

NM1 - 35

Draft
PERMITS,
RENEWALS, &
MODS
2009

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, July 21, 2009 4:57 PM
To: 'Saralyn Hall'
Subject: RE: second revision of the minor modification request for OCD Permit NM-01-0035 (Lea Land Landfill)

Dear Saralyn,

This looks good – assuming that you will also provide photo documentation of any cell construction and a revised engineering drawing(s) to reflect the erosion controls.
In addition to the Form C-137, please refer to your other attachments in your cover letter; i.e., engineering drawing(s), photo documentation, installation certification, etc.).

Let me know if you have any questions.

Edward J. Hansen
Hydrologist
Environmental Bureau
505-476-3489

From: Saralyn Hall [mailto:shall119@cox.net]
Sent: Thursday, July 09, 2009 2:30 PM
To: Hansen, Edward J., EMNRD
Subject: Re: second revision of the minor modification request for OCD Permit NM-01-0035 (Lea Land Landfill)

Hi Ed,

I have attached the latest revision to the cover letter you requested. I left the content of the second letter the same and then added the information detailed in your e-mail. That way, you can discard the second cover letter. I didn't change the Form C-137 or the attachments.

Please review the cover letter and let me know if you will need additional information. When it is finalized, then I'll send a signed hardcopy and a copy of the revised Figure 2.

Thanks,

Saralyn

Saralyn Hall, P.E.
Lea Land, LLC
405-519-1187
405-285-4645 (f)
shall119@cox.net

----- Original Message -----

From: Hansen, Edward J., EMNRD
To: shall119@cox.net
Cc: Jones, Brad A., EMNRD
Sent: Thursday, June 25, 2009 3:27 PM

Subject: second revision of the minor modification request for OCD Permit NM-01-0035 (Lea Land Landfill)

Dear Saralyn,

Just wanted to follow up on our conversation of last week regarding a second revision to your permit modification request. As we discussed, in addition to what you have proposed, I recommend the following revisions:

1. Change the increase in the cell size limit from 3 acres to **3.8** acres (current size limit is 2.75 acres). Please include a justification (e.g., due to liner construction logistics).
2. Please provide photo documentation of any cell construction.
3. Please propose a method of erosion control on the side slopes with a 25% grade. Some options may include: lined and armored down chutes; gravel mulch; benching at least every 100 linear feet; or a combination of these options. Please provide a revised engineering drawing to reflect the erosion controls.
4. Please provide a brief narrative of current operations and how Lea Land will comply with Part 36 [e.g., currently disposing of waste in Stage 5 (Cell #5) and will dispose of waste in other individual cells to bring to final grade; the waste acceptance criteria in our permit is similar to that of Part 36; the intermediate cover will be stabilized with vegetation (*specify seed mixture and application rate*) and be inspected (*monthly*) and maintained to prevent and manage infiltration or leachate; the closure requirements at the time of closure of the current 16 acres (Stages 1 – 6) will be followed; etc.]; also, please indicate that Lea Land will notify the OCD prior to commencement of construction (i.e., lining) of Stage 6 (Cell #6).

Let me know if you have any questions regarding this matter.

Edward J. Hansen
Hydrologist
Environmental Bureau
505-476-3489

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

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Lea Land LLC

July 10, 2009

Mr. Edward J. Hansen
Hydrologist
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: **Revised Minor Permit Modification**
Lea Land, LLC Landfill
Permit NM-1-0035
Section 32, Township 20 South, Range 32 East, Lea County, New Mexico

Dear Mr. Hansen,

Per your letter of April 21, 2009, Lea Land, LLC would like to rescind the Request for Variance as requested in our letter of April 10, 2009.

In addition, Lea Land, LLC wishes to request the following minor permit modifications:

- 1) Requests permission to eliminate the current landfarming permit conditions.
- 2) **Increase the size of each new cell (or stage) to 3.8 acres from 2.75 acres (refer to Figure 1).** The landfill is developed with a 2% sub-grade in two directions, with permanent berms at the low elevation of the sub-grade, resulting in forming an area for the storm water to collect. The relatively low rainfall in this area will allow for evaporation of the collected water. Should the collected water exceed the practical evaporation rate, the excess water will be transferred to the existing HDPE-lined storm-water management area. As cells are constructed, intermediate berms are added to control storm water run-on and run-off. A larger cell area is needed to allow for the intermediate berm and still be able to maintain a working space of approximately 3 acres.
- 3) **Request permission for vertical expansion above the existing grade as shown in Figure 2.** The working face in the disposal area will start in the down gradient area, working out and away from the low elevation end of the cell, maintaining a 25% gradient as the disposal cell fills and expands.

Corporate Office Located at 1300 W. Main Street, Oklahoma City, OK 73106
Phone: 405-236-4257; Fax: 405-236-4261
Landfill Located at Mile Marker 64, US Highway 62/180 East, Carlsbad, NM 88220
Phone: 575-887-4048; Fax: 575-887-7640

The previous cell was operated in this manner, extending the lined area at a nominal 3 acres each time more lined area was required to maintain sufficient space for disposal. The cells area will develop in stages to a complete 16 acres inside the surrounding berms. The nominal vertical expansion will finish at 50 feet with a maximum 7% gradient across the top of the finished landfill area.

Lea Land is currently disposing of waste in Stage 5 (Cell # 5) and will dispose of waste in other individual cells to reach final grade. Lea Land's waste acceptance criteria, as described in our permit, are similar to Part 36 requirements.

As required by 19.15.36.14 (A)(7), cells that are not receiving oil field waste for one month or more, but have not achieved the final waste elevation, will contain 12 inches of intermediate cover, which will be stabilized with vegetation using the current, supplier-recommended seed mixture and application rate. The intermediate cover will be inspected monthly and maintained to prevent and manage infiltration or leachate.

Lea Land will notify the OCD prior to commencement of construction (or liner installation) of Stage # 6 (Cell # 6) and prior to any additional landfill construction beyond the current 16-acre footprint, where updated design and placement plans will be provided.

Within one year of achieving the final waste elevation of the current 16 acres (Stages 1 – 6), landfill cover will be installed in accordance with Part 36 requirements at the time of closure. Lea Land will provide a minimum of three working days notice to the OCD prior to the final cover installation.

An updated Form C-137 is also attached.

If you have any questions, I can be reached at 405-236-4257. Thank you for your prompt response to our previous letter.

Very truly yours,

Robert G. Hall
Managing Partner

Hansen, Edward J., EMNRD

From: Saralyn Hall [shall119@cox.net]
Sent: Thursday, July 09, 2009 2:30 PM
To: Hansen, Edward J., EMNRD
Subject: Re: second revision of the minor modification request for OCD Permit NM-01-0035 (Lea Land Landfill)
Attachments: OCD - OCD Minor Permit Modification - Cover Letter.doc

Hi Ed,

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Please review the cover letter and let me know if you will need additional information. When it is finalized, then I'll send a signed hardcopy and a copy of the revised Figure 2.

Thanks,

Saralyn

Saralyn Hall, P.E.
Lea Land, LLC
405-519-1187
405-285-4645 (f)
shall119@cox.net

----- Original Message -----

From: Hansen, Edward J., EMNRD
To: shall119@cox.net
Cc: Jones, Brad A., EMNRD
Sent: Thursday, June 25, 2009 3:27 PM
Subject: second revision of the minor modification request for OCD Permit NM-01-0035 (Lea Land Landfill)

Dear Saralyn,

Just wanted to follow up on our conversation of last week regarding a second revision to your permit modification request. As we discussed, in addition to what you have proposed, I recommend the following revisions:

1. Change the increase in the cell size limit from 3 acres to **3.8** acres (current size limit is 2.75 acres). Please include a justification (e.g., due to liner construction logistics).
2. Please provide photo documentation of any cell construction.
3. Please propose a method of erosion control on the side slopes with a 25% grade. Some options may include: lined and armored down chutes; gravel mulch; benching at least every 100 linear feet; or a combination of these options. Please provide a revised engineering drawing to reflect the erosion controls.

4. Please provide a brief narrative of current operations and how Lea Land will comply with Part 36 [e.g.,
✓ currently disposing of waste in Stage 5 (Cell #5) and will dispose of waste in other individual cells to bring to
✓ final grade; the waste acceptance criteria in our permit is similar to that of Part 36; the intermediate cover will
✓ be stabilized with vegetation (*specify seed mixture and application rate*) and be inspected (*monthly*) and
✓ maintained to prevent and manage infiltration or leachate; the closure requirements at the time of closure of
✓ as the current is at (stages 1-6) will be followed, etc.] - OCD will be revised prior to construction of stage 6

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Thursday, June 25, 2009 2:28 PM
To: 'shall119@cox.net'
Cc: Jones, Brad A., EMNRD
Subject: second revision of the minor modification request for OCD Permit NM-01-0035 (Lea Land Landfill)

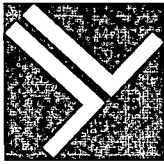
Dear Saralyn,

Just wanted to follow up on our conversation of last week regarding a second revision to your permit modification request. As we discussed, in addition to what you have proposed, I recommend the following revisions:

1. Change the increase in the cell size limit from 3 acres to **3.8** acres (current size limit is 2.75 acres). Please include a justification (e.g., due to liner construction logistics).
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4. Please provide a brief narrative of current operations and how Lea Land will comply with Part 36 [e.g., currently disposing of waste in Stage 5 (Cell #5) and will dispose of waste in other individual cells to bring to final grade; the waste acceptance criteria in our permit is similar to that of Part 36; the intermediate cover will be stabilized with vegetation (*specify seed mixture and application rate*) and be inspected (*monthly*) and maintained to prevent and manage infiltration or leachate; the closure requirements at the time of closure of the current 16 acres (Stages 1 – 6) will be followed; etc.]; also, please indicate that Lea Land will notify the OCD prior to commencement of construction (i.e., lining) of Stage 6 (Cell #6).

Let me know if you have any questions regarding this matter.

Edward J. Hansen
Hydrologist
Environmental Bureau
505-476-3489



Lea Land LLC

RECEIVED

2009 JUN 2 PM 3 42

June 2, 2009

Mr. Edward J. Hansen
Hydrologist
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: **Revised Minor Permit Modification**
Lea Land, LLC Landfill
Permit NM-1-0035
Section 32, Township 20 South, Range 32 East, Lea County, New Mexico

Dear Mr. Hansen,

Per your letter of April 21, 2009, Lea Land, LLC would like to rescind the Request for Variance as requested in our letter of April 10, 2009.

In addition, Lea Land, LLC wishes to request the following minor permit modifications:

- 1) Request permission to eliminate the current landfarming permit conditions.
- 2) **Increase the size of each new cell (or stage) to 3 acres from 2.75 acres (refer to Figure 1).** The landfill is developed with a 2% sub-grade in two directions, with permanent berms at the low elevation of the sub-grade, resulting in forming an area for the storm water to collect. The relatively low rainfall in this area will allow for evaporation of the collected water. Should the collected water exceed the practical evaporation rate, the excess water will be transferred to the existing HDPE-lined storm-water management area.
- 3) **Request permission for vertical expansion above the existing grade as shown in Figure 2.** The working face in the disposal area will start in the down gradient area, working out and away from the low elevation end of the cell, maintaining a 25% gradient as the disposal cell fills and expands.

Mr. Edward J. Hansen

June 2, 2009

Page 2

The previous cell was operated in this manner, extending the lined area at a nominal 3 acres each time more lined area was required to maintain sufficient space for disposal. The cells area will develop in stages to a complete 16 acres inside the surrounding berms. The nominal vertical expansion will finish at 50 feet with a maximum 7% gradient across the top of the finished landfill area.

As required by 19.15.36.14 (A)(7), cells that are not receiving oil field waste for one month or more, but have not achieved the final waste elevation, will contain 12 inches of intermediate cover.

An updated Form C-137 is enclosed.

Lea Land will notify the OCD prior to any additional landfill construction beyond the current 16-acre footprint and provide updated design and placement plans.

If you have any questions, I can be reached at 405-236-4257. Thank you for your prompt response to our previous letter.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert G. Hall", written in a cursive style.

Robert G. Hall
Managing Partner

RGH/lg

Enclosure

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For State Use Only:

Form C-137
Revised March 1, 2007

Submit 1 Copy to Santa Fe Office

APPLICATION FOR SURFACE WASTE MANAGEMENT FACILITY

A meeting should be scheduled with the Division's Santa Fe office Environmental Bureau prior to pursuing an application for a surface waste management facility in order to determine if the proposed location is capable of satisfying the siting requirements of Subsections A and B of 19.15.36.13 NMAC for consideration of an application submittal.

1. Application: ☐ New ☒ Modification ☐ Renewal
2. Type: ☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfill ☐ Landfarm ☐ Other
3. Facility Status: ☒ Commercial ☐ Centralized
4. Operator: Lea Land, LLC

Address: 1300 W. Main St., Oklahoma City, Oklahoma 73106

Contact Person: Robert G. Hall Phone: 405-236-4257

5. Location: -- /4 -- /4 Section 32 Township 20 South Range 32 East

6. Is this an existing facility? ☒ Yes ☐ No If yes, provide permit number NM-1 0035

7. Attach the names and addresses of the applicant and principal officers and owners of 25 percent or more of the applicant. Specify the office held by each officer and identify the individual(s) primary responsible for overseeing management of the facility.

8. Attach a plat and topographic map showing the surface waste management facility's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the surface waste management facility site; watercourses; fresh water sources, including wells and springs; and inhabited buildings within one mile of the site's perimeter.

9. Attach the names and addresses of the surface owners of the real property on which the surface waste management facility is sited and surface owners of the real property within one mile of the site's perimeter.

10. Attach a description of the surface waste management facility with a diagram indicating the location of fences and cattle guards, and detailed construction/installation diagrams of pits, liners, dikes, piping, sprayers, tanks, roads, fences, gates, berms, pipelines crossing the surface waste management facility, buildings and chemical storage areas.

11. Attach engineering designs, certified by a registered professional engineer, including technical data on the design elements of each applicable treatment, remediation and disposal method and detailed designs of surface impoundments.

12. Attach a plan for management of approved oil field wastes that complies with the applicable requirements contained in 19.15.36.13, 19.15.36.14, 19.15.36.15 and 19.15.36.17 NMAC.

13. Attach an inspection and maintenance plan that complies with the requirements contained in Subsection L of 19.15.36.13 NMAC.

14. Attach a hydrogen sulfide prevention and contingency plan that complies with those provisions of 19.15.3.118 NMAC that apply to surface waste management facilities.

15. Attach a closure and post closure plan, including a responsible third party contractor's cost estimate, sufficient to close the surface waste management facility in a manner that will protect fresh water, public health, safety and the environment (the closure and post closure plan shall comply with the requirements contained in Subsection D of 19.15.36.18 NMAC).

16. Attach a contingency plan that complies with the requirements of Subsection N of 19.15.36.13 NMAC and with NMSA 1978, Sections 12-12-1 through 12-12-30, as amended (the Emergency Management Act).

17. Attach a plan to control run-on water onto the site and run-off water from the site that complies with the requirements of Subsection M of 19.15.36.13 NMAC.

18. In the case of an application to permit a new or expanded landfill, attach a leachate management plan that describes the anticipated amount of leachate that will be generated and the leachate's handling, storage, treatment and disposal, including final post closure options.

19. In the case of an application to permit a new or expanded landfill, attach a gas safety management plan that complies with the requirements of Subsection O of 19.15.36.13 NMAC

20. Attach a best management practice plan to ensure protection of fresh water, public health, safety and the environment.

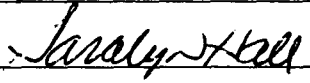
21. Attach a demonstration of compliance with the siting requirements of Subsections A and B of 19.15.36.13 NMAC.

22. Attach geological/hydrological data including:
- (a) a map showing names and location of streams, springs or other watercourses, and water wells within one mile of the site;
 - (b) laboratory analyses, performed by an independent commercial laboratory, for major cations and anions; benzene, toluene, ethyl benzene and xylenes (BTEX); RCRA metals; and total dissolved solids (TDS) of ground water samples of the shallowest fresh water aquifer beneath the proposed site;
 - (c) depth to, formation name, type and thickness of the shallowest fresh water aquifer;
 - (d) soil types beneath the proposed surface waste management facility, including a lithologic description of soil and rock members from ground surface down to the top of the shallowest fresh water aquifer;
 - (e) geologic cross-sections;
 - (f) potentiometric maps for the shallowest fresh water aquifer; and
 - (g) porosity, permeability, conductivity, compaction ratios and swelling characteristics for the sediments on which the contaminated soils will be placed.

23. In the case of an existing surface waste management facility applying for a minor modification, describe the proposed change and identify information that has changed from the last C-137 filing.

24. The division may require additional information to demonstrate that the surface waste management facility's operation will not adversely impact fresh water, public health, safety or the environment and that the surface waste management facility will comply with division rules and orders

25. CERTIFICATION
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name: Saralyn Hall Title: Marketing Manager
Signature:  Date: May 8, 2009
E-mail Address: Shall119@cox.net

**MINOR PERMIT MODIFICATION
LEA LAND, LLC
SUPPLEMENT TO FORM C-137**

Attachment 7

Robert G. Hall is the Managing Partner of Lea Land, LLC.

Attachment 8

Refer to Figure 1.

Attachment 9

Lea Land, LLC and the Bureau of Land Management are the only surface owners of the real property for the landfill facility and within 1 mile of the site's perimeter.

Attachment 10

Refer to Attachment 6 of the original permit and Figures 1 & 2.

Attachment 11

Refer to Figure 2.

Attachment 12

Management of approved oil field wastes is as described in Attachment 9 of Lea Land's original permit application (January 2000) and in the current permit dated April 27, 2001. Waste acceptance procedures and waste manifesting are also described in Attachment 9 of the original permit.

Attachment 13

Refer to Attachment 9 of the original permit.

Attachment 14

Not applicable – no liquids accepted.

Attachment 15

Refer to Attachment 10 of the original permit and the supplemental information of February 6, 2001.

Attachment 16

Refer to Attachment 8 of the original permit.

Attachment 17

Refer to Appendix A (Stormwater Discharge Pollution Prevention Plan) of the original permit and Figure 2.

Attachment 18

Not applicable – no change in leachate management procedures.

Attachment 19

Not applicable – no liquids accepted.

Attachment 20

Refer to Attachment 9 of the original permit.

Attachment 21

Lea Land complies with the siting requirements of 19.15.36.13 NMAC A & B (refer to Figure 1). Lea Land is:

- not located where ground water is less than 100 feet below the top of the oil field waste;
- not located within 200 feet of a watercourse, lakebed, sinkhole or playa lake;
- not located within or within 500 feet of a wetland;
- not located overlying a subsurface mine;
- not located within 500 feet of any commercial or residential property;
- and,
- the permitted area does not exceed 500 acres.

Attachment 22

Refer to Attachment 11 of the original permit.

Attachment 23

Proposed changes to the Lea Land, LLC permit are as described above. Additional cells were constructed as described in Attachment 7 of the original permit (see attached Installation Certification) and in the supplemental information dated February 6, 2001. Updated design and placement plans are found in Figures 1 & 2 of this submittal.

INSTALLATION CERTIFICATION

LEA LAND, LLC LANDFILL

I hereby certify that the construction of the 2nd, 3rd, 4th and 5th stages (or cells) of the active area of the Lea Land, LLC Landfill was performed in compliance with the attached Design and Placement Plan (Figures 1 and 2). I certify that the composite liner and leachate collection systems are as described in Attachment 7 of Lea Land's original permit application (January 2000) and in Lea Land's permit (April 27, 2001).

Signature: *Imaly Hall*

Date: *5/8/09*

Title: *Marketing Manager*



RECEIVED
2009 MAY 8 AM 11 47

May 8, 2009

Mr. Edward J. Hansen
Hydrologist
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Minor Permit Modification
Lea Land, LLC Landfill
Permit NM-1-0035
Section 32, Township 20 South, Range 32 East, Lea County, New Mexico

Dear Mr. Hansen,

Per your letter of April 21, 2009, Lea Land, LLC would like to rescind the Request for Variance as requested in our letter of April 10, 2009.

In addition, Lea Land, LLC wishes to request the following minor permit modifications:

- 1) Discontinue landfarming at Lea Land and therefore, requests permission to eliminate the current landfarming permit conditions.
- 2) **Increase the size of each new cell (or stage) to 3 acres from 2.75 acres (refer to Figure 1).** The landfill is developed with a 2% sub-grade in two directions, with permanent berms at the low elevation of the sub-grade, resulting in forming an area for the storm water to collect. The relatively low rainfall in this area will allow for evaporation of the collected water. Should the collected water exceed the practical evaporation rate, the excess water will be transferred to the existing HDPE-lined storm-water management area.
- 3) **Request permission for vertical expansion above the existing grade as shown in Figure 2.** The working face in the disposal area will start in the down gradient area, working out and away from the low elevation end of the cell, maintaining a 25% gradient as the disposal cell fills and expands.

Mr. Edward J. Hansen
May 8, 2009
Page 2

The previous cell was operated in this manner, extending the lined area at a nominal 3 acres each time more lined area was required to maintain sufficient space for disposal. The cells area will develop in stages to a complete 16 acres inside the surrounding berms. The nominal vertical expansion will finish at 25 to 30 feet with a 3% gradient across the top of the finished landfill area.

The plan to conform to 19.15.36 NMAC is included in the attached Form C-137.

Lea Land will notify the OCD prior to the construction of any new cells and provide updated design and placement plans, as needed.

If you have any questions, I can be reached at 405-236-4257. Thank you for your prompt response to our previous letter.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert G. Hall", written in a cursive style.

Robert G. Hall
Managing Partner

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State of New Mexico
Energy Minerals and Natural Resources

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

For State Use Only

Form C-137
Revised March 1, 2007

Submit 1 Copy to Santa Fe Office

APPLICATION FOR SURFACE WASTE MANAGEMENT FACILITY

A meeting should be scheduled with the Division's Santa Fe office Environmental Bureau prior to pursuing an application for a surface waste management facility in order to determine if the proposed location is capable of satisfying the siting requirements of Subsections A and B of 19.15.36.13 NMAC for consideration of an application submittal.

1. Application: ☐ New ☒ Modification ☐ Renewal
2. Type: ☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfill ☐ Landfarm ☐ Other
3. Facility Status: ☒ Commercial ☐ Centralized
4. Operator: Lea Land, LLC
Address: 1300 W. Main St., Oklahoma City, Oklahoma 73106
Contact Person: Robert G. Hall Phone: 405-236-4257
5. Location: --- /4 --- /4 Section 32 Township 20 South Range 32 East
6. Is this an existing facility? ☒ Yes ☐ No If yes, provide permit number NM-1 0035
7. Attach the names and addresses of the applicant and principal officers and owners of 25 percent or more of the applicant. Specify the office held by each officer and identify the individual(s) primary responsible for overseeing management of the facility.
8. Attach a plat and topographic map showing the surface waste management facility's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the surface waste management facility site; watercourses; fresh water sources, including wells and springs; and inhabited buildings within one mile of the site's perimeter.
9. Attach the names and addresses of the surface owners of the real property on which the surface waste management facility is sited and surface owners of the real property within one mile of the site's perimeter.
10. Attach a description of the surface waste management facility with a diagram indicating the location of fences and cattle guards, and detailed construction/installation diagrams of pits, liners, dikes, piping, sprayers, tanks, roads, fences, gates, berms, pipelines crossing the surface waste management facility, buildings and chemical storage areas.
11. Attach engineering designs, certified by a registered professional engineer, including technical data on the design elements of each applicable treatment, remediation and disposal method and detailed designs of surface impoundments.
12. Attach a plan for management of approved oil field wastes that complies with the applicable requirements contained in 19.15.36.13, 19.15.36.14, 19.15.36.15 and 19.15.36.17 NMAC.
13. Attach an inspection and maintenance plan that complies with the requirements contained in Subsection L of 19.15.36.13 NMAC.
14. Attach a hydrogen sulfide prevention and contingency plan that complies with those provisions of 19.15.3.118 NMAC that apply to surface waste management facilities.

15. Attach a closure and post closure plan, including a responsible third party contractor's cost estimate, sufficient to close the surface waste management facility in a manner that will protect fresh water, public health, safety and the environment (the closure and post closure plan shall comply with the requirements contained in Subsection D of 19.15.36.18 NMAC).

16. Attach a contingency plan that complies with the requirements of Subsection N of 19.15.36.13 NMAC and with NMSA 1978, Sections 12-12-1 through 12-12-30, as amended (the Emergency Management Act).

17. Attach a plan to control run-on water onto the site and run-off water from the site that complies with the requirements of Subsection M of 19.15.36.13 NMAC.

18. In the case of an application to permit a new or expanded landfill, attach a leachate management plan that describes the anticipated amount of leachate that will be generated and the leachate's handling, storage, treatment and disposal, including final post closure options.

19. In the case of an application to permit a new or expanded landfill, attach a gas safety management plan that complies with the requirements of Subsection O of 19.15.36.13 NMAC

20. Attach a best management practice plan to ensure protection of fresh water, public health, safety and the environment.

21. Attach a demonstration of compliance with the siting requirements of Subsections A and B of 19.15.36.13 NMAC.

22. Attach geological/hydrological data including:

- (a) a map showing names and location of streams, springs or other watercourses, and water wells within one mile of the site;
- (b) laboratory analyses, performed by an independent commercial laboratory, for major cations and anions; benzene, toluene, ethyl benzene and xylenes (BTEX); RCRA metals; and total dissolved solids (TDS) of ground water samples of the shallowest fresh water aquifer beneath the proposed site;
- (c) depth to, formation name, type and thickness of the shallowest fresh water aquifer;
- (d) soil types beneath the proposed surface waste management facility, including a lithologic description of soil and rock members from ground surface down to the top of the shallowest fresh water aquifer;
- (e) geologic cross-sections;
- (f) potentiometric maps for the shallowest fresh water aquifer; and
- (g) porosity, permeability, conductivity, compaction ratios and swelling characteristics for the sediments on which the contaminated soils will be placed.

23. In the case of an existing surface waste management facility applying for a minor modification, describe the proposed change and identify information that has changed from the last C-137 filing.


24. The division may require additional information to demonstrate that the surface waste management facility's operation will not adversely impact fresh water, public health, safety or the environment and that the surface waste management facility will comply with division rules and orders

25. CERTIFICATION

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name: Saralyn Hall

Title: Marketing Manager

Signature: 

Date: May 8, 2009

E-mail Address: Shall119@cox.net

**MINOR PERMIT MODIFICATION
LEA LAND, LLC
SUPPLEMENT TO FORM C-137**

Attachment 7

Robert G. Hall is the Managing Partner of Lea Land, LLC.

Attachment 8

Refer to Figure 1.

Attachment 9

Lea Land, LLC is the only surface owner of the real property for the landfill facility and within 1 mile of the site's perimeter.

Attachment 10

Refer to Figures 1 & 2.

Attachment 11

Refer to Figure 2.

Attachment 12

Refer to Attachment 9 of the original permit (January 2000).

Attachment 13

Refer to Attachment 9 of the original permit.

Attachment 14

Not applicable – no liquids accepted.

Attachment 15

Refer to Attachment 10 of the original permit.

Attachment 16

Refer to Attachment 8 of the original permit.

Attachment 17

Refer to Appendix A of the original permit – Stormwater Pollution Prevention Plan

Attachment 18

Not applicable – no change in leachate management procedures.

Attachment 19

Not applicable – no liquids accepted.

Attachment 20

Refer to Attachment 9 of the original permit.

Attachment 21

Refer to Figure 1.

Attachment 22

Refer to Attachment 11 of the original permit.

Attachment 23

Proposed changes to the Lea Land, LLC permit are as described above. Additional cells were constructed as described in Attachment 7 of the original permit (see attached Installation Certification). Updated design and placement plans are found in Figures 1 & 2 of this submittal.

INSTALLATION CERTIFICATION

LEA LAND, LLC LANDFILL

I hereby certify that the construction of the 2nd, 3rd, 4th and 5th stages (or cells) of the active area of the Lea Land, LLC Landfill was performed in compliance with the attached Design and Placement Plan (Figures 1 and 2). I certify that the composite liner and leachate collection systems are as described in Attachment 7 of Lea Land's original permit application (January 2000) and in Lea Land's permit (April 27, 2001).

Signature: *Annalya Hall*

Date: *5/8/09*

Title: *Marketing Manager*