyzed: 09/14/21
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	70-130	3.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.22*		*8.00*		*103*	*70-130*			

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 70 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

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 (2138019-BLK1)									Prepared: 09/14/21 Analyzed: 09/14/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*50-200*			
LCS (2138019-BS1)									Prepared: 09/14/21 Analyzed: 09/14/21
Diesel Range Organics (C10-C28)	442	25.0	500		88.3	38-132			
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*50-200*			
Matrix Spike (2138019-MS1)				**Source: E109039-04**					Prepared: 09/14/21 Analyzed: 09/14/21
Diesel Range Organics (C10-C28)	454	25.0	500	ND	90.8	38-132			
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2138019-MSD1)				**Source: E109039-04**					Prepared: 09/14/21 Analyzed: 09/14/21
Diesel Range Organics (C10-C28)	464	25.0	500	ND	92.8	38-132	2.25	20	
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*50-200*			

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Page 71 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	9/16/2021 12:58:03PM

Anions by EPA 300.0/9056A

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 (2138025-BLK1)									Prepared: 09/15/21 Analyzed: 09/15/21
Chloride	ND	20.0							
LCS (2138025-BS1)									Prepared: 09/15/21 Analyzed: 09/15/21
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2138025-MS1)				**Source: E109039-01**					Prepared: 09/15/21 Analyzed: 09/15/21
Chloride	276	20.0	250	34.9	96.5	80-120			
Matrix Spike Dup (2138025-MSD1)				**Source: E109039-01**					Prepared: 09/15/21 Analyzed: 09/15/21
Chloride	287	20.0	250	34.9	101	80-120	3.77	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.

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 72 of 94

Definitions and Notes

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	09/16/21 12:58

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.

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 73 of 94

Envirotech Analytical Laboratory

Printed: 9/14/2021 1:29:54PM

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:	09/14/21 12:58	Work Order ID:	E109039
Phone:	(505) 320-6909	Date Logged In:	09/14/21 13:19	Logged In By:	Alexa Michaels
Email:	blovato@logosresourcesllc.com	Due Date:	09/15/21 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	Carrier: Marie Florez
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	

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?	Yes

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

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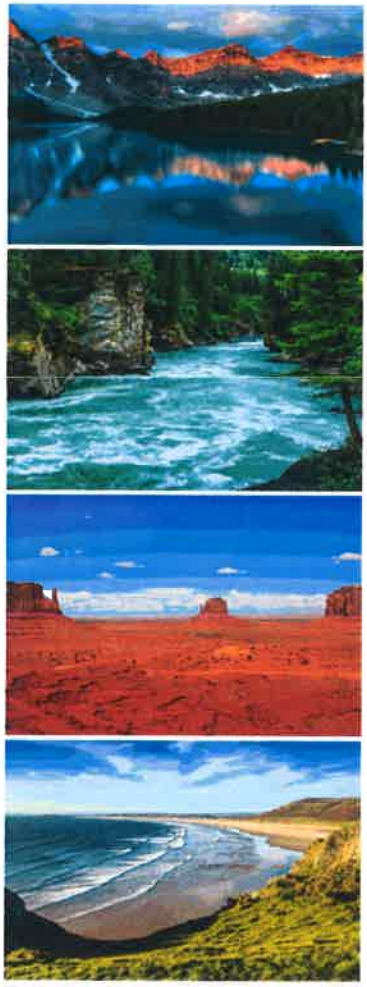
Released to Imaging: 4/19/2022 1:47:55 PM

Page 74 of 94

Report to:

Bryan Lovato



5796 U.S. Hwy 64
Farmington, NM 87401

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

NELAP ACCREDITED TNI LABORATORY

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Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name: LULU 002

Work Order: E109115

Job Number: 12035-0114

Received: 9/29/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/6/21

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)

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 75 of 94

Date Reported: 10/6/21

Bryan Lovato
2010 Afton Place
Farmington, NM 87401

Project Name: LULU 002
Workorder: E109115
Date Received: 9/29/2021 4:30:00PM

Bryan Lovato,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2021 4:30:00PM, under the Project Name: LULU 002.

The analytical test results summarized in this report with the Project Name: LULU 002 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

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tbrown@envirotech-inc.com

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 76 of 94

Table of Contents

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 77 of 94

Sample Summary

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/06/21 15:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB1 nw @ 2'	E109115-01A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.
SB1 nw @ 3'	E109115-02A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.
SB2 nw @ 1'	E109115-03A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.
SB2 nw @ 3'	E109115-04A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.
SB3 nw @ 1'	E109115-05A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.
SB3 nw @ 3'	E109115-06A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.
SB4 nw @ 1'	E109115-07A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.
SB4 nw @ 3'	E109115-08A	Soil	09/29/21	09/29/21	Glass Jar, 4 oz.

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 78 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

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 (2141015-BLK1)									Prepared: 10/05/21 Analyzed: 10/05/21
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	*7.69*		*8.00*		*96.1*	*70-130*			
LCS (2141015-BS1)									Prepared: 10/05/21 Analyzed: 10/05/21
Benzene	4.84	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.76	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.55	0.0500	10.0		95.5	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
Matrix Spike (2141015-MS1)				**Source: E109115-01**					Prepared: 10/05/21 Analyzed: 10/05/21
Benzene	4.98	0.0250	5.00	ND	99.6	54-133			
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	61-133			
Toluene	4.96	0.0250	5.00	ND	99.3	61-130			
o-Xylene	4.85	0.0250	5.00	ND	96.9	63-131			
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.7*	*70-130*			
Matrix Spike Dup (2141015-MSD1)				**Source: E109115-01**					Prepared: 10/05/21 Analyzed: 10/05/21
Benzene	5.06	0.0250	5.00	ND	101	54-133	1.71	20	
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133	1.45	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	1.58	20	
o-Xylene	4.92	0.0250	5.00	ND	98.5	63-131	1.58	20	
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	63-131	1.30	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131	1.39	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.3*	*70-130*			

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 79 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2141015-BLK1)									Prepared: 10/05/21 Analyzed: 10/05/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.04*		*8.00*		*88.0*	*70-130*			
LCS (2141015-BS2)									Prepared: 10/05/21 Analyzed: 10/05/21
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike (2141015-MS2)				**Source: E109115-01**					Prepared: 10/05/21 Analyzed: 10/05/21
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.10*		*8.00*		*88.8*	*70-130*			
Matrix Spike Dup (2141015-MSD2)				**Source: E109115-01**					Prepared: 10/05/21 Analyzed: 10/05/21
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	0.378	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.4*	*70-130*			

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QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

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 (2141019-BLK1)									Prepared: 10/05/21 Analyzed: 10/05/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
LCS (2141019-BS1)									Prepared: 10/05/21 Analyzed: 10/05/21
Diesel Range Organics (C10-C28)	519	25.0	500		104	38-132			
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			
Matrix Spike (2141019-MS1)				**Source: E109115-05**					Prepared: 10/05/21 Analyzed: 10/05/21
Diesel Range Organics (C10-C28)	535	25.0	500	ND	107	38-132			
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2141019-MSD1)				**Source: E109115-05**					Prepared: 10/05/21 Analyzed: 10/05/21
Diesel Range Organics (C10-C28)	559	25.0	500	ND	112	38-132	4.52	20	
Surrogate: n-Nonane	*51.3*		*50.0*		*103*	*50-200*			

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Released to Imaging: 4/19/2022 1:47:55 PM

Page 81 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/6/2021 3:28:11PM

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 (2141014-BLK1)									Prepared: 10/05/21 Analyzed: 10/05/21
Chloride	ND	20.0							
LCS (2141014-BS1)									Prepared: 10/05/21 Analyzed: 10/05/21
Chloride	244	20.0	250		97.4	90-110			
Matrix Spike (2141014-MS1)				**Source: E110012-01**					Prepared: 10/05/21 Analyzed: 10/05/21
Chloride	242	20.0	250	ND	97.0	80-120			
Matrix Spike Dup (2141014-MSD1)				**Source: E110012-01**					Prepared: 10/05/21 Analyzed: 10/05/21
Chloride	244	20.0	250	ND	97.7	80-120	0.723	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.

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Page 82 of 94

Definitions and Notes

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	10/06/21 15:28

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.

Received by OCD: 4/6/2022 10:13:06 AM

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Page 83 of 94

Envirotech Analytical Laboratory

Printed: 9/30/2021 3:39:07PM

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:	09/29/21 16:30	Work Order ID:	E109115
Phone:	(505) 320-6909	Date Logged In:	09/30/21 15:26	Logged In By:	Alexa Michaels
Email:	blovato@logosresourcesllc.com	Due Date:	10/06/21 17:00 (5 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	Carrier: Marie Florez
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	

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

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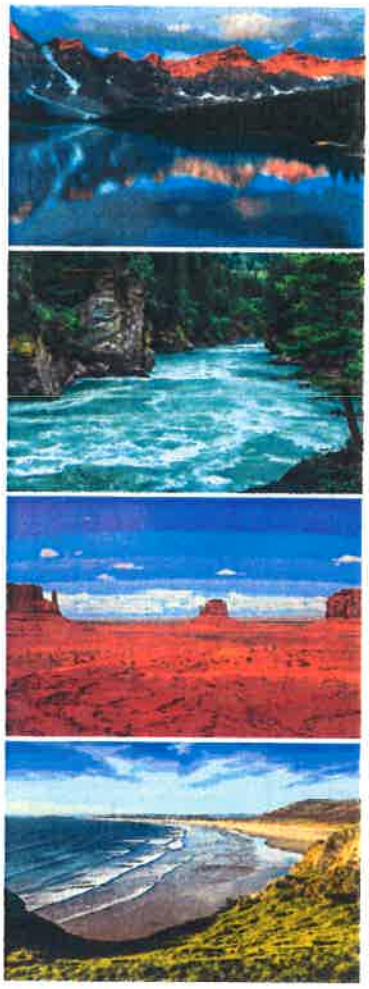
Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 84 of 94

Report to:

Bryan Lovato



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: LULU 002

Work Order: E112020

Job Number: 12035-0114

Received: 12/6/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/8/21

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)

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 85 of 94

Date Reported: 12/8/21

Bryan Lovato
2010 Afton Place
Farmington, NM 87401

Project Name: LULU 002
Workorder: E112020
Date Received: 12/6/2021 10:47:00AM

Bryan Lovato,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/6/2021 10:47:00AM, under the Project Name: LULU 002.

The analytical test results summarized in this report with the Project Name: LULU 002 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
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Cell: 775-287-1762
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Released to Imaging: 4/19/2022 1:47:55 PM

Page 86 of 94

Table of Contents

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 87 of 94

Sample Summary

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/08/21 16:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS 2 Wall North	E112020-01A	Soil	12/06/21	12/06/21	Glass Jar, 4 oz.
CS 3 Base	E112020-02A	Soil	12/06/21	12/06/21	Glass Jar, 4 oz.

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Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 88 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/8/2021 4:47:22PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2150009-BLK1)									Prepared: 12/06/21 Analyzed: 12/06/21
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	*6.98*		*8.00*		*87.3*	*70-130*			
LCS (2150009-BS1)									Prepared: 12/06/21 Analyzed: 12/06/21
Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.33	0.0250	5.00		107	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.1*	*70-130*			
Matrix Spike (2150009-MS1)				**Source: E112017-21**					Prepared: 12/06/21 Analyzed: 12/06/21
Benzene	4.94	0.0250	5.00	ND	98.7	54-133			
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133			
Toluene	5.24	0.0250	5.00	ND	105	61-130			
o-Xylene	5.00	0.0250	5.00	ND	99.9	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.82*		*8.00*		*97.7*	*70-130*			
Matrix Spike Dup (2150009-MSD1)				**Source: E112017-21**					Prepared: 12/06/21 Analyzed: 12/06/21
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	2.74	20	
Ethylbenzene	4.93	0.0250	5.00	ND	98.7	61-133	2.71	20	
Toluene	5.10	0.0250	5.00	ND	102	61-130	2.73	20	
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131	2.68	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	2.74	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131	2.72	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.1*	*70-130*			

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 89 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/8/2021 4:47:22PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2150009-BLK1)									Prepared: 12/06/21 Analyzed: 12/06/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.37*		*8.00*		*105*	*70-130*			
LCS (2150009-BS2)									Prepared: 12/06/21 Analyzed: 12/06/21
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.42*		*8.00*		*105*	*70-130*			
Matrix Spike (2150009-MS2)				**Source: E112017-21**					Prepared: 12/06/21 Analyzed: 12/06/21
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.29*		*8.00*		*104*	*70-130*			
Matrix Spike Dup (2150009-MSD2)				**Source: E112017-21**					Prepared: 12/06/21 Analyzed: 12/06/21
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	1.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.39*		*8.00*		*105*	*70-130*			

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 90 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/8/2021 4:47:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2150011-BLK1)									Prepared: 12/06/21 Analyzed: 12/07/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.6*		*50.0*		*111*	*50-200*			
LCS (2150011-BS1)									Prepared: 12/06/21 Analyzed: 12/07/21
Diesel Range Organics (C10-C28)	547	25.0	500		109	38-132			
Surrogate: n-Nonane	*56.3*		*50.0*		*113*	*50-200*			
Matrix Spike (2150011-MS1)				**Source: E112017-24**					Prepared: 12/06/21 Analyzed: 12/08/21
Diesel Range Organics (C10-C28)	569	25.0	500	ND	114	38-132			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.2*	*50-200*			
Matrix Spike Dup (2150011-MSD1)				**Source: E112017-24**					Prepared: 12/06/21 Analyzed: 12/08/21
Diesel Range Organics (C10-C28)	569	25.0	500	ND	114	38-132	0.00494	20	
Surrogate: n-Nonane	*51.0*		*50.0*		*102*	*50-200*			

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 91 of 94

QC Summary Data

Logos Resources	Project Name:	LULU 002	**Reported:**
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/8/2021 4:47:22PM

Anions by EPA 300.0/9056A

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 (2150013-BLK1)									Prepared: 12/06/21 Analyzed: 12/07/21
Chloride	ND	20.0							
LCS (2150013-BS1)									Prepared: 12/06/21 Analyzed: 12/07/21
Chloride	244	20.0	250		97.6	90-110			
Matrix Spike (2150013-MS1)				**Source: E112020-01**					Prepared: 12/06/21 Analyzed: 12/07/21
Chloride	581	20.0	250	347	93.6	80-120			
Matrix Spike Dup (2150013-MSD1)				**Source: E112020-01**					Prepared: 12/06/21 Analyzed: 12/07/21
Chloride	591	20.0	250	347	97.7	80-120	1.77	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.

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 92 of 94

Definitions and Notes

Logos Resources	Project Name:	LULU 002	
2010 Afton Place	Project Number:	12035-0114	**Reported:**
Farmington NM, 87401	Project Manager:	Bryan Lovato	12/08/21 16:47

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.

Received by OCD: 4/6/2022 10:13:06 AM

Released to Imaging: 4/19/2022 1:47:55 PM

Page 93 of 94

Envirotech Analytical Laboratory

Printed: 12/6/2021 12:32:51PM

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:	12/06/21 10:47	Work Order ID:	E112020
Phone:	(505) 320-6909	Date Logged In:	12/06/21 12:29	Logged In By:	Alexa Michaels
Email:	blovato@logosresourcesllc.com	Due Date:	12/07/21 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	Carrier: Marie Florez
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	

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

Comments/Resolution

Client Instruction

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

Date

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District I
1625 N. French Dr., Hobbs, NM 88240
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District IV
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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 96400

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 96400
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	4/19/2022