Form C-144 Revised October 11, 2022

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

Pit, Below-Grade Tank, or

Proposed Alternative Method Permit or Closure Plan Application					
Type of action: Below grade tank registration Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method					
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request					
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the					
environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations, or ordinances.					
1. Operator:					
Address: 2010 Afton Place, Farmington, NM 87401					
Facility or well name: ROSA UNIT 012B					
API Number: <u>30-039-26555</u> OCD Permit Number:					
U/L or Qtr/Qtr P Section 15 Township 31N Range 6W County: Rio Arriba					
Center of Proposed Design: Latitude 36.89356 Longitude 107.44240 NAD83					
Surface Owner: Federal State Private Tribal Trust or Indian Allotment					
Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory Other Volume:bbl Dimensions: Lx Wx D					
3. Below-grade tank: Subsection I of 19.15.17.11 NMAC					
Volume: 120 bbl Type of fluid: Produced Water					
Tank Construction material: Steel subgrade					
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off					
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other					
Liner type: Thickness _40 mil					
4. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
5.					
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)					
Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify					

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other	
Monthly inspections (If netting or screening is not physically feasible)	
7. Signs: Subsection C of 19.15.17.11 NMAC ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.16.8 NMAC	
Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9. <u>Siting Criteria (regarding permitting)</u> : 19.15.17.10 NMAC <i>Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below.</i> Siting criteria does not apply to drying pads or above-grade tanks.	otable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - □ NM Office of the State Engineer - iWATERS database search; □ USGS; □ Data obtained from nearby wells	☐ Yes ⊠ No ☐ NA
<u>Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.</u> NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300 feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

 Within 100 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	☐ Yes ☐ No				
Temporary Pit Non-low chloride drilling fluid					
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No				
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, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Permanent Pit or Multi-Well Fluid Management Pit					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa					
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image					
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.					
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	Yes No				
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.97. Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the deattached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.10 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:	9 NMAC 9.15.17.9 NMAC				
11.					
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC					
Previously Approved Design (attach copy of design) API Number: or Permit Number:					

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	documents are				
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F	luid Management Pit				
Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method					
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC					
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. F 19.15.17.10 NMAC for guidance.					
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA				
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA				
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells					
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No				
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No				
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Yes No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance					

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adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality;	Written approval obtained from the m	unicipality	☐ Yes ☐ No		
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM E		☐ Yes ☐ No			
Within an unstable area.					
 Engineering measures incorporated into the design; NM Bu Society; Topographic map 	reau of Geology & Mineral Resources	s; USGS; NM Geological			
Within a 100-year floodplain.			Yes No		
- FEMA map			Yes No		
16. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC					
17. Operator Application Certification:					
I hereby certify that the information submitted with this application	is true, accurate and complete to the	best of my knowledge and beli	ief.		
Name (Print):	Title:		_		
Signature:	Data				
Signature.	Date				
e-mail address:	Telephone:				
18. OCD Approval: Permit Application (including closure plan)	Closure Plan (only) OCD C	onditions (see attachment)			
OCD Representative Signature:	tone	_ Approval Date: 04/30/	2024		
Environmental Scientist & Specialist-A		D'ON I 4			
litte:	OCD Permit Numbe	r:FILMUITIDELI			
Closure Report (required within 60 days of closure completion) Instructions: Operators are required to obtain an approved closu The closure report is required to be submitted to the division withis section of the form until an approved closure plan has been obtain	re plan prior to implementing any clo in 60 days of the completion of the clo	osure activities. Please do not en completed.			
20. Closure Method: ⊠ Waste Excavation and Removal □ On-Site Closure Method □ If different from approved plan, please explain.	☐ Alternative Closure Method [☐ Waste Removal (Closed-lo	oop systems only)		
21. Closure Report Attachment Checklist: Instructions: Each of the mark in the box, that the documents are attached. □ Proof of Closure Notice (surface owner and division) □ Proof of Deed Notice (required for on-site closure for private □ Plot Plan (for on-site closures and temporary pits) □ Confirmation Sampling Analytical Results (if applicable) □ Waste Material Sampling Analytical Results (required for on □ Disposal Facility Name and Permit Number □ Soil Backfilling and Cover Installation	e land only)	the closure report. Please in	dicate, by a check		
Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude 36.89356	Longitude -107.44240	NAD: □1927 ⊠	1002		

22.	
	with this closure report is true, accurate and complete to the best of my knowledge and closure requirements and conditions specified in the approved closure plan.
Name (Print): <u>Lacey Granillo</u>	Title: Regulatory Specialist
Signature: Lacey Grantle	Date:4/26/24
7 11 7 7 7	T. 1. 1
e-mail address: lgranillo@logosresourcesllc.com	<u> </u>

From: <u>Vanessa Fields</u>

To: Venegas, Victoria, EMNRD; Adeloye, Abiodun A; Durham, John, EMNRD

Cc: Robert Bixler; Tyler Smith; David Dryer; Etta Trujillo; Lacey Granillo; Krista McWilliams

Subject: LOGOS 72 Hour Notification BGT removal Rosa Unit 012B API 30-039-26555 Monday April 8, 2024 @ 9:00 am

Date: Wednesday, April 3, 2024 10:16:00 AM

Attachments: <u>image001.png</u>

Good morning,

LOGOS Operating is providing 72 Hour Notification BGT removal Rosa Unit 012B API 30-039-26555 Monday April 8, 2024 @ 9:00 am.

Thank you,

Vanessa Fields

Regulatory Manager

Email: vfields@logosresourcesllc.com

Office: 505-787-2218 Cell: 505-320-1243



Report to: Vanessa Fields







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Logos Resources

Project Name: Rosa Unit #12B

Work Order: E404050

Job Number: 12035-0114

Received: 4/8/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/11/24

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: 4/11/24

Vanessa Fields 2010 Afton Place Farmington, NM 87401

Project Name: Rosa Unit #12B

Workorder: E404050

Date Received: 4/8/2024 1:48:00PM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2024 1:48:00PM, under the Project Name: Rosa Unit #12B.

The analytical test results summarized in this report with the Project Name: Rosa Unit #12B 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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Sample Summary

		•	
Logos Resources	Project Name:	Rosa Unit #12B	Donoutoda
2010 Afton Place	Project Number:	12035-0114	Reported:
Farmington NM, 87401	Project Manager:	Vanessa Fields	04/11/24 13:47

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
5 point -BGT Removal	E404050-01A Soil	04/08/24	04/08/24	Glass Jar, 2 oz.



Sample Data

Logos Resources	Project Name:	Rosa Unit #12B	
2010 Afton Place	Project Number:	12035-0114	Reported:
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/11/2024 1:47:28PM

5 point -BGT Removal

		E404050-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2415008
Benzene	ND	0.0250	1	04/09/24	04/09/24	
Ethylbenzene	ND	0.0250	1	04/09/24	04/09/24	
Toluene	ND	0.0250	1	04/09/24	04/09/24	
-Xylene	ND	0.0250	1	04/09/24	04/09/24	
o,m-Xylene	ND	0.0500	1	04/09/24	04/09/24	
Total Xylenes	ND	0.0250	1	04/09/24	04/09/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	04/09/24	04/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2415008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/24	04/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	04/09/24	04/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2415002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/24	04/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/09/24	04/09/24	
Surrogate: n-Nonane		116 %	50-200	04/09/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2415004
Chloride	ND	20.0	1	04/09/24	04/09/24	



QC Summary Data

	•	•	
Logos Resources	Project Name:	Rosa Unit #12B	Reported:
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/11/2024 1:47:28PM
	Volotilo Orga	nice by EDA 9021D	

2010 Afton Place Farmington NM, 87401		Project Number: Project Manager:		2035-0114 anessa Fields				4/	11/2024 1:47:28PM
		Volatile O	rganics b	oy EPA 8021	 1B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415008-BLK1)							Prepared: 04	1/09/24 Ana	lyzed: 04/09/24
Benzene	ND	0.0250							<u>-</u>
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	7.52		8.00		94.0	70-130			
LCS (2415008-BS1)							Prepared: 04	1/09/24 Ana	lyzed: 04/09/24
Benzene	4.85	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.90	0.0250	5.00		97.9	70-130			
Toluene	4.86	0.0250	5.00		97.2	70-130			
o-Xylene	4.84	0.0250	5.00		96.8	70-130			
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
Total Xylenes	14.7	0.0250	15.0		98.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			
Matrix Spike (2415008-MS1)				Source: F	E 404049- 0	01	Prepared: 04	1/09/24 Ana	lyzed: 04/09/24
Benzene	4.92	0.0250	5.00	0.0330	97.8	54-133			
Ethylbenzene	4.96	0.0250	5.00	ND	99.3	61-133			
Toluene	5.07	0.0250	5.00	0.150	98.4	61-130			
o-Xylene	4.95	0.0250	5.00	0.0537	97.9	63-131			
p,m-Xylene	10.1	0.0500	10.0	0.149	99.8	63-131			
Total Xylenes	15.1	0.0250	15.0	0.203	99.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			
Matrix Spike Dup (2415008-MSD1)				Source: F	£404049-0	01	Prepared: 04	1/09/24 Ana	lyzed: 04/09/24
Benzene	4.90	0.0250	5.00	0.0330	97.4	54-133	0.481	20	
Ethylbenzene	4.98	0.0250	5.00	ND	99.5	61-133	0.234	20	
Toluene	5.06	0.0250	5.00	0.150	98.1	61-130	0.262	20	
p-Xylene	5.04	0.0250	5.00	0.0537	99.7	63-131	1.86	20	
p,m-Xylene	10.1	0.0500	10.0	0.149	99.7	63-131	0.0839	20	
Total Xylenes	15.2	0.0250	15.0	0.203	99.7	63-131	0.560	20	
					,,,,	05 151			

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Logos ResourcesProject Name:Rosa Unit #12BReported:2010 Afton PlaceProject Number:12035-0114Farmington NM, 87401Project Manager:Vanessa Fields4/11/20241:47:28PM

rannington NW, 87401		rioject Manager	ı. va	illessa Fielus					11/2024 1.4/.201 WI
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415008-BLK1)						I	Prepared: 0	4/09/24 Ana	lyzed: 04/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
LCS (2415008-BS2)						I	Prepared: 0	4/09/24 Ana	lyzed: 04/09/24
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.8	70-130			

Matrix Spike (2415008-MS2)		Source:	E404049-0)1	Prepared: 04	4/09/24 Analyzed: 04/09/24		
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130		
Matrix Spike Dup (2415008-MSD2)				Source:	E404049-0)1	Prepared: 04	4/09/24 Analyzed: 04/09/24
Gosplina Panga Organias (C6 C10)	54.9	20.0	50.0	ND	110	70-130	2 22	20

8.00

7.72

96.5

70-130



QC Summary Data

Logos Resources	Project Name:	Rosa Unit #12B	Reported:
2010 Afton Place	Project Number:	12035-0114	•
Farmington NM, 87401	Project Manager:	Vanessa Fields	4/11/2024 1:47:28PM

1 armington 14Wi, 87401		1 Toject Wianage	i. va	inessa i reids					1/11/2021 1:1/.2011
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415002-BLK1)							Prepared: 0	4/08/24 A	nalyzed: 04/09/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.5		50.0		111	50-200			
LCS (2415002-BS1)							Prepared: 0	4/08/24 A	nalyzed: 04/09/24
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			
Matrix Spike (2415002-MS1)				Source:	E404045-2	22	Prepared: 0	4/08/24 A	nalyzed: 04/09/24
Diesel Range Organics (C10-C28)	284	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			
Matrix Spike Dup (2415002-MSD1)				Source:	E404045-2	22	Prepared: 0	4/08/24 A	nalyzed: 04/09/24
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132	0.642	20	
Surrogate: n-Nonane	56.9		50.0		114	50-200			



QC Summary Data

Logos Resources		Project Name:	R	osa Unit #12B					Reported:
2010 Afton Place		Project Number:	12	2035-0114					
Farmington NM, 87401		Project Manager:	V	anessa Fields					4/11/2024 1:47:28PM
		Anions	by EPA 3	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415004-BLK1)							Prepared: 0	4/08/24	Analyzed: 04/08/24
Chloride	ND	20.0							
LCS (2415004-BS1)							Prepared: 0	4/08/24	Analyzed: 04/08/24
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2415004-MS1)				Source:	E404045-2	24	Prepared: 0	4/08/24	Analyzed: 04/08/24
Chloride	315	100	250	ND	126	80-120			M6
Matrix Spike Dup (2415004-MSD1)				Source:	E404045-2	24	Prepared: 0	4/08/24	Analyzed: 04/08/24
Chloride	317	100	250	ND	127	80-120	0.736	20	M6

QC Summary Report Comment:

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



Definitions and Notes

Logos Resources	Project Name:	Rosa Unit #12B	
2010 Afton Place	Project Number:	12035-0114	Reported:
Farmington NM, 87401	Project Manager:	Vanessa Fields	04/11/24 13:47

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS

recoveries

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



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1				

lient:	0905	COMI	1185				, Bill To	-	1-			La	b Us	e Onl	У					TA		EPA P	rogram
roject:	RASO 1	inst	# 13	Biols		tention:	Van Sch	tid	as	Lab '	W9#	05		Job N 120	umb	er -O/	14	1D 2	2D	3D	Standard	CWA	SDW
ddress:	lanager: Vo	6m P	410	Jus	Cit	v. State,	Zip Fran	8740	3 1	_				Analys	is an	nd Me	thoo						RCR
ty Stat	a Zin	n 27	uni		Ph	one: 5	05330 12U	3															
hone:	05 300 Fieldsa	1243	201-20	olle	<u>En</u>	nail: V	14 HS WIGOS	sceoun	CISINGO	8015	8015				0						NMI CO	State UT AZ	TX
mail: V eport d	ue by: 3	-Day	expura	SIC. GM	1 9	randl	MISDIGOS LoDiogus res	wroest	C-low	RO by	RO by	y 8021	8260	6010	e 300.0	N.	XT-201				X	OT AL	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID					Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005- TX					Remark	S
1:45	418/24	5	1	5 poi	int-E	34T	Removal		l	X	X	X		•	X								-
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	oler), attest to the of collection is co					t tampering	with or intentionally in Sampled by:	uslabelling the	sample loca	ation,											eived on ice the day "C on subsequent d		oled or recei
The ser	d by Signatur	2	Date 4	18/24 "	me 1:46	Receive	ed by: (Signature)		Date 4/8/	24	Time 13	:49	3	Recei	ived	on ic	e:	Lal (Y	b Use) N	Only	1		
elinguish	ed by: (Signatur	el	Date	Tu	me	Receive	ed by: (Signature)		Date		Time			T1				T2			T3		
elinguish	ed by: (Signatur	e)	Date	Ti	me	Receive	ed by: (Signature)		Date		Time			AVG	Tem	Э° q	4						
elinquish	ed by: (Signatur	e)	Date	Ti	me	Receive	ed by: (Signature)		Date		Time												
ample Mat	rix: S - Soil, Sd - So	olid, Sg - Slude	ge, A - Aqueo	ous, O - Other _					Container	Туре	: g - g	lass, p	o - pc	oly/pla	stic,	ag - a	mbe	r glass	s, v - V	OA			

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

alytical Laboratory Printed: 4/8/2024 2:47:48PM

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.

Logos Resources Date Received: 04/08/24 13:48 Work Order ID: E404050 Client: (505) 787-9100 Date Logged In: Angelina Pineda Phone: 04/08/24 14:28 Logged In By: Email: vfields@logosresourceslic.com Due Date: 04/11/24 17:00 (3 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? Yes 2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped off by client or carrier? Yes Carrier: Lacey Granillo Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, Comments/Resolution i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sample Cooler Yes 7. Was a sample cooler received? 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 Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA NA 16. Is the head space less than 6-8 mm (pea sized or less)? 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 20. Were field sample labels filled out with the minimum information: Yes Sample ID? Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No NA 22. Are sample(s) correctly preserved? 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 No 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA **Client Instruction**

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	y: LOGO	OS Operating, LLC	C	OGRID: 2	289408
Contact Name: L	acey Gra	nillo		Contact Te	Telephone (505) 787-0118
Contact email: lg	granillo@	logosresourcesllc	.com	Incident #	# (assigned by OCD) N/A
Contact mailing a	address: 2	2010 Afton Pl Far	mington, NM 874	101	
1 1 . 26 0025			Location	of Release So	
Latitude <u>36.89356</u>	0		(NAD 83 in dec	_ Longitude cimal degrees to 5 decin	<u>-107.44240</u> imal places)
Site Name: Rosa V	Unit #012	2B		Site Type:	: Well Gas
Date Release Disc	covered N	N/A		API# (if app	pplicable) 30-039-26555
	· .	T 1:	D		
Unit Letter Se	ection 15	Township 31N	Range 06W	Cour Rio A1	•
1	13	3111	00 **	Kio Ai	arioa
Surface Owner:	State [∑ Federal	ibal Private (A	Name:)
			Nature and	l Volume of l	Release
	Material((s) Released (Select all	that apply and attach	calculations or specific	ic justification for the volumes provided below)
Crude Oil		Volume Release		•	Volume Recovered (bbls)
Produced Wat	ter	Volume Release	d (bbls)		Volume Recovered (bbls)
		Is the concentrate produced water >	ion of dissolved cl >10,000 mg/l?	hloride in the	☐ Yes ☐ No
Condensate		Volume Release			Volume Recovered (bbls)
Natural Gas		Volume Release	d (Mcf)		Volume Recovered (Mcf)
Other (describ	be)	Volume/Weight	Released (provide	e units)	Volume/Weight Recovered (provide units)
When the BGT w where the BGT w	vas remov vas remov	ved no visible sign ved. The closure s	ns of staining or warming amples were anal	et soil was observe yzed by Envirotech	berglass below grade tank on the Rosa Unit #012B. yed. LOGOS collected (1) 5-point composite sample from th Labs, and all constituents analyzed were non-detect. n sampling. The area was back filled and a AGT was

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Incident ID

District RP

			Facility ID	
			Application ID	
	,			
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsi	ble party conside	r this a major release?	
☐ Yes ⊠ No				
If YES, was immediate no	otice given to the OCD? By whom? To whom	n? When and by	what means (phone, en	mail, etc.)?
	Initial Res	ponse		
The responsible	party must undertake the following actions immediately u	nless they could creat	te a safety hazard that would	! result in injury
☐ The source of the rele	ease has been stopped.			
☐ The impacted area ha	as been secured to protect human health and th	e environment.		
Released materials ha	ave been contained via the use of berms or dik	es, absorbent pad	s, or other containmen	t devices.
	ecoverable materials have been removed and r			
	d above have <u>not</u> been undertaken, explain wh			
has begun, please attach	IAC the responsible party may commence ren a narrative of actions to date. If remedial eff at area (see 19.15.29.11(A)(5)(a) NMAC), ple	forts have been st	accessfully completed	or if the release occurred
regulations all operators are public health or the environr failed to adequately investig	rmation given above is true and complete to the be- required to report and/or file certain release notific ment. The acceptance of a C-141 report by the OC ate and remediate contamination that pose a threat of a C-141 report does not relieve the operator of res	ations and perform D does not relieve t to groundwater, sur	corrective actions for rele he operator of liability sh face water, human health	eases which may endanger and their operations have an or the environment. In
Printed Name: <u>Lacey C</u>	<u>Granillo</u> T	itle: <u>Regulator</u>	y Specialist	
Signature: Lacey Granillo		Date: 4/26/2	24	
email: lgranillo@logos	sresourcesllc.com	Telephone:	505-787-0118	

Received by: _____ Date: _____

OCD Only

Received by OCD: 4/26/2024 9:04:11 AM Form C-141 State of New Mexico Page 3 Oil Conservation Division

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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>>100 (</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 ⅓-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.

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Incident ID
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Facility ID
Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: <u>Lacey Granillo</u> Ti	tle: Regulatory Specialist		
Signature: Lacey Granillo Date:	4/26/24		
email: <u>lgranillo@logosresourcesllc.com</u>	Γelephone: _ <u>505-787-0118</u>		
OCD Only			
Received by:	Date:		

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Page 5 Oil Conservation Division

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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 NMA	AC	
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 Distri	ct 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 and regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate and remediate human health or the environment. In addition, OCD acceptance of a C-14 compliance with any other federal, state, or local laws and/or regulations. restore, reclaim, and re-vegetate the impacted surface area to the condition accordance with 19.15.29.13 NMAC including notification to the OCD when the operation of the operation is the operation of the operation o	se notifications and perform corrective actions for releases which el report by the OCD does not relieve the operator of liability contamination that pose a threat to groundwater, surface water, I report does not relieve the operator of responsibility for The responsible party acknowledges they must substantially s that existed prior to the release or their final land use in	
Printed Name: <u>Lacey Granillo</u> Title: <u>Regulatory Specialist</u>		
Signature:	Date: <u>4/26/24</u>	
email: <u>lgranillo@logosresourcesllc.com</u> Telephone: _	<u>505-787-0118</u>	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	

Logos Operating Below Grade Tank Closure Plan

Lease Name: Rosa Unit #012B

API# 30-039-26555

Description: Unit P, Section 15, Township, 31N, Range 06W, Rio Arriba County New Mexico

In accordance with NMAC 19.15.17.13, the following information describes the closure plan for below grade tanks (BGT) for Logos Operating, LLC (LOGOS).

General Plan:

1. Logos will notify the surface owner by certified mail, return receipt requested, unless surface owner is a public entity (BLM/State/Tribal) then an email notification will be sent, of plans to close the BGT at least 72 hours, but no more than 1 week, prior to any closure operation. The notice will include the well name, API number, and location.

72 Hour notice was provided to the NMOCD and the Farmington BLM Field Office. Notification provided in Closure Report. No representative from the BLM or NMOCD was onsite to witness confirmation sampling.

- 2. Logos will notify the appropriate district office verbally and in writing with at least 72 hours of notice but no more than 1 week. The notice will include well name and API number as well as the location containing unit letter, section, township, and range.
 - 72 Hour notice was provided to the NMOCD and the Farmington BLM Field Office. Notification provided in Closure Report. No representative from the BLM or NMOCD was onsite to witness confirmation sampling.
- 3. Logos will remove liquids and sludge from the BGT within 60 days of cessation of operations and dispose of those at a division approved facility.
 - All liquids that were in the BGT were removed and sent to an NMOCD Division approved facilities. Produced water will be disposed at one of the following NMOCD approved facilities depending on the proximity of the BGT site: Rosa Unit SWD #1 (Order: SWD-916, API: 30-039-27055), Rosa Unit #94 (Order: SWD-3RP-1003.0, AID: 30-039-23035), Jillson Fed. SWD #001 (Order: R10168/R10168A, API: 30-039-25465), Middle Mesa SWD #001 (Order: SWD-350-0, API: 30-045-27004) and/or Basin Disposal (Permit: NM-01-0005).
- 4. Within 6 months of cessation of operations, Logos will dispose, reuse/recycle, or reclaim in a division approved manner the BGT, and all unused equipment associated with the BGT.

- 5. The soils beneath the BGT will be tested as follows:
 - a. A five point composite sample including any obvious staining or wet soils shall be taken under BGT and will be analyzed for constituents listed in Table I (see page 2) of 19.15.17.13 NMAC.

On April 16, 2024, LOGOS Operating LLC. removed the fiberglass below grade tank on the Rosa Unit #012B. When the BGT was removed no visible signs of staining or wet soil was observed. LOGOS collected (1) 5-point composite sample from where the BGT was removed. The closure samples were analyzed by Envirotech Labs, and all constituents analyzed were non-detect. No representative from BLM or NMOCD was onsite to witness all confirmation sampling.

Analytical Results:

Benzene: Non-Detect BTEX: Non-Detect GRO: Non-Detect DRO: Non-Detect ORO: Non-Detect Chloride: Non-Detect

Components	Tests Method	Limit (mg/kg)
		≤50' bottom of BGT to GW
Benzene	EPA SW-846 8021B or 8015M	10
BTEX	EPA SW-846 8021B or 8260B	50
ТРН	EPA SW-846 418.1	100
Chlorides	EPA 300.0	600
GRO/DRO	EPA SW-846 80165M	n/a
·		51'-100' bottom of BGT to GW
Benzene	EPA SW-846 8021B or 8015M	10
BTEX	EPA SW-846 8021B or 8260B	50
ТРН	EPA SW-846 418.1	2500
Chlorides	EPA 300.0	10,000
GRO/DRO	EPA SW-846 80165M	1000
		>100' bottom of BGT to GW
Benzene	EPA SW-846 8021B or 8015M	10
BTEX	EPA SW-846 8021B or 8260B	50
ТРН	EPA SW-846 418.1	2500
Chlorides	EPA 300.0	20,000
GRO/DRO	EPA SW-846 80165M	1000
·		1000

6. Within six (6) months of cessation of operations, LOGOS will remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that is a division approved.

All referenced equipment associated with the BGT removal has been removed and utilized for reuse.

7. Upon closing of the BGT, Logos will reclaim the unused BGT location to a safe and stable condition that blends with the surrounding undisturbed area as provided in Paragraph 2 of subsection H of 19.15.17.13 as well as recontouring the area in accordance with paragraph 5 in subsection H of 19.15.17.13 NMAC. The soil cover will be constructed to prevent ponding of water and erosion of the cover material.

The area of the BGT removal has been returned to grade surface. The area will be reclaimed once the well has been plugged and abandoned.

- 8. The reclamation of the BGT area will contain a uniform vegetative cover that reflects a life-form ratio of plus or minus fifty (50%) of pre-disturbance levels and a total percent plant cover of at least seventy (70%) of pre-disturbance levels, excluding noxious weeds. The re-vegetation and reclamation obligations imposed by other applicable federal or tribal agencies that manage the lands will supersede these provisions and govern the obligations. Logos will notify the division when reclamation and revegetation is complete.
- 9. Logos will submit a closure report on form C-144 within 60 days of closure completion. The closure report will contain the following:
 - Soil Backfilling and Cover Installation (See Report)
 - Re-vegetation application rates and seeding techniques (See Report)
 - Photo documentation of the site reclamation (Included as an attachment)
 - Confirmation Sampling Results (Included as an attachment)
 - Proof of closure notice (Included as an attachment)

Received by OCD: 4/26/2024 14.04; Page 28 of 32 LOGOS OPERATIN ROSA UNIT #012B DK MV COMG API NO. 30-039-26555 485' FSL & 1125' FEL PSEC.15 T31N ROOW NMPM RIO ARRIBA COUNTY, NM LAT: 36.89356 LONG: 107.44240 Released to Imaging: 430/2024 4 144 and



5 POINT COMPOSITE SAMPLE- ROSA UNIT 12B





District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

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 337919

CONDITIONS

Operator:	OGRID:
LOGOS OPERATING, LLC	289408
2010 Afton Place	Action Number:
Farmington, NM 87401	337919
	Action Type:
	[C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	Upon the plugging and abandonment of well API 30-039-26555 (Rosa Unit 012B), and cessation of all production operations in the area associated with this below-grade tank, Logos shall complete the requirements of 19.15.17.13 NMAC for the area associated with this below-grade tank and notify the OCD when restoration, reclamation, and re-vegetation are complete.	4/30/2024