MARYLAND DEPARTMENT OF THE ENVIRONMENT

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(410) 631-3000 • 1-800-633-6101 • http:// www. mde. state. md. us

SOLID WASTE MANAGEMENT INSPECTION FORM – LANDFILL CONSTRUCTION, CLOSURE, AND POST-CLOSURE

GENERAL INFORMATION

Site Name: Gude Landfill
Date: 11/17/08 Time In: 11AM Time Out: 1:10PM
Location: 600 E. Gude Drive, Rockville, 20850 County: Montgomery
Permit # (Former #) 73-15-04-02A
Permittee: Montgomery County Government
Field Conditions: Damp
Weather: ~48°F, Partly Cloudy (Recent Rains)

LANDFILL CONSTRUCTION	Y	N/A	N
1. Notice was given to MDE prior to construction.			
2. Cell floor is excavated and graded in accordance with approved plans.			
3. Sub-base for floor liner is properly prepared.			
4. Liner materials and design are approved by MDE.			
5. Sub-base lifts do not exceed 6 inches.			
6. Sub-base lifts are compacted as required.			
7. Continuous monitoring of sub-base construction and seaming of geomembrane is conducted.			
8. Approved quality control plans for sub-base and liner installation are implemented.			
9. A plan for installation of geomembrane sections was submitted to MDE 10 days prior to installation.			
10. All liner field seams are inspected and tested.			
11. All liner imperfections are repaired or replaced.			
12. Pipes and fittings for leachate collection system are certified by the manufacturer.			
13. Collection pipes are inspected prior to installation.			
14. Pipe projections through the liner are installed in accordance with approved plans.			
15. Leachate collection pipes, tanks, and sumps are tested after installation.			
16. Waste is not placed in new cell until:			
a. Monitoring wells have been sampled.			
b. Liner and leachate collection system is installed.			
c. Protective layer has been placed over leachate collection system.			
17. A 4 foot protective layer of domestic waste is placed over the protective layer of the liner or leachate collection system prior to compaction.			
18. Heavy equipment or haul vehicles are excluded until the 4 foot protective layer is in place.			
19. Construction is limited to approved daylight hours.			

LANDFILL CLOSURE	Y	N/A	N
20. Closure plan is submitted to MDE at least 6 months prior to cessation of landfilling.			
21. Final lift was completed on _____ (date).			
22. Capping was begun within 2 years following completion of final lift.			
23. Cap was completed within 3 years following completion of final lift.			
24. Cap is being constructed in accordance with approved plans.			
25. Site is adequately stabilized.			
26. Gas vents are installed and functional.			
27. Erosion, health and safety hazards, nuisances, and observable pollution are prevented.			
28. No wastes remain that are not properly disposed of.			
29. Closure activity for Municipal Landfill (MLF) began within 30 days of known final receipt of wastes, or, if additional capacity remains, within 1 year of most recent receipt of wastes, unless closure date has been extended by MDE.			
30. If MDE has granted an extension for closure, landfill has complied with the extended date.			
31. Closure plans have been placed in the operating record of the MLF.			
32. ~~Deed for site has been~~ modified as required.			
MLF POST-CLOSURE CARE			
33. A post-closure care plan has been prepared and placed in the operating record. SEE COMMENTS			
34. The plan includes: SEE COMMENTS			
a. A description of monitoring and maintenance activities, and their frequency.	✓		
b. Name, address, and phone of contact person.	✓		
c. Planned use of site during post-closure.	✓		
35. Integrity of cap and cover is maintained. SEE COMMENTS	✓		
36. Corrections are made for erosion, subsidence, etc.	✓		
37. Leachate collection system is maintained. SEE COMMENTS		✓	
38. Groundwater monitoring is maintained.	✓		
39. Monitoring wells are in good repair.	✓		
40. Gas monitoring system is maintained.	✓		
41. Drainage is adequate.	✓		
42. Erosion is controlled.	✓		
43. Leachate seeps are absent. See comments			
44. Permittee monitors site as required.	✓		

Communication with MDE address.

See Rept of Obs., also ("Comments")

Items continuing in non-compliance: _____

Items corrected since previous inspection: _____

Compliance assistance items: _____

INSPECTOR	PERMITTEE'S REPRESENTATIVE
NAME JAMES F. WAGNER	NAME Stephen [illegible]
TITLE AGENCY INSPECTOR PHONE (410) 631-3424	TITLE [illegible] III PHONE [illegible]
SIGNATURE James F. Wagner	SIGNATURE Stephen T. [illegible]

FAXED STEVE LEZWSKI A COPY 12/29/08

Form Number
Revision Date 1/5/99
TTY Users 1-800-735-2258

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MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE)

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WASTE MANAGEMENT ADMINISTRATION
Report of Observations

Case # _____

Type of Inspection/Observations: Solid Waste - Post-Closure Care of Landfill Date 11/17/08

Site/Facility Name: Rude Landfill (LF) Time In: 11AM

Location: 600 E. Rude Drive; Rockville 20850 (Montg. Co.) Time Out: 3 PM

Remarks: (Background) See Report of 11/13/08. An inspection of this closed landfill was set up for this morning.

(Observations & Actions)

- (Note, this inspection follows recent heavy rains)
- (See the accompanying checklist form, also)
- Present at the inspection were Peter Karasik, Steve Lezinski and David Rosenbaum of Montgomery County Division of Solid Waste Services, Naveen Kanayani of Montg. County Dept. of Environmental Protection (Water and Wastewater Policy), Kenneth M. Ives of Test America (Montg. Co. Environmental Testing Contractor), Andrew Breager and Myself of MDE.
- #33 on the checklist: Paul Colbert of MDE informed me that a formal post-closure care plan was not required for this LF because it closed prior to 1993. Concerning #34 on the checklist: these parameters of post-closure care have been addressed in communications with MDE.
- #35 on the checklist: a synthetic cap was not used here. A soil cap (in certain LF areas) using "chem fix" solidification agent was used. I saw no problems with breaches in this cover. Surface is well vegetated.
- #37 on the checklist: there is no leachate collection system here due to the age of the LF.
- #43 on the checklist. We focused our attention on looking for leachate seeps. We found only one area with some water containing an oily sheen (this was in the NW corner of the LF, ~100 ft from Crabbs Creek). Andrew, after consulting with Ed Dexter of MDE via phone, decided not to test this water. The water was contained in an ~4 ft x 8 ft x 2" natural depression. I will consult MDE about how the County might mitigate this possible leachate seep.
- No other leachate seeps were found in a diligent search. One gas monitoring well (#5) is in an area of slight subsidence on the (E) side of the LF. Peter and Steve will address this.

Observer: James P. Wagner, REGIONAL INSPECTOR Person Interviewed: Stephen T. Lezinski III

11/18/08 Correction should be inside. Notified Lezinski

FAXED STEVE LEZINSKI AT

Form Number MDE/WAS/Com.030
Revision Date 8/14/07
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