

NM1 -35

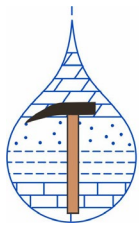
Facility Inspection

and

Vadose Zone

Monitoring Report

March 2025



CLAY KILMER, LLC
Environmental Geoscience
Water Resources

April 3, 2025

Electronic Delivery

Mr. Joseph Kennedy
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St Francis Dr.
Santa Fe, New Mexico 87505

**RE : Lea Land LLC, Surface Waste Management Facility
OCD Permit No. NM1-35
Transmittal of March 2025 Facility Inspection Report
and March 2025 Vadose Zone Monitoring Report**

Dear Mr. Kennedy:

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 March 31, 2025.

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

Attachment: Lea Land LLC March 31, 2025, Facility Inspection Report
Lea Land LLC March 31, 2025, 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

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

Inspection Form

Date: 3.31.25Print Name: GERARD R. HERNANDEZ

Others: _____

Signature: _____

Inspection will be in accordance with NMOCD operational conditions.

Item	Satisfactory	Action Required
Entrance Sign	✓	
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	✓	
Treatment Plant inspection	✓	
Solid waste disposal area inspection	✓	
Blowing trash	✓	
Fences and Gates	✓	
Leak detection sumps - Landfill - Liquid present?	✓	(Monthly analysis required if yes)
Leak detection sumps - Evaporation Ponds - Liquid present?	✓	(Monthly analysis required if yes)
Leak detection sumps - Jet Out Pit - Liquid present?	✓	(Monthly analysis required if yes)
Leak detection sumps - Stab. & Solid. - Liquid present?	✓	(Monthly analysis required if yes)
Landfill Leachate Sump	✓	(Monthly analysis required if yes)
Vadose Zone Monitoring	✓	
Pond Sludge Depth	✓	
*Comments & Repairs: _____		

H₂S

READINGS ARE TO BE TAKEN 4 FT DOWNWIND FROM EVAPORATION PONDS

Evaporation Pond (readings in ppm):

POND	
1	
2	
3	
4	
5	
6	N/A
7	
8	
9	
10	
11	
12	

*In the event that a reading of 10 ppm is registered at the Facility, IMPLEMENT THE CONTINGENCY PLAN!
Personnel will evacuate the area and operator will monitor H₂S levels downwind of the Pond.

If H₂S levels reach 20 ppm, the Facility will be closed and notification will be given to the following:

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

NMOCD Hobbs 575-393-6161
NMOCD Santa Fe 505-476-3440

Receipt & Approval

Name: _____

Date: _____

Vadose Zone Well Monitoring Log

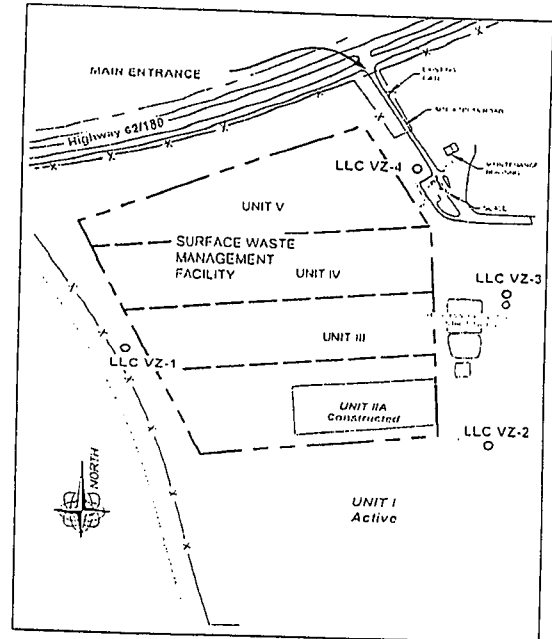
Lea Land LLC
Surface Waste Management Facility
Lea County, New Mexico

Date: 3-31-25Monitored by G. Quirós

Weather Information

Date and Amount of Last Precipitation: 0 inchesCurrent Temp: 71° °FCurrent Wind Speed: 11 mphCurrent Wind Direction: SWCurrent Barometric Pressure: 29.78 in. HgBarometric Pressure Trend: ↓

Gas Detection Equipment

Monitoring Equipment Used: Gas Alert MaxDate and Time Last Calibrated: 3-31-25

Vadose Zone Well Vapor Data

Vadose Zone Well Designation	Date	Time	Screen Interval Depth Below Top Casing (feet)	CH ₄ Concentration (% LEL)	H ₂ S (ppm)	O ₂ (%)	CO (%)
LLC VZ-1	3-31-25	2:12	27.75 - 37.75	0	0	20.9	0
LLC VZ-2	3-31-25	2:20	68.38 - 78.38	0	0	20.9	0
LLC VZ-3	3-31-25	2:33	50.57 - 60.57	0	0	20.9	0
LLC VZ-4	3-31-25	2:45	40.58 - 50.58	0	0	20.9	0
supplemental data							

Vadose Zone Well Fluid Measurements

Vadose Zone Well Designation	Date	Time	Well Diameter (inch)	Total Well Depth Below Top of Casing (feet)	Fluid Level Below Top of Casing (ft)	Comments
LLC VZ-1	3-31-25	2:12	2	37.75	0	
LLC VZ-2	3-31-25	2:20	2	78.38	0	
LLC VZ-3	3-31-25	2:33	2	60.57	0	
LLC VZ-4	3-31-25	2:45	2	50.58	0	
supplemental data						

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

COMMENTS

Action 463670

COMMENTS

Operator: LEA LAND, LLC 1300 W Main St Oklahoma City, OK 73106	OGRID: 195376
	Action Number: 463670
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

COMMENTS

Created By	Comment	Comment Date
joseph.kennedy	In the future, please submit inspection reports separate from Engineering drawings so OCD can approve them separately. Thank you	5/15/2025

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Phone: (505) 476-3441

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