



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:										
Lined MSWLF		LCID		YW		Transfer		Compost	SLAS	COUNTY: Lincoln PERMIT NO.: 55-04 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P	FIRM	
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	SDTF	

Date of Site Inspection: **December 17 & 18, 2014**

Date of Last Inspection: **January 21, 2014**

FACILITY NAME AND ADDRESS:

Lake Norman Landfill, Inc.
 7099 Quarry Lane
 Stanley, NC 28164

GPS COORDINATES:

N: 35.43310° E: -81.01368°

FACILITY CONTACT NAME AND PHONE NUMBER:

Jeffery Geiss – Site Manager
 (704)-822-3033
 jgeiss@republicservices.com

FACILITY CONTACT ADDRESS:

Bart Keller – General Manager, Charlotte Post-Collections
 5105 Morehead Rd.
 Concord, NC 28072

PARTICIPANTS:

Jeffery Geiss, Site Manager – Lake Norman Landfill
 Bill Wagner, Environmental Senior Specialist – Solid Waste Section

STATUS OF PERMIT:

Permit (Document ID Number [DIN] 13233) issued April 1, 2011 Expires on April 1, 2016.

PURPOSE OF SITE VISIT:

Comprehensive Compliance Audit

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS:

None.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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ADDITIONAL COMMENTS

1. The facility's operating hours are:

Monday - Friday	7AM – 4PM
Saturday	Closed

2. Staff Certifications:

Name	Certification	Expiration Date
Jeffery Geiss	Landfill Operations Manager	2/11/ 2016
Robert "RC" Hare	Landfill Operations Specialist	April 2014

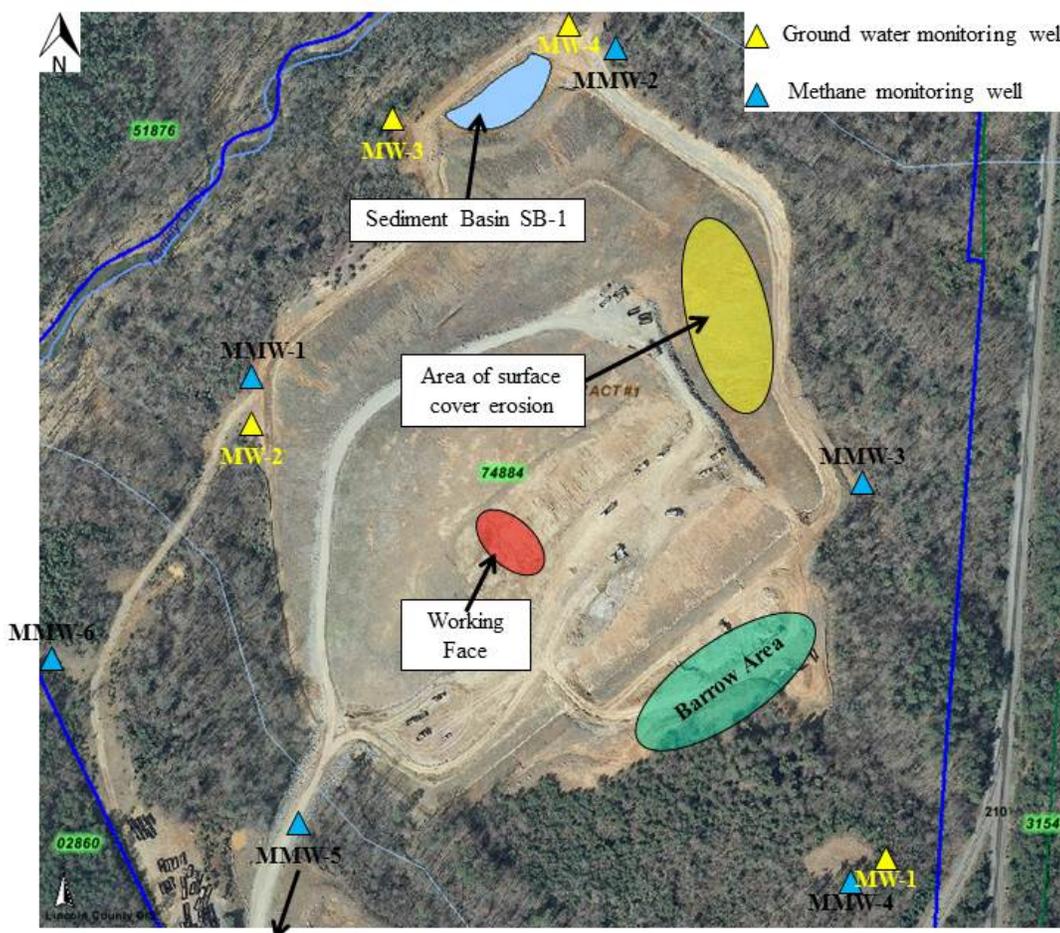


Figure 1: Lincoln Co. GIS Aerial of “Lake Norman Landfill” 55-04

3. Copies of the current Permit to Operated and the Operations Plan are maintained on site.
4. Proper signage is displayed at the entrance the landfill.
5. The facility is permitted to accept maximum total of approximately 200,000 tons per year.
6. The facility is currently accepting approximately 90 to 100-tons of waste per day.
7. The landfill was actively receiving waste during the audit. The operational area/working face was small and well maintained. (Figure 1 and Photo #1)
8. There are four monitoring wells in the groundwater monitoring networks (MW-1, MW-2, MW-3, and MW-4) that are sampled twice a year. Ground water samples were last collected for analysis on May 1, 2014 by *Herst Environmental Services, LLC*.

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1. Well managed working face.



2. Typical groundwater monitoring well with ID tag and padlock.

9. There are two surface water monitoring stations (SW-1 and SW-2) by *Herst Environmental Services, LLC*.
10. There are six landfill gas monitoring wells (MMW-1 through MMW-6). Landfill gas monitoring is conducted quarterly by *Blue Flame, LLC*. The most recent monitoring event occurred on November 13, 2014 when wells MMW-1 through MMW-6 were sampled. Two site buildings (scale house and the maintenance building) are also monitored quarterly.
11. Waste screening records were reviewed. Incoming waste loads are randomly screened two to three times a week.
12. Several sections of movable fencing are used to capture and control windblown litter
13. The edge-of-waste markers were in place at the time of the audit. (Photo #4)
14. Stormwater is well managed by the use of diversion berms and maintaining proper slopes. (Photo #3)



3. Newly install surface water diversion pipe to control stormwater runoff on the NE slopes of the landfill.



4. Typical edge-of-waste marker.

15. A “roll off box” is staged near the working face for the collection of scrap tires and other unacceptable wastes that the landfill staff removes from the waste stream.
16. Windblown litter was being collected by landfill staff during the inspection. (Photo #6)
17. The access roads to the C&D landfill were well marked and well maintained.
18. The access road to the groundwater and landfill gas monitoring wells can become muddy near the sediment basin. **Please ensure that the access road remains passable at all times.**

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5. Looking SW at the upper SE section of the landfill.



6. Landfill staff collecting windblown litter.

- 19. **Woody vegetation and small trees are starting to emerge on the NW slopes of the landfill – these items need to be removed.**
- 20. Grass cover on the south and east slopes is well established.
- 21. An inspection of groundwater and methane monitoring wells were identified with “well tags” and secured with padlocks. **The IDs on the methane monitoring wells (Photo #2) are not in agreement with the “IDs” that are indicated on facility maps Please ensure that all monitoring wells are marked with “IDs” that match the “IDs” that are indicated on facility maps and in facility monitoring reports.**

Please contact me if you have any questions or concerns regarding this inspection report.

 Bill Wagner
 Environmental Senior Specialist
Regional Representative

Phone: 828-296-4705

Sent on: 12/23/2014	X	Email		Hand delivery	X	US Mail	Certified No.
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ec: Deb Aja, Solid Waste Section – Western District Supervisor
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 Jeffery Geiss, Republic Services (jgeiss@republicservices.com)