

NM1 - ____35____

Part 36

**MAJOR
MODIFICATION
Public Notice**

January 31, 2020

LucasKamat, Susan, EMNRD

From: LucasKamat, Susan, EMNRD
Sent: Friday, January 31, 2020 2:08 PM
To: Pamela Gonzales
Cc: Stephanie Grantham; Charles Fiedler; 'Mark Turnbough'; Gordon, I
Subject: NM1-35 Lea Land surface waste management facility permit modification public notice
Attachments: NM1-35 Lea Land Notice Text OCD_Mailing&Email_FINAL.pdf; NM1-35 Lea Land Notice Text OCD_Mailing&Email_FINAL.pdf; NM1-35 Lea Land Notice Text OCD_HobbsNewsSun_FINAL.pdf

Pamela,

Thank you for the submission of the final public notice documents for Lea Land LLC for the NM1-35 permit modification. The public notices as provided (and attached) are approved by OCD.

Regards,
Susan

Susan A. Lucas Kamat
Environmental Scientist
Oil Conservation Division
Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505.476.3488
Susan.LucasKamat@state.nm.us

NOTICE OF APPLICATION
LEA LAND LLC (LEA LAND) – SURFACE WASTE MANAGEMENT FACILITY

Pursuant to 19.15.36, Oil Conservation Division Surface Waste Management Facilities regulations, Lea Land LLC (Lea Land) is providing notice that the Oil Conservation Division (OCD) has completed its technical review of the Application for a commercial waste management facility (i.e., Lea Land Facility). OCD has tentatively decided on Permit Approval (with conditions), and will be posting this decision along with the draft Permit on its website [<http://www.emnrd.state.nm.us/OCD/env-draftpublicetc.html>]

1. **Applicant's name and address:** Lea Land LLC, 1300 W. Main St., Oklahoma City, OK, 73106; Telephone: 405.236.4257.
2. **Facility location and address:** The Lea Land Facility is located approximately 27 miles east of Carlsbad, straddling US 62 at milepost marker 32 in Lea County, NM. The Lea Land site is comprised of a 642-acre \pm tract of land comprising Section 32, Township 20 South, Range 32 East, in Lea County, NM. The Surface Waste Management Facility footprint will comprise 474.41 acres \pm of the Lea Land site.
3. **Brief description of surface waste management facility:** The Lea Land Facility will include a liquid oil field waste Processing Area (82 acres \pm) and an oil field waste Landfill (100 acres \pm), and related infrastructure (118 acres \pm). At full build-out, the Processing Area may include an oil treatment facility consisting of an estimated 8 produced water load-out points, 12 produced water receiving tanks, 48 produced water settling tanks, 12 evaporation ponds, 5 crude oil recovery tanks, and 5 oil sales tanks; as well as 1 stabilization and solidification area; and a customer jet wash (8 bays). The Landfill disposal footprint is 100 acres \pm with a waste capacity (gross airspace) of approximately 14.6 million cubic yards. In addition, various support facilities, including: a Scalehouse, waste acceptance/security features, roads, emergency shower and eyewash station, and stormwater detention basins are included with the Lea Land Facility footprint.
4. **Depth and quality of shallowest aquifer:** Based upon information projected from water wells in the region of the Lea Land site, as well as on-site monitoring wells, the shallowest potential subsurface water in the vicinity is within the Dewey Lake Redbeds, the saturated zones for which are approximately 180 feet (ft) below ground surface (bgs) at the Lea Land site. In addition, the Lea Land site characterization boring investigation results demonstrate that no shallow water is present above a depth of 180 ft bgs at any of the boring locations, and is produced in very small quantities (i.e., limited recharge). The on-site monitor wells are completed within the Dewey Lake Redbeds. Chemical analyses from these wells generally indicate a total dissolved solids concentration of approximately 800 milligrams per liter (mg/L) and a sulfate concentration of approximately 400 mg/L.
5. **The Division's Proposed Decision:** (with conditions as appropriate) is made available on the Division's website; and can be requested from the Division Clerk at:

Ms. Florene Davidson
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505
505.476.3458

6. The following list is a description, under consideration by the OCD, of **alternatives, exceptions** or waivers in accordance with 19.15.36.19 NMAC:

Lea Land is requesting alternatives to the requirements consistent with the flexibility provided for:

- *Landfill gas control requirements per 19.15.36.13.O NMAC*
- *Groundwater monitoring per 19.15.36.14.B(1-2) NMAC*
- *Geonet Detection and Drainage Layers per 19.15.36.14.C(3&5) NMAC*
- *Final Cover per 19.15.36.14.C(8) NMAC*
- *Bird Control Alternatives per 19.15.36.13.I and 19.15.36.17.C(3) NMAC*
- *Intermediate cover stabilization per 19.15.36.14.A(7) NMAC*
- *Final cover stabilization per 19.15.36.18.C(2)(b) NMAC*
- *Base layer compacted soil per 19.15.36.14.C(1) NMAC*
- *Leachate collection system per 19.15.36.14.C(5&6) NMAC*

Demonstrations and justifications have been provided in the associated technical documentation.

7. The procedures for requesting a hearing on the Application are outlined in 19.15.4 NMAC, as described below:

A person who wishes to comment or request a hearing shall file comments or a request for a hearing on the proposed approval with the division clerk within ninety (90) days after the date of this newspaper publication. A request for hearing shall be in writing and state specifically the reasons why a hearing should be held. The OCD director may deny a request for hearing if the director determines the person lacks standing. A hearing may be held if the director determines there is significant public interest or there are comments with technical merit. Additional information is outlined in 19.15.4 NMAC and 19.15.36 NMAC.

Interested parties may contact Ms. Susan A. Lucas Kamat, Environmental Scientist, Oil Conservation Division, at 505.476.3488 or via email at susan.lucaskamat@state.nm.us for further information.

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1. **Applicant's name and address:** Lea Land LLC, 1300 W. Main St., Oklahoma City, OK, 73106; Telephone: 405.236.4257.
2. **Facility location and address:** The Lea Land Facility is located approximately 39 miles west of Hobbs, straddling US 62 at milepost marker 32 in Lea County, NM. The Lea Land site is comprised of a 642-acre \pm tract of land comprising Section 32, Township 20 South, Range 32 East, in Lea County, NM. The Surface Waste Management Facility footprint will comprise 474.41 acres \pm of the Lea Land site.
3. **Brief description of surface waste management facility:** The Lea Land Facility will include a liquid oil field waste Processing Area (82 acres \pm) and an oil field waste Landfill (100 acres \pm), and related infrastructure (118 acres \pm). At full build-out, the Processing Area may include an oil treatment facility consisting of an estimated 8 produced water load-out points, 12 produced water receiving tanks, 48 produced water settling tanks, 12 evaporation ponds, 5 crude oil recovery tanks, and 5 oil sales tanks; as well as 1 stabilization and solidification area; and a customer jet wash (8 bays). The Landfill disposal footprint is 100 acres \pm with a waste capacity (gross airspace) of approximately 14.6 million cubic yards. In addition, various support facilities, including: a Scalehouse, waste acceptance/security features, roads, emergency shower and eyewash station, and stormwater detention basins are included with the Lea Land Facility footprint.
4. **Depth and quality of shallowest aquifer:** Based upon information projected from water wells in the region of the Lea Land site, as well as on-site monitoring wells, the shallowest potential subsurface water in the vicinity is within the Dewey Lake Redbeds, the saturated zones for which are approximately 180 feet (ft) below ground surface (bgs) at the Lea Land site. In addition, the Lea Land site characterization boring investigation results demonstrate that no shallow water is present above a depth of 180 ft bgs at any of the boring locations, and is produced in very small quantities (i.e., limited recharge). The on-site monitor wells are completed within the Dewey Lake Redbeds. Chemical analyses from these wells generally indicate a total dissolved solids concentration of approximately 800 milligrams per liter (mg/L) and a sulfate concentration of approximately 400 mg/L.
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