NM1 - \_\_\_35\_\_\_\_

# Facility Inspection and Vadose Zone Monitoring Report

November, 2022



December 9, 2022

Delivered: Electronically, Hard copy by mail

Released to Imaging: 12/15/2022 8:42:36 AM

Ms. Leigh Barr
Permitting Group Supervisor
New Mexico Oil Conservation Division (OCD)
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, NM, 87505

RE: Lea Land LLC, Surface Waste Management Facility

OCD Permit No. NM1-35

**Transmittal of November 2022 Facility Inspection Report** 

and Vadose Zone Monitoring Report

Dear Ms. Barr:

Transmitted herein are copies of the Vadose Zone monitoring report and Facility Inspection Report for monitoring and inspection events conducted at the Lea Land LLC Surface Waste Management Facility in Lea County, New Mexico on November 30, 2022.

No free liquid, methane, hydrogen sulfide, or carbon monoxide were detected in any of the monitoring wells during the vadose zone monitoring event. No issues were identified relative to inspection parameters for the landfill, leachate and stormwater controls at the surface waste management facility.

Thanks very much for your effort to review this document. Please contact me with your questions and comments.

Sincerely,

Clay Kilmer

Sr. Hydrogeologist

Yay Tilna

Attachment: Lea Land LLC November 30, 2022 Facility Inspection Report

Lea Land LLC November 30, 2022 Vadose Zone Monitoring Report

cc: Stephanie Grantham, President, Lea Land, LLC.

Joe Ontiveros, Site Manager, Lea Land LLC

I Keith Gordon, P.E., IKG, LLC

Clay Kilmer LLC 3312 June Street, Northeast Albuquerque, NM 87111 (505) 235-4482 claykilmer@gmail.com

Received by OCD: 12/15/2022 8:40:21 AM

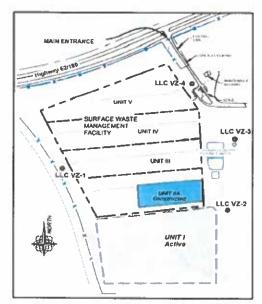
# Lea Land LLC Surface Waste Management Facility OCD Permit No. NM1-35

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Inspec	tion Form ≬	
Date: 1/-81 - 2022 Print Na	y	(/. 1./-
Others		IN CINETOS
Signatu	re:	(Tro)
Inspection will be in accordance v	with NIMOCD approxim	
Item		nai conditions.
Entrance Sign	Satisfactory	Action Required
Berms and outside pond levees		
Tank Labels		
Sumps Pond levels three-foot free board		
Free oil on Pits-Ponds		
Pit and Pond condition		
Pit and Pond marker numbers	NA	
Treatment Plant inspection		
Solid waste disposal area inspection	MA	
Blowing trash Fences and Gates		
Leak detection sumps - Landfill - Liquid present?  Leak detection sumps - Evaporation Ponds - Liquid present?		(Monthly analysis required if yes)
Leak Delection summs - Let Out Dit - Liquid process		(Monthly analysis required if yes)
Leak detection sumps - Stab. & Solid - Liquid precent?	MA	(Monthly analysis required if yes)
Landin Leachate Sump	- MA	(Monthly analysis required if yes)
Vadose Zone Monitoring		
Pond Sludge Depth *Comments & Repairs:		
		$\alpha_1 - \alpha_2$
READINGS ARE TO BE TAKEN 4 FT DOI  Evaporation Pond (readings in ppm):  POND  2 3 4 5 6 7 9 10 11 12		
In the event that a reading of 10 ppm is registered at the Fac Personnel will evacuate the area and operator will monitor H <sub>2</sub> ! I H <sub>2</sub> S levels reach 20 ppm, the Facility will be closed and noti Lea Land Office 575-887-4048 New Mexico State Police 575-392-5580 Eddy County Sheriff 575-887-1888 Lea County Sheriff 575-397-3611		the Pond. o the following: 575-393-6161
	Receipt & Appro	val
	Name.	<u></u>

# Vadose Zone Well Monitoring Log

Lea Land LLC Surface Waste Management Facility Lea County, New Mexico

Monitored by:	Clarkilma	
Weather Information		
Date and Amount of Last Precipit	ation: 11/26/22 0,4	inch
Current Temp:	9 41	*F
Current Wind Speed:	15	mpl
Current Wind Direction:	N	_
Current Barometric Pressure:	30.5	In. F
Barometric Pressure Trend:	up	
Gas Detection Equipment		
Monitoring Equipment Used:	Multinaz 54as	



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		Vado	se Zone Weil Va	por Data			
Vadose Zone Well Designation	Date	Time	Screen Interval Depth Below Top Casing	CH <sub>4</sub> Concentration (% LEL)	H₂S (ppm)	O <sub>2</sub> (%)	CO (%)
LLC VZ-1	11/30/22	08:30	27.75 - 37.75	0.6	0.0	20.4	0.0
LLC VZ-2	11/30/22	08:47	68.38 - 78.38	6.0	0.0	20.1	0.0
LLC VZ-3	11/90/22	09:16	50.57 - 60.57	6.6	0.0	20.9	0,0
LLC VZ-4	11/30/22	09:20	40.58 - 50.58	0.0	0.0	2017	6.0
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			<del>-</del>	<u></u>			<del>                                     </del>
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			<del></del>				
		Vadose Z	one Well Fluid M	easurements	<u> </u>		
Vadose Zone Well Designation	Date	Vadose Zo	Well Fluid M Well Diameter (inch)	Total Well Depth Below Top of Casing (feet)	Fluid Level Below Top of Casing (R)	Co	mments
Vadose Zone Well Designation LLC VZ-1		Time	Well Diameter	Total Well Depth Below Top of Casing	Below Top of Casing (ft)		ments
Designation	11/2/22	Time	Well Diameter (inch)	Total Well Depth Below Top of Casing (feet) 37.75	Below Top of Casing (ft)	5	mments
Designation  LLC VZ-1	11/2/22	7ime	Well Diameter (inch)	Total Well Depth Below Top of Casing (feet) 37.75 78.38	Below Top of Casing (R) Drug 27.7 Page 78.78	5	mments
LLC VZ-1 LLC VZ-2 LLC VZ-3 LLC VZ-4	11/2/22	7ime 08:30 68:45 08:05	Well Diameter (inch)	Total Well Depth Below Top of Casing (feet) 37.75 78.38 60.57	Below Top of Casing (R) Pruy 6 37.7 Ray 6 4 8 38 Pau 6 6 5 7	5	mments
LLC VZ-1 LLC VZ-2 LLC VZ-3	11/2/22	7ime	Well Diameter (inch)	Total Well Depth Below Top of Casing (feet) 37.75 78.38 60.57	Below Top of Casing (R) Drug 27.7 Page 78.78	5	mments
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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 167277

## **CONDITIONS**

Operator:	OGRID:	
LEA LAND, LLC	195376	
	Action Number:	
Oklahoma City, OK 73106	167277	
	Action Type:	
	[C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)	

### CONDITIONS

Created By	Condition	Condition Date
bjones	None	12/15/2022