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	

Volume/Weight Recovered (provide units)

Release Notification

		13	Resp	onsible Par	rty
Responsible Party: LOGOS Operating, LLC				OGRID:	: 289408
Contact Name: Vanessa Fields				Contact	Telephone (505) 320-1243
Contact emai	l: vfields@l	ogosresourcesllc.c	om	Incident	t # (assigned by OCD) NRM2003837115
Contact mail	ing address:	2010 Afton Pl Fai	mington, NM 874	101	
Location of Release Source					
Latitude 36.19	Latitude 36.1954422 Longitude -107.4967346				
Site Name: Lu	u-Lu #002			Site Typ	pe: Well Gas
Date Release Discovered 1/16/2020				API# (if a	applicable) 30-043-20655
Unit Letter Section Township Range			Range	Со	ounty
L 29 23N 06W		San	ndoval		
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				The state of the best owners and the last of the state of	Volume Recovered (bbls) ~5 BBLS
Produced	☐ Produced Water Volume Released (bbls)			Volume Recovered (bbls)	
Is the concentration of dissolved chlorid produced water >10,000 mg/l?		hloride in the	☐ Yes ☐ No		
Condensa	Condensate Volume Released (bbls)			Volume Recovered (bbls)	
Natural Gas Volume Released (Mcf)			d (Mcf)		Volume Recovered (Mcf)

Volume/Weight Released (provide units)

Cause of Release: Manifold blew on separator causing fluid to spray on location.

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

Other (describe)



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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?		
Yes No			
If YES, was immediate no	otice 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 rele	ease has been stopped.		
The impacted area ha	s been secured to protect human health and the environment.		
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.		
All free liquids and re	ecoverable materials have been removed and managed appropriately.		
If all the actions describe	d above have not been undertaken, explain why:		
	AC 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	a Farrell Title:Environmental/Regulatory Technician		
Signature:See initial C-141 submitted to NMOCD personal change Date: _1/31/2020			
email;lfarrell@logosre	resourcesllc.com Telephone: _ (505) 787-2027		
Vanossa T	relation Telephone: _(505) 787-2027 Fields For Lansse Fame (505) 787-2027		
OCD Only			
Received by:	Date:		

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



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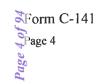
Site Assessment/Characterization

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?		
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	
	☐ 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.		

	<u>Ch</u>	aracterization 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
Z	\boxtimes	Depth to water determination
Z	\boxtimes	Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
Š	\boxtimes	Boring or excavation logs
?		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
9	\boxtimes	Topographic/Aerial maps
7	\boxtimes	Laboratory data including chain of custody

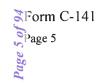
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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.



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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: Regulatory Manager Printed Name: Vanesa Fields Signature Date: 4/5/2022 email: vfields@logosresourcesllc.com Telephone: _505-320-1243_____ OCD Only Received by: Date: ____



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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.				
 ☑ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation points ☐ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 				
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.				
Deterral Requests Only. Luch of the following tiems 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:				
email:vfields@logosresourcesllc.comTelephone:505-320-1243				
OCD Only				
Received by: Date:				
Approved Approved with Attached Conditions of Approval Denied Deferral Approved				
Signature: Date:				



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

must be notified 2 days prior to liner inspection)

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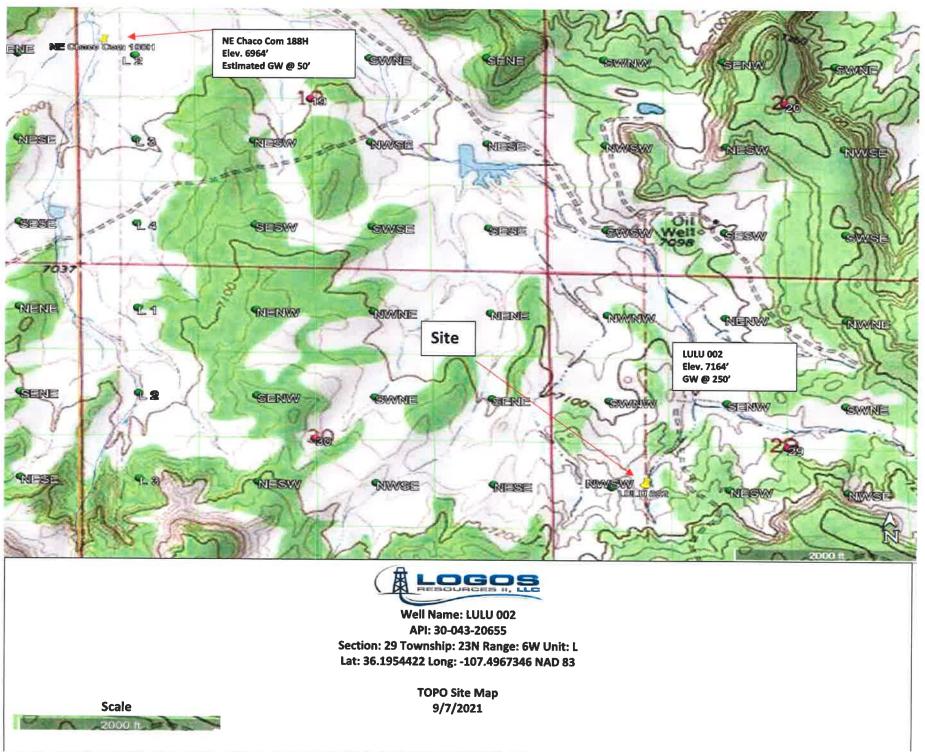
Closure

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

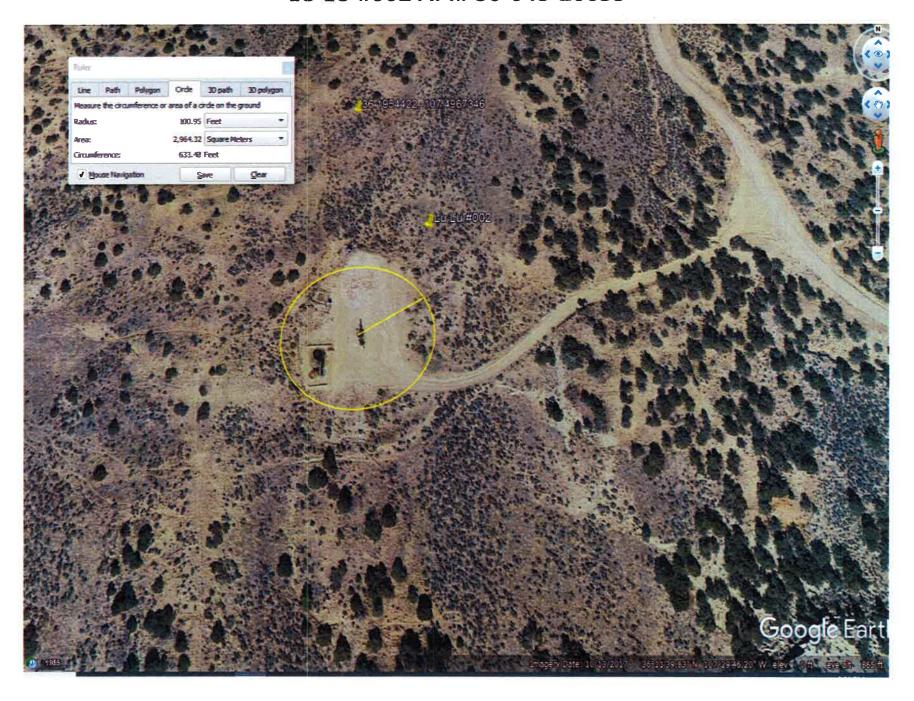
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office

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

Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in		
Printed Name: Vanessa_Fields	Title:Regulatory Manager		
Signature:	Date:4/5/2022		
email: vfields@logosresourcesllc.com Teleph	one: 505-320-1243		
OCD Only			
4	D		
Received by:	Date:		
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate an remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: Date: 04/19/2022			
	Date.		
Closure Approved by: Nelson Velez Printed Name: Nelson Velez	Title: Environmental Specialist – Adv		
9			
Printed Name: Nelson Velez			



LU LU #002 API# 30-043-20655



National Flood Hazard Layer FIRMette





Legend SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE. AO. AH. VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 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 OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone E NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zon - - - Channel, Culvert, or Storm Sewer

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

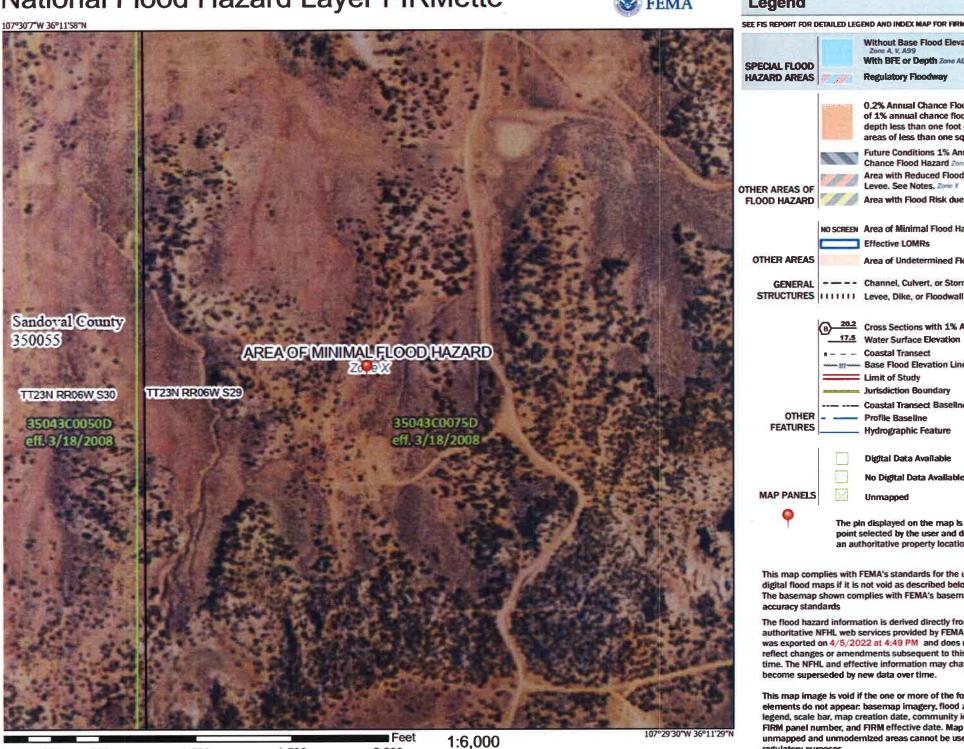
Digital Data Available No Digital Data Available MAP PANELS Unmapped

The pin displayed on the map is an approximat point selected by the user and does not represe 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.



Tha

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.

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

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,

Marie E. Florez

Regulatory Specialist Cell: 505-419-8420 Office: 505-787-2218

mflorez@logosresourcesllc.com





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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			8/17/2021	Analytical	Results			
Sample	Date	Sample	EPA Meth	od 8015	EPA Meth	od 8021	EPA Method 300.0	
Description	8/17/2021	Depth See below	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
19.15	5.29.13 (D) NM	AC		100 mg/kg		10 mg/kg	50 mg/kg	600 mg/kg
19.:	15.29.12 NMA		1000	mg/kg				10,000
			A Tall-bus	2500 mg/kg			Winds of the	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	L Analytical F	Results	William I		Mr Shigh
Sample	Date	Sample	EPA Metho	d 8015	EPA Metho	d 8021	EPA Metho	d 300.0
Description	9/14/2021	Depth 3'	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
19.15	.29.13 (D) NMA	C		100 mg/kg	inter to / Life	10 mg/kg	50 mg/kg	600 mg/kg
19.	15.29.12 NMAC		1000	mg/kg 2500 mg/kg				10,000 mg/kg
CS 1 @1'	9/14/2021	8 - 15 00	ND	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

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 Sa	mple Re	sults				
Sample	Date	Sample	EPA Met	hod 8015	EPA Met	hod 8021	EPA Method 300.0		
Description	12/6/2021	Depth 4'	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	
19.15.	29.13 (D) NM	AC		100 mg/kg		10 mg/kg	50 mg/kg	600 mg/kg	
19.1	5.29.12 NMA	С	1000	mg/kg	X CLUP S			10,000	
				2500 mg/k	g			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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	Closure Criteria for S	oils 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,

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

Vanessa Fields Regulatory Manager Cell: 505-320-1243



9/7/2021

nmwrrs.ose.state.nm.us/nmwrrs/ReportProxy?queryData=%7B"report"%3A"waterColumn"%2C%0A"BasinDiv"%3A"true"%2C%0A"Basin"%3A""%2C%0A"County"%3A""%2C%0A"Sub basi...



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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Sub-

SJ

SJ

POD Number Code SJ 01506

closed)

QQQ

basin County 64 16 4 Sec Tws Rng

1 1 3 22 23N 06W 2 2 1 18 23N 06W

278535 4010015* 274330 4012555*

X

3623 4295

1500

280

DistanceDepthWellDepthWater Column

200 1300

Water

Average Depth to Water:

200 feet

Minimum Depth:

200 feet

Maximum Depth:

200 feet

Record Count: 2

SJ 01156

UTMNAD83 Radius Search (in meters):

Easting (X): 275305

Northing (Y): 4008372

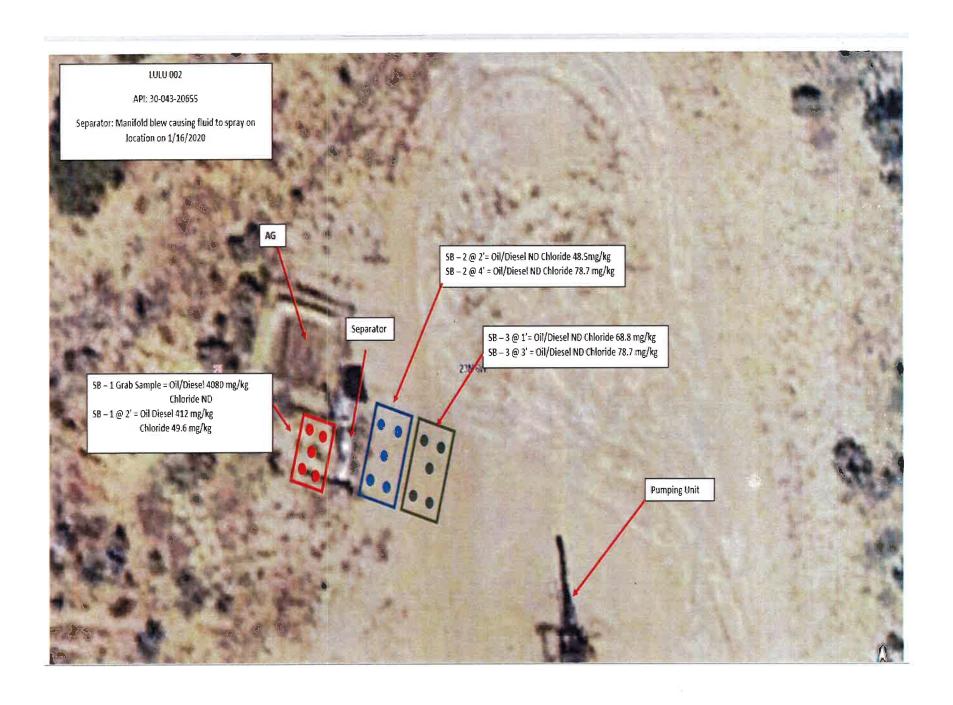
Radius: 5000

*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



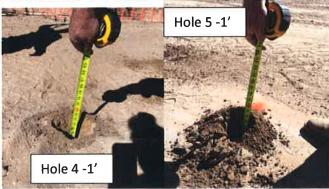
Dilenated in front of Separator

9/14/2021 - Results

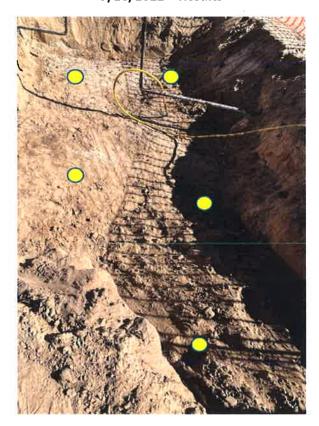
CS 1 @ 1' - Passed CS 1 @ 3' - Passed



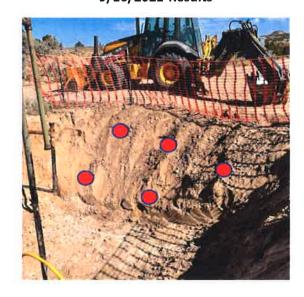




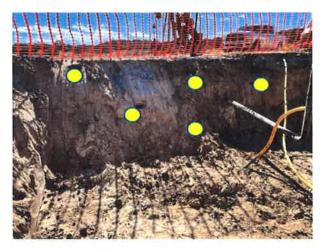
CS 2 Base – Passed 9/16/2021 – Results



CS 2 Wall North - Failed 9/16/2021-Results

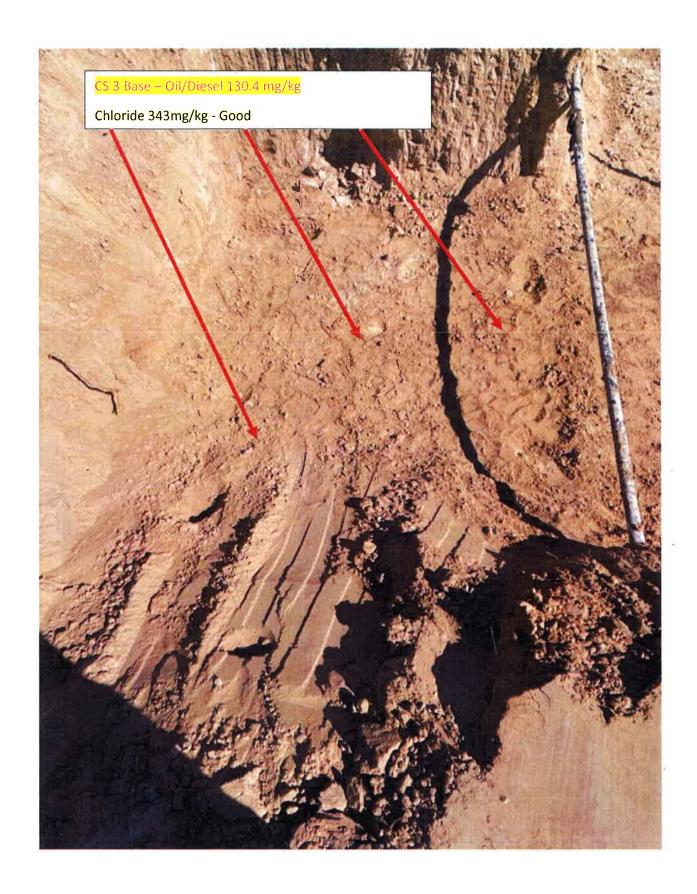




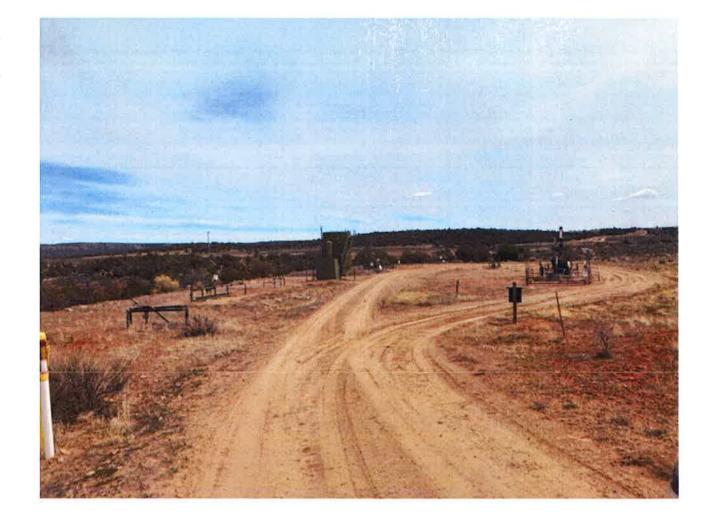


CS 2 Wall East 2- Passed 9/16/2021-Results









Sample Data

Logos Reso	irces	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

	E100033-01				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2133043
ND	0.0250	(1)	08/14/21	08/15/21	
ND	0.0250	1	08/14/21	08/15/21	
ND	0.0250	1	08/14/21	08/15/21	
ND	0.0250	1	08/14/21	08/15/21	
ND	0.0500	1	08/14/21	08/15/21	
ND	0.0250	1	08/14/21	08/15/21	
	93.8 %	70-130	08/14/21	08/15/21	
mg/kg	mg/kg	An	alyst: RKS		Batch: 2133043
ND	20.0	1	08/14/21	08/15/21	
	111 %	70-130	08/14/21	08/15/21	
mg/kg	mg/kg	An	alyst: JL		Batch; 2134005
2470	25.0	1)	08/15/21	08/15/21	
1610	50.0	10)	08/15/21	08/15/21	
	124 %	50-200	08/15/21	08/15/21	
mg/kg	mg/kg	An	alyst: IY		Batch: 2134011
	mg/kg ND ND ND ND ND ND Mg/kg ND mg/kg 1610	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 93.8 % mg/kg mg/kg ND 20.0 111 % mg/kg mg/kg mg/kg 2470 25.0 1610 50.0 124 %	Reporting Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg An ND 20.0 1 111 % 70-130 mg/kg mg/kg An 2470 25.0 1 1610 50.0 1 124 % 50-200	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 08/14/21 ND 0.0250 1 08/14/21 ND 0.0250 1 08/14/21 ND 0.0500 1 08/14/21 ND 0.0250 1 08/14/21 MD 0.0250 1 08/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/14/21 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL 2470 25.0 1 08/15/21 1610 50.0 1 08/15/21	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 08/14/21 08/15/21 ND 0.0250 1 08/14/21 08/15/21 ND 0.0250 1 08/14/21 08/15/21 ND 0.0500 1 08/14/21 08/15/21 ND 0.0250 1 08/14/21 08/15/21 MD 0.0250 1 08/14/21 08/15/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/14/21 08/15/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/14/21 08/15/21 mg/kg mg/kg Analyst: JL 2470 25.0 1 08/15/21 08/15/21 1610 50.0 1 08/15/21 08/15/21 124 % 50-200 08/15/21 08/15/21



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

SB-1 at 2' E108035-02

	E100033-02				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2133043
ND	0.0250	9	08/14/21	08/15/21	
ND	0.0250	Ac.	08/14/21	08/15/21	
ND	0.0250	4.	08/14/21	08/15/21	
ND	0.0250	14.	08/14/21	08/15/21	
ND	0.0500	(1)	08/14/21	08/15/21	
ND	0.0250	1	08/14/21	08/15/21	
	91.3 %	70-130	08/14/21	08/15/21	
mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2133043
ND	20.0	1	08/14/21	08/15/21	
	112 %	70-130	08/14/21	08/15/21	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2134005
155	25.0	1	08/15/21	08/16/21	
257	50.0	1	08/15/21	08/16/21	
	123 %	50-200	08/15/21	08/16/21	
mg/kg	mg/kg	Ала	lyst; IY		Batch: 2134011
49.6	20.0	1	08/16/21	08/16/21	
	mg/kg ND ND ND ND ND ND Mg/kg ND mg/kg 155 257	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 91.3 % mg/kg ND 20.0 112 % mg/kg mg/kg mg/kg 155 25.0 257 50.0 123 % mg/kg mg/kg mg/kg	Result Reporting Limit Dilution mg/kg mg/kg Analog ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 91.3 % 70-130 mg/kg mg/kg Ana ND 20.0 1 112 % 70-130 mg/kg mg/kg Ana 155 25.0 1 257 50.0 1 123 % 50-200 mg/kg mg/kg Ana	Reporting Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 08/14/21 ND 0.0250 1 08/14/21 ND 0.0250 1 08/14/21 ND 0.0250 1 08/14/21 ND 0.0500 1 08/14/21 ND 0.0250 1 08/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/14/21 mg/kg mg/kg Analyst: JL 155 25.0 1 08/15/21 257 50.0 1 08/15/21 mg/kg mg/kg Analyst: JV	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 08/14/21 08/15/21 ND 0.0250 1 08/14/21 08/15/21 ND 0.0250 1 08/14/21 08/15/21 ND 0.0500 1 08/14/21 08/15/21 ND 0.0250 1 08/14/21 08/15/21 ND 0.0250 1 08/14/21 08/15/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/14/21 08/15/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/14/21 08/15/21 mg/kg mg/kg Analyst: JL 155 25.0 1 08/15/21 08/16/21 257 50.0 1 08/15/21 08/16/21 mg/kg mg/kg Analyst: IY 08/16/21



 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

		E100035-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anatyce	Kesun	Linkt	Dilation	repared	7 mary 200	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst; 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	Analy	st: RKS		Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	I	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	Analy	st: JL		Batch: 2134005
Diesel Range Organics (C10-C28)	ND	25.0	I	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	Analy	st: IY		Batch: 2134011
Chloride	48.5	20.0	1	08/16/21	08/16/21	



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

SB-2 at 4' E108035-04

		E100035-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: IY		Batch: 2134011
Chloride	78.7	20.0	1	08/16/21	08/16/21	



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Reported:

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

		E108035-05				
		Reporting	g			
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: RKS		Batch: 2133043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/21	08/1-5/21	
Surrogate: I-Chloro-4-fluorobenzene-FID		114 %	70-130	08/14/21	08/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	An	alyst: IY		-Batch: 2134011
Chloride	68.8	20.0	(1)	08/16/21	08/16/21	



envirotech Inc.

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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:	Robert Jordan	8/17/2021 5:01:56PM

SB-3 at 3' E108035-06

		E100033-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		est: 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	Analy	rst: 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	Analy	rst: 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	Analy	rst: IY		Batch: 2134011
Chloride	68.1	20.0	1	08/16/21	08/16/21	0

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	9/16/2021 12:58:03PM

CS 1 @ 1' E109039-01

		E109039-01				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	E	09/14/21	09/14/21	
Total Xylenes	ND	0.0250	Į.	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	Analy	st: 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	Analy	st; JL		Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25.0	I	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	Analy	st: 1Y		Batch: 2138025
Chloride	34.9	20.0	Ĩ	09/15/21	09/15/21	



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				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2138018
Benzene	ND	0.0250	1	09/14/21	09/14/21	
Ethylbenzene	ND	0.0250	Ĩ.	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	Analy	st: RKS		Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20,0	Ĭ.	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	АлаІу	st: 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	Analy	st: IY		Batch: 2138025
Chloride	60.9	20.0	1	09/15/21	09/15/21	



 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

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2138018
ND	0.0250	Ĭ	09/14/21	09/14/21	
ND	0.0250	Ĭ	09/14/21	09/14/21	
ND	0.0250	Ī	09/14/21	09/14/21	
ND	0.0250	1	09/14/21	09/14/21	
ND	0.0500	1	09/14/21	09/14/21	
ND	0.0250	1	09/14/21	09/14/21	
	98.1 %	70-130	09/14/21	09/14/21	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2138018
ND	20.0	1	09/14/21	09/14/21	
	104 %	70-130	09/14/21	09/14/21	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2138019
26.9	25.0	1	09/14/21	09/14/21	
ND	50,0	1	09/14/21	09/14/21	
	104 %	50-200	09/14/21	09/14/21	
	//	Ana	lyst: IY		Batch: 2138025
mg/kg	mg/kg	Alla	1yst. 11		Batch. 2136023
	mg/kg ND ND ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 98.1 % mg/kg mg/kg ND 20.0 104 % mg/kg mg/kg Mg/kg 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Ana ND 20.0 1 104 % 70-130 mg/kg mg/kg Ana 26.9 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0500 1 09/14/21 ND 0.0250 1 09/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/14/21 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL 26.9 25.0 1 09/14/21 ND 50.0 1 09/14/21	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/14/21 09/14/21 ND 0.0500 1 09/14/21 09/14/21 ND 0.0250 1 09/14/21 09/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/14/21 09/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/14/21 09/14/21 mg/kg mg/kg Analyst: JL 26.9 25.0 1 09/14/21 09/14/21 09/14/21 09/14/21 09/14/21 09/14/21 09/14/21



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

Dacult	Reporting	Dilution	Prepared	Analyzed	Notes
	Lillin			rmaryzed	
mg/kg	mg/kg	Analyst	: RKS		Batch: 2138018
ND	0.0250	1	09/14/21	09/14/21	
ND	0.0250	t t	09/14/21	09/14/21	
ND	0.0250	1	09/14/21	09/14/21	
ND	0.0250	i	09/14/21	09/14/21	
ND	0.0500	i i	09/14/21	09/14/21	
ND	0.0250	Ĩ	09/14/21	09/14/21	
	106 %	70-130	09/14/21	09/14/21	
mg/kg	mg/kg	Analysi	t: RKS		Batch: 2138018
ND	20.0	L	09/14/21	09/14/21	
	102 %	70-130	09/14/21	09/14/21	
mg/kg	mg/kg	Analys	e JL		Batch: 2138019
ND	25.0	l	09/14/21	09/14/21	
ND	50.0	1	09/14/21	09/14/21	
	105 %	50-200	09/14/21	09/14/21	
			33		
mg/kg	mg/kg	Analys	t: IY		Batch: 2138025
	ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 20.0250 MD 20.0 102 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 70-130 - mg/kg mg/kg Analyst ND 20.0 1 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0500 1 09/14/21 ND 0.0250 1 09/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/14/21 mg/kg mg/kg Analyst: JL ND 25.0 1 09/14/21 ND 50.0 1 09/14/21	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/14/21 09/14/21 ND 0.0250 1 09/14/21 09/14/21 ND 0.0250 1 09/14/21 09/14/21 ND 0.0500 1 09/14/21 09/14/21 ND 0.0250 1 09/14/21 09/14/21 ND 0.0250 1 09/14/21 09/14/21 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/14/21 09/14/21 mg/kg mg/kg Analyst: RKS ND 25.0 1 09/14/21 09/14/21 ND 25.0 1 09/14/21 09/14/21 ND 50.0 1 09/14/21 09/14/21



Sample Data

ì	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

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: RKS		Batch: 2138018
ND	0.0250	T.	09/14/21	09/14/21	
ND	0.0250	E	09/14/21	09/14/21	
ND	0.0250	Ĩ	09/14/21	09/14/21	
ND	0.0250	1	09/14/21	09/14/21	
ND	0.0500	Î.	09/14/21	09/14/21	
ND	0.0250	1°	09/14/21	09/14/21	
	105 %	70-130	09/14/21	09/14/21	
mg/kg	mg/kg Ana		Analysi: RKS		Batch: 2138018
ND	20.0	T)	09/14/21	09/14/21	
	102 %	70-130	09/14/21	09/14/21	
mg/kg	mg/kg Analyst: JL			Batch: 2138019	
ND	25.0	10	09/14/21	09/14/21	
ND	50.0	ľ	09/14/21	09/14/21	
	101 %	50-200	09/14/21	09/14/21	
mg/kg	mg/kg	Analy	st: IY		Batch: 2138025
85.7	20.0	I	09/15/21	09/15/21	
	ND ND ND ND ND ND ND Mg/kg ND mg/kg	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I05 % mg/kg mg/kg ND 20.0 I02 % mg/kg ND 25.0 ND 50.0 I01 % mg/kg mg/kg mg/kg	ND	ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0250 1 09/14/21 ND 0.0500 1 09/14/21 ND 0.0250 1 09/14/21 mg/kg Malyst: RKS ND 20.0 1 09/14/21 mg/kg Malyst: JL ND 25.0 1 09/14/21 ND 25.0 1 09/14/21 ND 50.0 1 09/14/21 ng/kg Mg/kg Analyst: JL	ND 0.0250 I 09/14/21 09/14/21 ND 0.0500 I 09/14/21 09/14/21 ND 0.0250 I 09/14/21 09/14/21 ND 0.0250 I 09/14/21 09/14/21 MB/kg mg/kg Analyst: RKS ND 20.0 I 09/14/21 09/14/21 102 % 70-130 09/14/21 09/14/21 mg/kg mg/kg Analyst: JL ND 25.0 I 09/14/21 09/14/21 ND 25.0 I 09/14/21 09/14/21 ND 50.0 I 09/14/21 09/14/21 mg/kg mg/kg Analyst: JL



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

		E107037-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Anal	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	18	09/14/21	09/15/21	
p,m-Xylene	ND	0.0500	ĬŠ.	09/14/21	09/15/21	
Total Xylenes	ND	0.0250	E	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	АлаІ	yst: RKS		Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	Ď	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	Anal	yst: JL		Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25,0	t ij	09/14/21	09/14/21	
Oil Range Organics (C28-C36)	ND	50,0	1/2	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	Anal	yst: IY		Batch: 2138025
Chloride	ND	20.0	Ī	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

	E109039-07					
	p. 1.	Reporting		D1	A1	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	î	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	Anal	yst: 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	Anal	yst: 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	Anal	yst: IY		Batch: 2138025
Chloride	343	20.0	Ĩ	09/15/21	09/15/21	



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	Anal	yst: RKS		Batch: 2138018
Benzene	ND	0.0250	I ii	09/14/21	09/15/21	
Ethylbenzene	ND	0.0250	I.	09/14/21	09/15/21	
Toluene	ND	0.0250	10	09/14/21	09/15/21	
o-Xylene	ND	0.0250	I.	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	Anal	yst: RKS		Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20,0	Ŋ.	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	Anal	yst: JL		Batch: 2138019
Diesel Range Organics (C10-C28)	30.8	25.0	Į.	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	Anal	yst: IY		Batch: 2138025
Chloride	ND	20.0	Ĩ	09/15/21	09/15/21	



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				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Апа	alyst: RKS		Batch: 2138018
Benzene	ND	0.0250	1/2	09/14/21	09/15/21	
Ethylbenzene	ND	0.0250	4	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	Апа	alyst: RKS		Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	i	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	Ana	alyst: 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	Ana	alyst: IY		Batch: 2138025
Chloride	ND	20.0	1	09/15/21	09/15/21	



 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

		E109039-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		st: RKS		Batch: 2138018
Volatile Organics by EPA 8021B	ND	0.0250	Ÿ.	09/14/21	09/15/21	
Benzene	ND	0.0250	ï	09/14/21	09/15/21	
Ethylbenzene Foluene	ND	0.0250	î	09/14/21	09/15/21	
o-Xylene	ND	0.0250	1	09/14/21	09/15/21	
p,m-Xylene	ND	0.0500	ĭ	09/14/21	09/15/21	
Total Xylenes	ND	0.0250	Ĭ	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	Analy	st: RKS		Batch: 2138018
Gasoline Range Organics (C6-C10)	ND	20.0	11	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	Analy	st: JL		Batch: 2138019
Diesel Range Organics (C10-C28)	ND	25,0	Œ.	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	Апају	st: IY		Batch: 2138025
Chloride	ND	20.0	- A	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	10/6/2021 3:28:11PM

SB1 nw @ 2' E109115-01

		E109113-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Amaryte	Result	Billit	Dilation	Tropurou	Timily Edd	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	Ĩ	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	Analy	st: 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	Analy	st: 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	Analy	st: RAS		Batch: 2141014
Chloride	105	20.0	Ĩ	10/05/21	10/05/21	



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

	E109115-02				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Апа	lyst: IY		Batch: 2141015
ND	0.0250	1	10/05/21	10/05/21	
ND	0.0250	1	10/05/21	10/05/21	
ND	0.0250	1	10/05/21	10/05/21	
ND	0.0250	1	10/05/21	10/05/21	
ND	0.0500	1	10/05/21	10/05/21	
ND	0.0250	3	10/05/21	10/05/21	
	96.8 %	70-130	10/05/21	10/05/21	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2141015
ND	20.0	1	10/05/21	10/05/21	
	88.0 %	70-130	10/05/21	10/05/21	
mg/kg	mg/kg	Апа	lyst: JL		Batch: 2141019
ND	25.0	1	10/05/21	10/05/21	
ND	50.0	1	10/05/21	10/05/21	
	109 %	50-200	10/05/21	10/05/21	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2141014
185	20.0	1	10/05/21	10/05/21	
	mg/kg ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 96.8 % mg/kg mg/kg ND 20.0 88.0 % mg/kg ND 25.0 ND 50.0 109 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Ana ND 20.0 1 88.0 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 109 % 50-200 1 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/21 ND 0.0250 1 10/05/21 ND 0.0250 1 10/05/21 ND 0.0500 1 10/05/21 ND 0.0250 1 10/05/21 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/21 88.0 % 70-130 10/05/21 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/21 mg/kg mg/kg Analyst: JL ND 25.0 1 10/05/21 ND 50.0 1 10/05/21 ND 50.0 1 10/05/21 mg/kg mg/kg Analyst: RAS	Reporting Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/21 10/05/21 ND 0.0250 1 10/05/21 10/05/21 ND 0.0250 1 10/05/21 10/05/21 ND 0.0500 1 10/05/21 10/05/21 ND 0.0250 1 10/05/21 10/05/21 ND 0.0250 1 10/05/21 10/05/21 ND 0.0250 1 10/05/21 10/05/21 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/21 10/05/21 ND 20.0 1 10/05/21 10/05/21 10/05/21 mg/kg mg/kg Analyst: JL ND 25.0 1 10/05/21 10/05/21 ND 50.0 1 10/05/21 10/05/21 10/05/21 ND 50.0 1 <t< td=""></t<>



Sample Data

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

SB2 nw @ 1'

		E109115-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	3.	10/05/21	10/05/21	
Total Xylenes	ND	0.0250	3	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	Analys	st: IY		Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	ĩ	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	Analys	st: 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	Analys	st: RAS		Balch: 2141014
Chloride	ND	20.0	1	10/05/21	10/05/21	



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				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	I.	10/05/21	10/05/21	
Toluene	ND	0.0250	I.	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	È	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	Апаlу	st: 1Y		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	Analy	st: JL		Batch; 2141019
Diesel Range Organics (C10-C28)	ND	25.0	10	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	Analy	st: RAS		Batch: 2141014
Chloride	ND	20.0	Ĭ.	10/05/21	10/05/21	

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				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2141015
Benzene	ND	0.0250	1	10/05/21	10/05/21	
Ethylbenzene	ND	0.0250	Ē	10/05/21	10/05/21	
Toluene	ND	0.0250	i.	10/05/21	10/05/21	
o-Xylene	ND	0.0250	1	10/05/21	10/05/21	
o,m-Xylene	ND	0.0500	15	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	Analy	yst: 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	Analy	yst: JL		Batch: 2141019
Diesel Range Organics (C10-C28)	ND	25.0	10	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	Analy	yst: RAS		Batch: 2141014
Chloride	235	20.0	Ĩ	10/05/21	10/05/21	



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				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
o,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	Ana	alyst: IY		Batch: 2141015
Gasoline Range Organics (C6-C10)	ND	20.0	Ï	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	Ana	alyst: 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	Ana	alyst: RAS		Batch: 2141014
Chloride	999	20.0	1	10/05/21	10/05/21	



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				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	ĭ	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	Ĩ	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	Analys	t: 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	Analys	it: 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	Analys	it: RAS		Batch: 2141014
Chloride	931	20.0	1	10/05/21	10/05/21	



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				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2141015
Benzene	ND	0.0250	Ĭ	10/05/21	10/06/21	
Ethylbenzene	ND	0.0250	I	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	Analys	t: 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	Analys	t: 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	Analys	ı; RAS		Batch: 2141014
Chloride	570	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	Đ	12/8/2021 4:47:22PM

CS 2 Wall North

E112020-01

		E112020-01				
Analyte	P. 1.	Reporting				
Thiasyce	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	L	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	Analy	yst: 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	Analy	/st: 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	Апаly	st: IY		Batch: 2150013
Chloride	347	20.0	(1)	12/06/21	12/07/21	



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

		E112020-02				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: 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	ì	12/06/21	12/06/21	
o-Xylene	ND	0.0250	i	12/06/21	12/06/21	
o,m-Xylene	ND	0.0500	ű	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	Ar	nalyst: RKS		Batch: 2150009
Gasoline Range Organics (C6-C10)	ND	20.0	4	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	Ar	nalyst: 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	ī	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	An	alyst: IY		Batch: 2150013
Chloride	520	20.0	i	12/06/21	12/07/21	



Ph (505) 532-1381 Fx (505) 632-1865

Bill To

EPA Program

envirotech-inc com

labadmin@envirolech-inc.com

Client:	LOGOS Res	ources II,	LLC		80		Bi	ll To			13	L	ab Us	e On	ly	Mili	230	TAT		EI	A Prog	ram	
Project:	ject: LULU 002 ject Manager: Bryan Lovato Address: 2010 Afton P							to		Lab	WO#	1		Job			1	D 30	R	CRA	CWA	SI	DWA
Project N	Manager: Br	yan Lova	ito		3	Add	ress: 2010 Afton	Place		PI	wo!	1035	,	120	135	-011	4						
Address:	2010 Aft	on Place				City	, State, Zip Far	mington NM 8	7401	h 8	2121			Analy	rsis aı	nd Met	thod					State	
City, Stat	te, Zip Farm	ington, N	IM 87401		100	Pho	ne: 505-324-414	15		P			i							T	NM C	דט כ	Γ AZ
Phone: 5	505-320-690)9			15	Ema	ail: etrujillo@logo	sresourcesllc.c	om	13	15												
Email: rj	iordan@log	osresoure	cesllc.com	1	10	tse	ssions@logosresou	ircesllc.com		%	8	17	G)	ا ا	0.0						TX O	K	
Report d	lue by:				1	mfl	orez@logosresour	cesllc.com		ြို့	ြို့	80	826	09	e 30				1				
Time Sampled	Date Sampled	Matrix	No Containers	Sample II					Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						Re	emark	s
11:51	8/11/2021		3 -4oz jai			20	ib		1	x	х	х			x								
1:50	8/11/2021	S	2-4oz jai	SB-1 at		1			2	x	х	x			x								
12:35	8/11/2021	S		SB-2 at 2					3	x	х	x			х								
1',01	8/11/2021	s	2-4oz jai	SB-2 at 4	ľ				4	x	х	x			x								
1:15	8/11/2021		2-4oz ja						5	х	х	x			х				-				
1:35	8/11/2021	S	2 -4oz jai	SB-3 at 4	4 3'				6	х	х	х			×								V
_	8/11/2021	5	1-4oz jai	SB-4 at 3	2'					X,	×	X			×	_							
	8/44/2021	- 5	1-402 jai	SB 4 at 4	5					X	Х	X.			×								
	8/11/2021	-5	1-4oz jai	SBADAL						×	X	×	=		3								
	8/11/2021	-5	1-40z jai	58-5 at	Ľ.					X	×	×			=X_		1		T				
Addition	nal Instruction	ons:		1			j.													-1			
	ler), attest to the vi						with or intentionally mislabe	lling the sample location	n, date or							**					day they are		nt
	ediby/(Signate		Date		Time	,	Received by Signatu	irela	Date		Time		_	4561	100	(F)		Lab	Jse O	nlv	A		ni je
TAA71	150	an	- 3		811	21	Mae	C.	3:13		8/	11/2	1	Rece	ived	on ice	P.	(Y)					
Relinguish	ed by: (Signatu	ire)	Date		Time	14	Received by: (Signatu	ire)	Date		Time	-				27/11/1	THE OLD	9	Eng.				
		11.520												T1			Т	2			T3		
Relinquish	ed by: (Signatu	re)	Date		Time		Received by: (Signatu	ire)	Date		Time			AVG	Tem	p°C_	4.0						
Sample Mat	trix: S - Soil, Sd - :	Solid, Sg - Slu	rdge, A - Agu	eous, O - Oth	er				Containe	r Type	e: g - 1	glass,							- VO	4			
						rrangem	ents are made. Hazardou	s samples will be ret													samples is	applica	ible
							boratory is limited to the																

STOR US Highway 64, Farmington, NW 37401
24 Hour Emergency Response Phone (600) 362-1379

Page 20 of 21

Client: LOGOS Resou	arces II, L	.LC		100/20		Bill To		112		Li	ab Us	e On	ly			TAT		EP	A Progra	am	
Project: LULU 002 Project Manager: Bryan Lovato Address: 2010 Afton Place Address: 2010 Afton Place Address: 2010 Afton Place					Lovato		Lab	WO#			Job I	Numb	er	10	3D	RCR	A	CWA	SD)WA	
Project Manager: Brya	an Lovato	0		100	Address: 2010 A	Afton Place		PE	-10	90	3	20	35-	0114				\neg			
Address: 2010 Afton	Place			3.0	City, State, Zip	Farmington N	NM 87401	An	19/	141	71	Analy	sis an	d Meth	100	-			St	ate	
City, State, Zip Farmin		л 87401		in the	Phone: 505-32	4-4145						ΠÌ	T					\neg	NM CO	UT	AZ
Phone: 505-320-6909				112	Email: etrujillo@	Dlogosresources	sllc.com	12	2						- 1			- 1			\top
Email: ziondan@logosi	resource	sllc.com	9	37.1	etrujillo@logosr			, 8015	, 8015				9					Ì	TX OK	1	\top
Report due by: Blou				1.00	mflorez@logosre		-	0	ρ	8021	8260	6010	300.0					1			\top
Time	T	No		-			Lab	ő	&	(by	à	🚆	j j					Ī			
Sampled Date Sampled I		Containers	Sample 1D				Number	DRO/ORO by	GRO/ DRO	втех	VOC by	Metals	Chloride						Ker	narks	
V 25-9/14/2021			CS 1 @ 1					х	х	х			х								
(S 9/14/2021			CS 1 @ 3				2	x	х	х			х								
9/14/2021			CS 2 base				3	x	х	х			х								
9/14/2021			CS 2 wall				4	х	х	х			х								
914/2021			CS 2 wall				5	х	х	х			х								
9/14/2021					5+(2)		0	х	х	х			х								
[('.00) 9/14/2021			CS 3 base				7	х	х	х			х								
9/14/2021					with		8	х	х	х			х								
9/14/2021	S 1	-4oz jar	CS 3 wall	(P) 5	outh		9	х	х	х			х								
10:559(14/21	5	1-402	cs3	wal	(west		10	X	X	×			X								
Additional Instructions	is:	U				21	2														
I, (field sampler), attest to the validi time of collection is considered frau	lity and auther	nticity of this e grounds for	sample_ I am	aware that ta sampled by:	mpering with or intentionally	y mystabelling the sample	Vocation, date or Z	_				A COLUMN TO SERVICE STATE	The second second	Control of the contro					day they are sa ubsequent day	,	
Relinquished by:/Signature	1011		1421	Time 1	Received by: (S	week	1 Pate 14	21		:5	8	Rece	ived	on ice	(Lab U:	se Only	,			
Relinquished by: (Signature)	•)	Date	, .,	Time	Received by: (S	iignature)	Date		Time			T1							T3		
Relinquished by: (Signature) Date Time Received by: (Signature)				Date		Time			AVG	Tem	°C	4									
Sample Matrix: S - Soil, 5d - Soil	lid, Sg - Sludi	re, A - Aque	eous, Q - Oth	er			Container	Туре	: g - g	lass.					ber g	ass, v -	VOA				
Note: Samples are discarded 30					angements are made. H	azardous samples will												bove	samples is:	applical	ble
only to those samples received																					

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Angivital Laboratory 24 Hour Emergency Response Phone (800) 362-1379

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roject Information	Chain of Custody	Page	1	of	1	
		B.		_ ~		_

	Client:	LULU O	Lescur	CEZ II	C		Bill To					ab Us	se Or	nly				TA	T	EPA F	rogram
		Manager: Br		1 0110	to		ttention: Bryan Lo	Sesources	Lab	WO#	1		Job	Num	ber	1D	2D	3D	Standard	CWA	SDWA
	Address		Man	Court		1	ity, State, Zip	Lescurces	E V	04	110	>			1110-6				X		
	City, Stat	e, Zip					hone:		-			Г	Anai	ysis ər	d Method	1	_		Teach B		RCRA
	Phone:	505 - 37	20-0	909			mail: IMFlorez @ la	SOOS	21	2				П				- 1		State	1
	Email:	Blovato	(Q)(X	JOS		C	trujillo@ logos		y 80:	80.	ايا		_	e					NM CO		TXT
	Report d	ue by:			_				S 5	Š P	8	8260	6010	9				- 1	X		
	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	Metals 6010	Chloride 300.0						Remarks	5
	10:32	9/29/21	S	1	581	nu)	2,21		X	X	X			X				7	46	z Ja	
	10:54					pw	× -	2	T	T	T			П				7			
	10.34					2 nu		3										7			
	10:5b	2			SBZ	2 nu	@ 3'	4									\neg	7			
	10:37				- Z	3 14	00 1	5			İ							1			
	10:52				SB2) NL	v @ 31	6										1			
39	10:39		Į.		SBU	t na	00/	7						+		T	1				
	10:49		1	上	SBL	*	<u> </u>	8						1			=†				
														\neg			7	7			
								11 1									1				
		I Instruction							1							_					
	t, (field samp	ler), attest to the	validity and	authenticity	of this sample.	I am aware th	at tampering with or intentionally misla Sampled by:	beiling the sample loca	tidy.	n	17								ved on ice the day th		ed or received
	Relinguish	of collection is cor d by: (Signature		(20 32 m)	be grounds for I	legal action.	Sampled by: Y V						packed	in ice at	an avg temp a				C on subsequent day	1	
	W	WH	1 leve	29	7917	4:50	Received by: (Signature)	9/29/2	1	Ce	: 20	1	D				Use	Only	St. Par		
	Relinquishe	d by: (Signature		Date	Ti	me	Received by: (Signature)	Date	_	Time				ivea (on ice:	Y	N				
	Relinquishe	d by: (Signature)	Date	Ti	me	Received by: (Signature)	Date	+	Time			<u>T1</u>	, F1	1 4	T2			<u>T3</u>	JAJ.	
	Sample Make	x: S - Soil, Sd - Soi	id Co Child											Temp					H. C. Call		100
	Sumple Wat	A. 3 : 3011, 30 - 301	in' 2E . sinoi	e, A · Aquec	ous, U - Otner _		arrangements are made. Hazardo	Container T	ype:	g - g	ass, p	o - po	iy/pla	istic, a	g - amber	glass	v - V	AC			



Project Information

rbixler@logosresourcesllc.com

	1		1	
Page,	-2	_of_	2	_

Client:	LOGOS Res	ources II	, LLC			Bill To				L	ab Us	se On	ly		T	TAT	E	PA Progra	m
Project:	LULU 002					ention: Jason Meechan		Lab	WO#	247	10	Job I	Num	ber	10	, 3D	RCRA	CWA	SDWA
	Manager: B		ato		1 (Project 100 pt 100 pt	dress: 2010 Afton Place		PT		201	20	120	85	-0114					
	2010 Aft					y, State, Zip Farmington N	M 87401	PI	NIO	10	37	Analy	sis a	nd Meth	bc	•			ate
City, Sta	te, Zip Farn	lington,	NM 8740:	L	Ph	one: 505-324-4145												NM CO	UT AZ
	505-320-69				Em	ail: blovato@logosresources	lc.com	315	55						1				
Email: i	meechan@l	ogosreso	urcesllc.c	om	etr	ujillo@logosresourcesllc.com		8	8 8	77	9	ا ہ ا	0.0					TX OK	
Report o	lue by:				mf	lorez@logosresourcesllc.com		8	ğ	8	826	69	e 30		1				
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					Ren	narks
7:19	12/6/2021	s	1-4oz jar	CS 2 Wall N	lorth		V	х	х	х			x						
9:23	12/6/2021	S	1-4oz jar	CS 3 Base			2	х	х	x			х						
															T				
						·									\dagger	T			
								-		_					+	+			
							100												
																\sqcap			
Addition	nal Instruction	ons:					1366-265												
I, (field samp	ier), attest to the v	slidity and aut	henticity of this	s sample. I am awa	re that tampering	g with or intentionally mislabelling the carpoled	location, date or											day they are sar subsequent days	
Retinquish	ed by Signat	#n	Date	14/21 1		Received by: (Signature)	Date 1	0	Time	L	17	Rece	hed	on ice:		ab Us	e Only		
Relinquish	ed by: (Signati	ire)	Date	Tin		Received by: (Signature)	Date		Time			T1		JII ICC.	77	" כ		Ta	
Relinquish	ed by: (Signatu	ire)	Date	Tin	ne	Received by: (Signature)	Date		Time			AVG	Tem	n°C	4			<u>T3</u>	8
Sample Mai	trix: \$ - Soll, \$d -	Solid. Se - Sh	udge. A - Ann	eous, O - Other			Container	Type		lass					er gl	155. V -	VOA		
					other arranger	nents are made. Hazardous samples will l				_			_					samples is a	pplicable
						aboratory is limited to the amount paid fo						•		•					



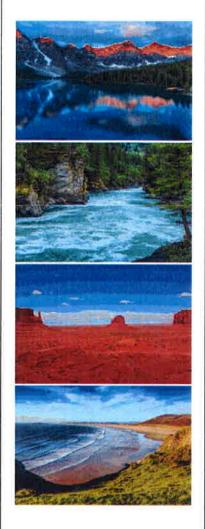
Ph (505) 632-1881 Fx (505) 632-1865

envirotech-incidem labadmin@ervirolech inc.com

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

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.

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

Laboratory Director Office: 505-632-1881

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Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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West Texas Midland/Odessa Area Tom Brown

Technical Representative Cell: 832-444-7704

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Sample Summary

Logos Resources	Project Name:	LULU 002	Reported:
2010 Afton Place	Project Number:	12035-0114	Keporteu.
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.



QC Summary Data

Г	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 b	y EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2133043-BLK1)						Pre	pared: 08/1	4/21 Analyz	ed: 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)				0		Pre	pared: 08/1	4/21 Analyz	ed: 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)				Sou	rce: E1086	035-01 Pre	pared: 08/1	4/21 Analyz	ed: 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			
				Sour	rce: E1080	035-01 Pre	pared: 08/1	4/21 Analyz	ed: 08/15/21
Matrix Spike Dup (2133043-MSD1)				ND	98.1	54-133	0.624	20	
	4.90	0.0250	5.00						
Benzene	4.90 4,77	0.0250 0.0250	5.00 5.00	ND	95.5	61-133	0.568	20	
Matrix Spike Dup (2133043-MSD1) Benzene Ethylbenzene Toluene						61-133 61-130	0.568 0.198	20 20	
Benzene Ethylbenzene Toluene	4,77	0.0250	5.00	ND	95.5				
Benzene Ethylbenzene	4,77 5.00	0.0250 0.0250	5.00 5.00	ND ND	95.5 100	61-130	0.198	20	
Benzene Ethylbenzene Toluene o-Xylene	4,77 5.00 4.89	0.0250 0.0250 0.0250	5.00 5.00 5.00	ND ND ND	95.5 100 97.8	61-130 63-131	0.198 0.490	20 20	



QC Summary Data

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

Nonhalogenated	Organics	bv	EPA	8015D -	GRO
1 TOITHUIDECHUICG	OI Parines	\boldsymbol{v}_{j}	-	OULDE	OILO

Anal	yst:	RKS
------	------	-----

	Non	nalogenated	Organics i	Dy EPA 80	15D - GI	KU			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2133043-BLK1)						Pre	pared: 08/1	14/21 Analy	zed: 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)						Pre	pared: 08/1	14/21 Analy	zed: 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)				Sour	rce: E1080	035-01 Pre	pared: 08/1	14/21 Алају	zed: 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)				Sour	rce: E1080	035-01 Pre	pared: 08/1	14/21 Analy	zed: 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			



QC Summary Data

Logos ResourcesProject Name:LULU 002Reported:2010 Afton PlaceProject Number:12035-0114Farmington NM, 87401Project Manager:Robert Jordan8/17/20215:01:56PM

	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2134005-BLK1)		4)				Pre	pared: 08/1	15/21 Anal	yzed: 08/15/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogale: n-Nonane	44.8		50.0		89.7	50-200			
LCS (2134005-BS1)						Pre	pared: 08/	15/21 Anal	yzed: 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)				Sou	rce: E108	035-03 Pre	pared: 08/	15/21 Anal	yzed: 08/15/21
Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.4	38-132	2		
Surrogate: n-Nonane	44.4		50.0		88.7	50-200			
Matrix Spike Dup (2134005-MSD1)				Sou	rce: E108	035-03 Pre	pared: 08/	15/21 Anal	yzed: 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			



Chloride

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

Farmington NM, 87401		Project Manager	: Ro	bert Jordan					8/17/2021 3:01:30PW
		Anions	by EPA 3	00.0/9056 <i>A</i>					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 (2134011-BLK1)						Рге	pared: 08/1	6/21 Anal	yzed: 08/16/21
Chloride	ND	20.0							
LCS (2134011-BS1)						Pre	pared: 08/	6/21 Anal	yzed: 08/16/21
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2134011-MS1)				Sour	rce: E1086	035-01 Pre	pared: 08/	6/21 Anal	yzed: 08/16/21
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2134011-MSD1)				Sou	rce: E1086	035-01 Pre	pared: 08/	16/21 Anal	yzed: 08/16/21

250

20.0

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	
ı	2010 Afton Place	Project Number:	12035-0114	Reported:
1	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

DNl 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.



Envirotech Analytical Laboratory

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)		
	f Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site locati	on match the C				
	samples dropped off by client or carrier?		Yes	Carrier: Marie Florez		
	ne COC complete, i.e., signatures, dates/times,	requested analy				
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be condu i.e, 15 minute hold time, are not included in this di		Yes		Comment	s/Resolution
	Turn Around Time (TAT) e COC indicate standard TAT, or Expedited TA	AT?	No			
Sample						
	sample cooler received?		No			
	was cooler received in good condition?		NA			
-	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No	i		
	s, were custody/security seals intact?					
•		. 4000-1 (0.10	NA			
	he sample received on ice? If yes, the recorded temp Note: Thermal preservation is not required, if samp minutes of sampling	oles are received	w/i 15			
13. If no	visible ice, record the temperature. Actual s	sample tempera	ture: 4°	<u>C</u>		
	<u>Container</u>					
14. Are a	equeous VOC samples present?		No			
15. Are `	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or les	ss)?	NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
18. Аге г	non-VOC samples collected in the correct conf	ainers?	Yes			
19. Is the	appropriate volume/weight or number of sample	containers colle	ecte W es			
Field La	<u>bel</u>			1		-
20. Were	field sample labels filled out with the minimu	ım information:	:			
	ample ID?		Yes			
	ate/Time Collected?		Yes			
_	ollectors name?		No			
	Preservation) NI.			
	the COC or field labels indicate the samples	were preserved		4		
	sample(s) correctly preserved?	J	NA			
	o filteration required and/or requested for disso	nveu metals?	No			
	ase Sample Matrix	-				
	the sample have more than one phase, i.e., m		No			
27. If ye	s, does the COC specify which phase(s) is to b	e analyzed?	NA			
Subcont	ract Laboratory					
28. Are	samples required to get sent to a subcontract la	boratory?	No			
29. Was	a subcontract laboratory specified by the clien	t and if so who	? NA	Subcontract Lab: NA		
Client l	Instruction					
1						
1						
1						

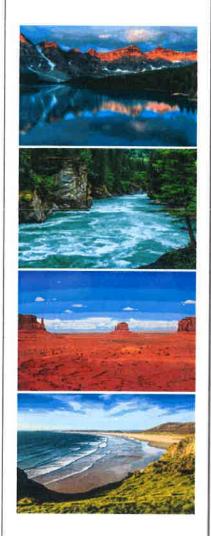
Signature of client authorizing changes to the COC or sample disposition.



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

Report to: Bryan Lovato



5796 U.S. Hwy 64 Farmington, NM 87401

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





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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)

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

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

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Alexa Michaels

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labadmin@envirotech-inc.com

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West Texas Midland/Odessa Area

tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	17
QC - Anions by EPA 300.0/9056A	18
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Chain of Custody etc.	20

Sample Summary

		•	
Logos Resources	Project Name:	LULU 002	B
2010 Afton Place	Project Number:	12035-0114	Reported:
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.



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

Farmington NM, 87401		Project Manager:	Bi	ryan Lovato					9/16/2021 12:58:03PM
		Volatile O	rganics l	by EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2138018-BLK1)							Prepared: 0	9/14/21	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: 0	9/14/21	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: 1	E109039-	01	Prepared: 0	9/14/21	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: I	E109039-	D1	Prepared: 0	9/14/21	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			



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

Farmington NM, 87401		Project Manage	r; Br	yan Lovato					9/16/2021 12:58:03PM
	Non	halogenated	Organics	by EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2138018-BLK1)							Prepared: 0	9/14/21	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: 0	9/14/21	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: 0	9/14/21	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: 0	9/14/21	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			



QC Summary Data

Logos ResourcesProject Name:LULU 002Reported:2010 Afton PlaceProject Number:12035-0114Farmington NM, 87401Project Manager:Bryan Lovato9/16/2021 12:58:03PM

Farmington NM, 87401		Project Manager	r: Br	yan 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 Limi			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2138019-BLK1)							Prepared: 0	9/14/21	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					
.CS (2138019-BS1)							Prepared: 0	9/14/21	Analyzed: 09/14/21		
Diesel Range Organics (C10-C28)	442	25.0	500		88.3	38-132					
urrogate: n-Nonane	51.1		50.0		102	50-200					
Matrix Spike (2138019-MS1)				Source:	E109039-	04	Prepared: 0	9/14/21	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: 0	9/14/21	Analyzed: 09/14/21		
Diesel Range Organics (C10-C28)	464	25.0	500	ND	92.8	38-132	2,25	20			
Surrogale: n-Nonane	51.6		50.0		103	50-200					



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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	9/16/2021 12:58:03PM

		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 (2138025-BLK1)							Prepared: 0	9/15/21 Anal	yzed: 09/15/21
Chloride	ND	20.0							
LCS (2138025-BS1)							Prepared: 0	9/15/21 Anal	yzed; 09/15/21
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2138025-MS1)				Source:	E109039-	01	Prepared: 0	9/15/21 Anal	yzed: 09/15/21
Chloride	276	20,0	250	34.9	96.5	80-120			

250

Source: E109039-01

101

80-120

3.77

34.9

QC Summary Report Comment:

Matrix Spike Dup (2138025-MSD1)

Chloride

287

20.0

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.



Prepared: 09/15/21 Analyzed: 09/15/21

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.



Envirotech Analytical Laboratory

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	2:58		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	7:00 (1 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: N	Marie Florez		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
	Il samples received within holding time?	-	Yes				
	Note: Analysis, such as pH which should be conducted in					Commont	s/Resolution
	i.e, 15 minute hold time, are not included in this disucssi	on.)		Comment	3/ Acsolution
	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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 th	e sample received on ice? If yes, the recorded temp is 4°C,	i.e., 6°±2°C	Yes				
	Note: Thermal preservation is not required, if samples are	e received w/i 15					
	minutes of sampling		_				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>				
	Container						
14. Are a	queous VOC samples present?		No				
15. Are V	OC 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 n	on-VOC samples collected in the correct containers	?	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lai	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
_	ollectors name?		Yes				
	reservation	10					
	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	гу?	No				
	subcontract laboratory specified by the client and it	-	NA S	Subcontract Lal	b: NA		
	nstruction						
Cuent II	ider activit						

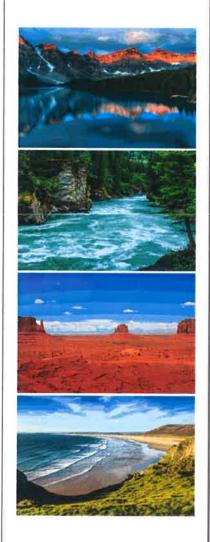
Signature of client authorizing changes to the COC or sample disposition.



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

Report to: **Bryan Lovato**



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:

E109115

Job Number:

12035-0114

Received:

9/29/2021

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

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)

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

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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

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Sample Summary

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

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.



Logos Resources

2010 Afton Place

Farmington NM, 87401

Volatile Organics by EPA 8021B									Analyst: 1Y		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2141015-BLK1)						I	Prepared: 1	0/05/21 Ana	lyzed: 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)					F	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-	D1	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	L-71	20
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133	L45	20
Foluene	5.04	0.0250	5.00	ND	101	61-130	1.58	20
-Xylene	4.92	0.0250	5.00	ND	98.5	63-131	1.58	20
,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		

Logos Resources	8	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

Faithington NWI, 87401		Project Manager	і. Бі	yali Lovato					10/0/2021 3.20.11110
	Non	halogenated	Organics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2141015-BLK1)							Prepared: 1	0/05/21	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: 1	0/05/21	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:	E109115-0)1	Prepared: 1	0/05/21	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:	E109115-0)1	Prepared: 1	0/05/21	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			



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

	Nonha	Analyst: JL							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2141019-BLK1)							Prepared: 1	0/05/21	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: 1	0/05/21	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: 1	0/05/21	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: 1	0/05/21	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			



		•	
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

1 ammigton 14141, 67401		1 Toject Ivianage	. Di	yan Lovato					10/0/2021 3:20:1117		
Anions by EPA 300.0/9056A Analyst: RAS											
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2141014-BLK1)							Prepared: 1	0/05/21 /	Analyzed: 10/05/21		
Chloride	ND	20.0									
LCS (2141014-BS1)							Prepared: 1	0/05/21	Analyzed: 10/05/21		
Chloride	244	20.0	250		97.4	90-110					
Matrix Spike (2141014-MS1)				Source:	E110012-0)1	Prepared: 1	0/05/21	Analyzed: 10/05/21		
Chloride	242	20.0	250	ND	97.0	80-120					
Matrix Spike Dup (2141014-MSD1)				Source:	E110012-0)1	Prepared: 1	0/05/21	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.



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.



Envirotech Analytical Laboratory

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.

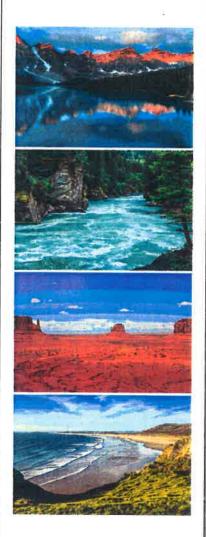
Phone: (903) 326-909 Date Logged In: 0900/21 15:26 Logged In By: Alexa Michaela Enable University (903) 326-909 Date 1000/21 17:00 (5 day *TAT) Chain of Custedy (COC). 1. Does the number of samples per sampling site location match the COC Yes 2. Does the number of samples per sampling site location match the COC Yes 4. Was the COC complete, i.e., signatures, datas/times, represented analyses? Yes 5. Were sull samples reviewed within boilding inter? Note: Analysis, such as pil which shoulds be conducted in the field, i.e., 15. Insuits bold time, are not included in this discussion. Sample There Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes 3. Sample Conder received mines bold time, are not included in this discussion. Sample There Around Time (TAT) 8. If yes, was cooler received in good condition? Yes 9. Was the sample conder received in good condition? Yes 9. Was the sample received in section interest. It is not required, if samples are received with 15 minutes of samples collected to the Yes, the moorded temp is 4*C, i.e., 6*2*C Yes 1. The Complete of the Yes, the moorded temp is 4*C, i.e., 6*2*C Yes 1. The Complete of the Yes, the moorded temp is 4*C, i.e., 6*2*C Yes 1. The Complete of the Yes, the moorded temp is 4*C, i.e., 6*2*C Yes 1. The Complete of the Yes, the moorded temp is 4*C, i.e., 6*2*C Yes 1. The Complete of the Yes, the moorded temp is 4*C, i.e., 6*2*C Yes 1. The	Client:	Logos Resources	Date Received:	09/29/21 10	6:30		Work Order ID:	E109115
Esnale blowto@logoeresouroesle.com Due Date: 1096/21 17:00 (5 day TAT) Chalan of Custody (COC). 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were sampled dropped offly client or carrier? 5. Were all samples received within holding time? 6. Were all samples received within holding time? 7. Were all samples received within holding time? 7. Were all samples received within holding time? 7. Were all samples received within holding time? 8. If yes, was cooler received in the field, i., i., in times bold time, are not included in this dianceston. 8. Sample Turna Around Time (TAT) 8. If yes, was cooler received in good condition? 9. Were outstody/security seals present? 10. Were outstody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was at sample on enviror on ice! Trys, the received will 15 13. If no visible co, record the temperature. Actual sample temperature: 4°C 8. Sample Coatlainer. 13. If no visible co, record the temperature. Actual sample temperature: 4°C 8. Sample Coatlainer. 14. Are aquoun VOC samples present? 15. Are VOC samples collected in VOA Vialn? 16. Is the head repack submin-weight on the generation received will as the hone of amplies. If the present of the temperature value of the present of the temperature value of the present of the temperature value va	Phone:	(505) 320-6909	Date Logged In:	09/30/21 1:	5:26		Logged In By:	Alexa Michaels
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Printed: 9/30/2021 3:39:07PM

Report to:
Bryan Lovato



5796 U.S. Hwy 64 Farmington, NM 87401

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





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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

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

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)

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 Office: 505-632-1881 Cell: 775-287-1762

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Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Technical Representative Office: 505-421-LABS(5227)

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

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Sample Summary

Logos Resources	Project Name:	LULU 002	Description
2010 Afton Place	Project Number:	12035-0114	Reported:
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.



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

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

		Volatile (Organics b	y EPA 802	21B			A	Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150009-BLK1)							Prepared: 13	2/06/21 Analy	zed: 12/06/2
Benzene	ND	0.0250						, , , , , , , , , , , , , , , , , , , ,	,200, 12,00,2
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	2/06/21 Analy	zed: 12/06/2
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:	E112017-2	21	Prepared: 12	2/06/21 Analy	zed: 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			
p-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:	E11 2017- 2	21	Prepared: 12	/06/21 Analy	zed: 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	
-Xyleue	4.86	0.0250	5.00	ND	97.3	63-131	2.68	20	
,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	



Logos Resources 2010 Afton Place	Project Name: Project Number:	LULU 002 12035-0114	Reported:
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 Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
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:	E112017-2	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:	E112017-2	1	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				



Reported:

12/8/2021 4:47:22PM

Nonhalaganatad	Organias	h 1	A CUS	001ED	DDO/ODO
Nonhalogenated	Organics	DV I	LPA	9012D -	DKU/UKU

Nonnalogenated Organics by EPA 8015D - DRO/ORO								Analyst: JL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		7
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	

	Result	Limit	Level	Result	Rec	Limits	RPD	Lim	it
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2150011-BLK1)							Prepared: 12	2/06/21	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	2/06/21	Analyzed: 12/07/21
Diesel Range Organics (C10-C28)	547	25.0	500		109	38-132			
Swrogate: n-Nonane	56.3		50.0		113	50-200			
Matrix Spike (2150011-MS1)				Source:	E112017-24		Prepared: 12	2/06/21	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	2/06/21	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			

Logos Resources	Project Name:	LULU 002	Reported:
2010 Afton Place	Project Number:	12035-0114	Topo tou.
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: 1	2/06/21 A	analyzed: 12/07/21		
Chloride	ND	20.0									
LCS (2150013-BS1)							Prepared: 1	2/06/21 A	nalyzed: 12/07/21		
Chloride	244	20.0	250		97.6	90-110					
Matrix Spike (2150013-MS1)				Source:	E112020-()1	Prepared: 1	2/06/21 A	analyzed: 12/07/21		
Chloride	581	20.0	250	347	93.6	80-120					
Matrix Spike Dup (2150013-MSD1)				Source:	E112020-0)1	Prepared: 1	2/06/21 A	nalyzed: 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.



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Definitions and Notes

		D WILL I TOUCH	
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.



Envirotech Analytical Laboratory

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.

CII:	Logos Resources				
Client:	Logos Alsources	Date Received:	12/06/21 10:47	Work Order ID:	E112020
Phone:	(505) 320-6909	Date Logged In:	10/06/01 10 00		2112020
F	Mark Otalian in	Date Logged in:	12/06/21 12:29	Logged In By:	Alexa Michaels
Email:	blovato@logosresourceslic.com	Due Date:	12/07/21 17:00 (1 day TAT)		

	Chain of Custody (COC)		
1	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	Cuttor: Minto I Total
	5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field	Yes	
	i.e, 15 minute hold time, are not included in this disucssion.		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?	NT.	
	15. Are VOC samples collected in VOA Vials?	No 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	
	Fleid Label	168	
	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
		- 10 5	DECOMPACT LEG. IVA









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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 96400

CONDITIONS

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

CONDITIONS

Created By		Condition Date
nvelez	None	4/19/2022