District 1 1625 N. French, Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

JUN 0 4 2019

DISTRICT IN

Incident ID	
District RP	
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

Responsible Party LOGOS Operating, LLC	OGRID: 320608
Contact Name: Larissa Farrell	Contact Telephone: 505-787-2027
Contact email: lfarrell@logosresourcesllc.com	Incident # (assigned by OCD) NVF1908430075
Contact mailing address: 2010 Afton Place Farmington N	
87401	

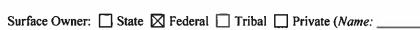
## **Location of Release Source**

Latitude 36.9264641\_

Longitude -107.41082\_ (NAD 83 in decimal degrees to 5 decimal places)

Site Name Rosa Unit 240A	Site Type: Gas Well
Date Release Discovered: 3/11/19	AP1# (if applicable) 30-039-30110

Unit Letter	Section	Township	Range	County
J	01	31N	06W	Rio Arriba



## Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
X Produced Water	Volume Released (bbls) 180 bbls	Volume Recovered (bbls) 180 bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	🗌 Yes 🖾 No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🗌 Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
	capstone was not working properly which caused the tr to bbls of produced water.	ransfer pump to not work as it should therefore the tank



Form C-141	
Page 2	1

## State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major	If VES for what reason(a) door the reason with a next consider this a major related 0. The web was a factor
Was this a major	If YES, for what reason(s) does the responsible party consider this a major release? The volume of release
release as defined by	exceeds 25 bbls.
19.15.29.7(A) NMAC?	
🛛 Yes 🗌 No	
If YES, was immediate r	notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Larissa
spoke with Vanessa Field	Is at approximately 11:00 am on 3/12/19. Larissa also spoke with Emanuel with BLM at approximately 11:10am.
	t to Emanuel at 1:12 pm on 3/12/19.
	Initial Degnance
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The responsible	party musi undertake the jonowing actions immediately unless they could create a sajety nazara that would result in injury
The source of the rele	ease has been stonned
Note: The impacted area ha	as been secured to protect human health and the environment.
Released materials have	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
	•
All free liquids and r	ecoverable materials have been removed and managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain why:
	a doore have <u>not</u> been andertaken, explain why.
Per 19.15.29.8 B. (4) NM	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 containmer	nt area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the info	ormation 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 environ	ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
failed to adequately investig	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In
	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.	
	<b>— —</b>
Printed Name:Laris	ssa Farrell Title:Reg/Env Technician
$\psi_{n}$	$\Lambda \nu \nu$
Signature:	Date: Date:
email:lfarrell@logosre	esourcesllc.com Telephone: _505-787-2027
OCD Only	

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Form C-141 Page 3 State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Site Assessment/Characterization

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

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

Field data

- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Form C-141	State of New Mexico	
		Incident ID
Page 4	Oil Conservation Division	District RP
		Facility ID
		Application ID
regulations all opera public health or the o failed to adequately addition, OCD accep and/or regulations. Printed Name: _L Signature: email: _lfarrell@lo	annadurel Date:	m corrective actions for releases which may endanger the operator of liability should their operations have surface water, human health or the environment. In ompliance with any other federal, state, or local laws mental/Regulatory Technician
OCD Only		
Received by:	Date:	

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

Description of remediation activities

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

Printed Name: Parissa Farrell	Title:Environmental/Regulatory Technician
Signature: Nama and	Date:
email: _lfarrell@logosresourcesllc.com	Telephone: _(505) 787-2027

#### OCD Only

Received by: Cory Via Email

Date: 6/4/19

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

Closure Approved by:	Date: 7/23/19
Printed Name: Cory	Title: Environmental Specalist



2010 Afton Place Farmington, NM 87401 Phone: (505) 324-4145 Fax: (505) 326-6112

May 28, 2019

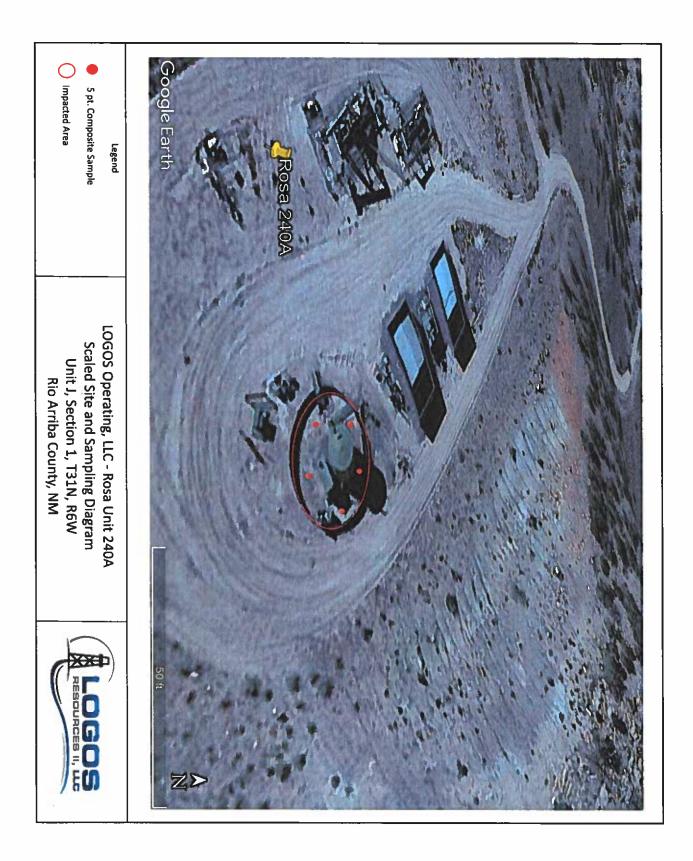
Cory Smith New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, NM 87410 RE: Rosa Unit 240A Release (NVF1908430075)

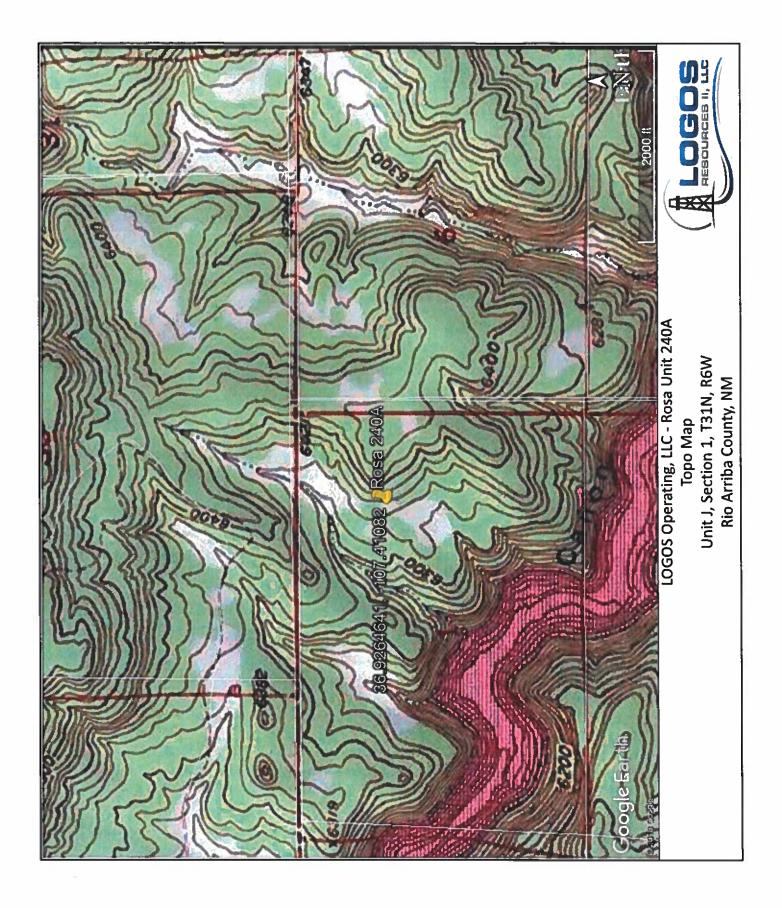
The release at the Rosa Unit 240A was discovered on March 12, 2019. LOGOS Operating (LOGOS) shut in the well and dispatched a water truck to pull the fluid from the secondary containment immediately. The water truck responded within an hour of being dispatched. The temperature had been below freezing and there was snow covering the ground. The secondary containment was not lined but due to the ground being frozen, the produced water was unable to seep into the soil and remained on the surface. LOGOS was able to recover all fluids from the secondary containment. LOGOS sampled the area on April 15, 2019. The analytical results showed that all constituents were under the Table I thresholds and no further remediation was required. Please see attached analytical results

Sincerely,

anna

Larissa Farrell Environmental/Regulatory Technician







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

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

No records found.



Section(s): 01

Township: 31N Range: 06W

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.

6/4/19 9:50 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

- 62 3758 30-039-25031 .7 DATA SHEET FOR DEEP GROUND BED CATHODIC. PROTECTION WELLS NORTHWESTERN NEW MEXICO Operator Meridian Oil Co. Location: Unit J Sec. 01 Twp 31 Rng 06 Name of Well/Wells or Pipeline Serviced ROSA LINIT #240 Elevation \_\_\_\_ Completion Date 6-6-93 Total Depth 44C Land Type F Casing Strings, Sizes, Types & Depths 10/21 Sat 59 OF8 PUC CASING. NO GAS, WATER, OF Boulders Were ENCOUNTERED DURING CASING. If Casing Strings are cemented, show amounts & types used <u>Cemented</u> WITH 13 SACKS. "INSTALLED 19'OF 12" PUC OUTEr CASing in Loose Fill. If Cement or Bentonite Plugs have been placed, show depths & amounts used Nepths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. Damint III and 165 Depths gas encountered: <u>///</u>\_\_\_\_\_ Ground bed depth with type & amount of coke breeze used: 440 120 source of Meturing cake herecyc Depths anodes placed: 420 465 395 380 365 350 335 325 315 Depths vent pipes placed: 446 Vent pipe perforations: Dattern 300 Remarks: 14N91 199 dist. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; 1-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.

MATER

1





## **Analytical Report**

Report Summary Client: Logos Operating, LLC

Samples Received: 4/15/2019 Job Number: 12035-0114 Work Order: P904056 Project Name/Location: Rosa 240A

Walter Hinden

Date: 4/19/19

Report Reviewed By:

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted 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, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

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

Labadmin@envirolech-inc.com

Page 1 of 9

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24 Hour Emergency Response Phone (800) 362-1879



Logos Operating, LLC	Project Name:	Rosa 240A	
PO Box 18	Project Number:	12035-0114	Reported:
Flora Vista NM, 87415	Project Manager.	Larissa Farrell	04/19/19 08:37

#### **Analyical Report for Samples**

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Rosa 240 A	P904056-01A	Soil	04/15/19	04/15/19	Glass Jar, 4 oz.
	P904056-01B	Soil	04/15/19	04/15/19	Glass Jar, 4 oz.

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Logos Operating, LLC	Project	Name:	Rosa	240A						
PO Box 18	Project	Number:	1203	5-0114				Reported:		
Flora Vista NM, 87415	Project	Manager:	Laris	sa Farrell				04/19/19 08:	37	
		Ro	osa 240 A							
		P9040	56-01 (Sa	olid)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organics by EPA 8021										
Benzene	NÐ	0.0250	mg/kg	I.	1916011	04/16/19	04/17/19	EPA 8021B		
Toluene	ND	0.0250	mg/kg	I.	1916011	04/16/19	04/17/19	EPA 8021B		
Ethylbenzene	ND	0.0250	mg/kg	L	1916011	04/16/19	04/17/19	EPA 8021B		
p,m-Xylene	ND	0.0500	mg/kg	1	1916011	04/16/19	04/17/19	EPA 8021B		
o-Xylene	ND	0.0250	mg/kg	1	1916011	04/16/19	04/17/19	EPA 8021B		
Total Xylenes	ND	0.0250	mg/kg	1	1916011	04/16/19	04/17/19	EPA 8021B		
Surrogate. 4-Bromochlorobenzene-PID		101 %	50	-150	1916011	04/16/19	04/17/19	EPA 8021B		
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916011	04/16/19	04/17/19	EPA 8015D		
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1916002	04/16/19	04/16/19	EPA 8015D		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7%	50	-150	1916011	04/16/19	04/17/19	EPA 8015D		
Surrogate: n-Nonane		107 %	50	-200	1916002	04/16/19	04/16/19	EPA 8015D		
Anions by 300.0/9056A										
Chloride	86.8	20.0	mg/kg	1	1916010	04/16/19	04/16/19	EPA 300.0/9056A		

5796 Highway 64, Farmington, NM 87401

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



Logos Operating, LLC	Pro	ject Name:	Ro	osa 240A						
PO Box 18	Pro	ject Number:	12	035-0114					Report	ted:
Flora Vista NM, 87415	Pro	ject Manager:	La	arissa Farrell					04/19/19	08:37
	Volatile	Organics b	y EPA 8	021 - Qua	lity Cont	rol				
	E	nvirotech /	Analytic	al Labor	atory					
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1916011 - Purge and Trap EPA 5030A										
Blank (1916011-BLK1)				Prepared: (	)4/16/19 1 /	Analyzed: (	04/17/19 1			
Benzene	ND	0.0250	mg/kg							
Tolucne	ND	0.0250								
Ethylbenzene	ND	0.0250	*							
p,m-Xylene	ND	0.0500				59				
o-Xylene	ND	0.0250	M							
Total Xylenes	ND	0.0250	*							
Surrogate: 4-Bromochlorobenzene-PID	8.01		"	8.00		100	50-150			
LCS (1916011-BS1)				Prepared: (	04/16/19 17	Analyzed: (	04/17/19 1			
Benzene	4.78	0.0250	mg/kg	5.00		95.6	70-130			
Toluene	5.19	0.0250	*	5.00		104	70-130			
Ethylbenzene	5.18	0.0250	*	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	*	10.0		107	70-130			
o-Xylene	5.18	0.0250	*	5.00		104	70-130			
Total Xylenes	15.9	0.0250	P	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.07		*	8.00		101	50-150			
Matrix Spike (1916011-MS1)	Sou	irce: P904056-	-01	Prepared: (	04/16/19 17	Analyzed: (	04/17/19 1			
Benzene	4.77	0.0250	mg/kg	5.00	ND	95.5	54.3-133			
Toluene	5.18	0.0250	*1	5.00	ND	104	61.4-130			
Ethylbenzene	5.15	0.0250	*	5.00	ND	103	61.4-133			
p,m-Xylene	10.6	0.0500	*1	10.0	ND	106	63.3-131			
o-Xylene	5.15	0.0250	Ħ	5.00	ND	103	63.3-131			
Total Xylenes	15.8	0.0250	**	15.0	ND	105	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	7.97		*	8.00		99.6	50-150			
Matrix Spike Dup (1916011-MSD1)	Sou	irce: P904056	-01	Prepared: (	04/16/19 17	Analyzed: (	04/17/19 1			
Benzene	4.76	0.0250	mg/kg	5.00	ND	95.1	54.3-133	0.347	20	
Toluene	5.16	0.0250		5.00	ND	103	61.4-130	0.375	20	
Ethylbenzene	5.14	0.0250	•	5.00	ND	103	61.4-133	0.242	20	
p,m-Xylene	10.6	0.0500		10.0	ND	106	63.3-131	0.173	20	
o-Xylene	5.15	0.0250	*	5.00	ND	103	63.3-131	0.0204	20	
Total Xylenes	15.8	0.0250	ŧ	15.0	ND	105	63.3-131	0.110	20	
Surrogate: 4-Bromochlorobenzene-PID	7.90		"	8.00		98.7	50-150			
<u> </u>						- ••••				

5796 Highway 64, Farmington, NH 87401

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Logos Operating, LLC	Proje	ect Name:	R	osa 240A						
PO Box 18	Proje	et Number;	1	2035-0114					Report	ed:
Flora Vista NM, 87415	Proje	ect Manager:	L	arissa Farrell					04/19/19	08:37
	Nonhaloge	nated Org	anics by	y 8015 - Qi	uality Co	ntrol				
	En	virotech A	Analyti	cal Labor	atory					
		Reporting		Spike	Source	23	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1916002 - DRO Extraction EPA 3	570									
Blank (1916002-BLK1)				Prepared &	Analyzed:	04/16/19 (	)			
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: n-Nonane	51.1		-	50.0		102	50-200			
LCS (1916002-BS1)				Prepared: 0	04/16/19 0	Analyzed: (	04/16/19 I			
Diesel Range Organics (C10-C28)	520	25.0	mg/kg	500		104	38-132			
Surrogate: n-Nonane	47.8		н	50.0		95.7	50-200			
Matrix Spike (1916002-MS1)	Sour	ce: P904055-	01	Prepared: (	04/16/19 0	Analyzed: (	04/16/19 1			
Diesel Range Organics (C10-C28)	516	25.0	mg/kg	500	ND	103	38-132			
Surrogate: n-Nonane	43.0		*	50.0		86.1	50-200			
Matrix Spike Dup (1916002-MSD1)	Sour	ce: P904055-	01	Prepared: (	04/16/19 0	Analyzed: (	04/16/19 1			
Diesel Range Organics (C10-C28)	517	25.0	mg/kg	500	ND	103	38-132	0.129	20	
Surrogate: n-Nonane	43.1		"	50.0	1 mar 1 11 mar	86.2	50-200			

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

24 Hour Emergency Response Phone (800) 352-1879



Logos Operating, LLC	Projec	ct Name:	R	osa 240A							
PO Box 18	Ргојес	ct Number:	12	2035-0114					Report	ed:	
Flora Vista NM, 87415	Project Manager:			Larissa Farrell					04/19/19 08:37		
	Nonhaloger	nated Org	anics by	8015 - Qu	ality Co	ntrol					
	Env	virotech A	Analyti	cal Labor	atory						
		Reporting		Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 1916011 - Purge and Trap EPA 5( Blank (1916011-BLK1)	J30A			Prepared: (	)4/16/19 1 A	nalyzed: (	¥/17/19 1				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48			8.00		93.5	50-150				
LCS (1916011-BS2)				Prepared: (	)4/16/19 1 A	nalyzed: (	04/17/19 1				
Gasoline Range Organics (C6-C10)	51.1	20.0	mg/kg	50.0		102	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60			8.00		95.0	50-150				
Matrix Spike (1916011-MS2)	Sourc	e: P904056-	01	Prepared: (	)4/16/19 1 A	Analyzed: (	04/17/19				
Gasoline Range Organics (C6-C10)	51.9	20.0	mg/kg	50.0	ND	104	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		"	8.00		94.5	50-150				
Matrix Spike Dup (1916011-MSD2)	Sourc	e: P904056-	01	Prepared: (	04/16/19 1 A	alyzed: (	04/17/19 1				
Gasoline Range Organics (C6-C10)	53.8	20.0	mg/kg	50.0	ND	108	70-130	3.66	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		"	8.00		96.2	50-150				

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



Logos Operating, LLC	Proje	ect Name:	R	osa 240A						
PO Box 18	Proje	ect Number;	12	2035-0114					Report	ed:
Flora Vista NM, 87415	Proje	ect Manager:	L	arissa Farrell					04/19/19	08:37
	Anio	ns by 300.(	)/9056A	- Quality	Control					
	En	virotech A	Analytic	cal Labor	atory					
		Reporting	0.00	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	<u> </u>			Desmanad R	Analuradi	04/16/10 1				_
				Prepared &	Analyzed:	04/16/19 1				
Blank (1916010-BLK1) Chloride	ND	20.0	mg/kg							
Chloride LCS (1916010-BS1)				Prepared &	a Analyzed: a Analyzed:	04/16/19 1				
	ND 254	20.0	mg/kg mg/kg							
Chloride LCS (1916010-BS1)	254		mg/kg	Prepared & 250		04/16/19 1 101	90-110			
Chloride LCS (1916010-BS1) Chloride	254	20.0	mg/kg	Prepared & 250	Analyzed:	04/16/19 1 101	90-110			
Chloride LCS (1916010-BS1) Chloride Matrix Spike (1916010-MS1)	254 Sour 354	20.0 ce: P904056⊶	mg/kg 01 mg/kg	Prepared & 250 Prepared & 250	Analyzed:	04/16/19 1 101 04/16/19 1 107	90-110 80-120			

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

Labadmin@envirotech-inc.com



Logos Operating, LLC	Project Name:	Rosa 240A	
PO Box 18	Project Number:	12035-0114	Reported:
Flora Vista NM, 87415	Project Manager:	Larissa Farrell	04/19/19 08:37

#### Notes and Definitions

DET	Analyte	DETECTED
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ND	Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

\*\* Methods marked with \*\* are non-accredited methods.

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24 Hour Emergency Response Phone (800) 362-1879

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Chain of Custody

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