



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		Incin		T&P		FIRM	
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

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

Date of Last Inspection: **May 17, 2013**

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 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	June 2016
Robert "RC" Hare	Landfill Operations Specialist	April 2014

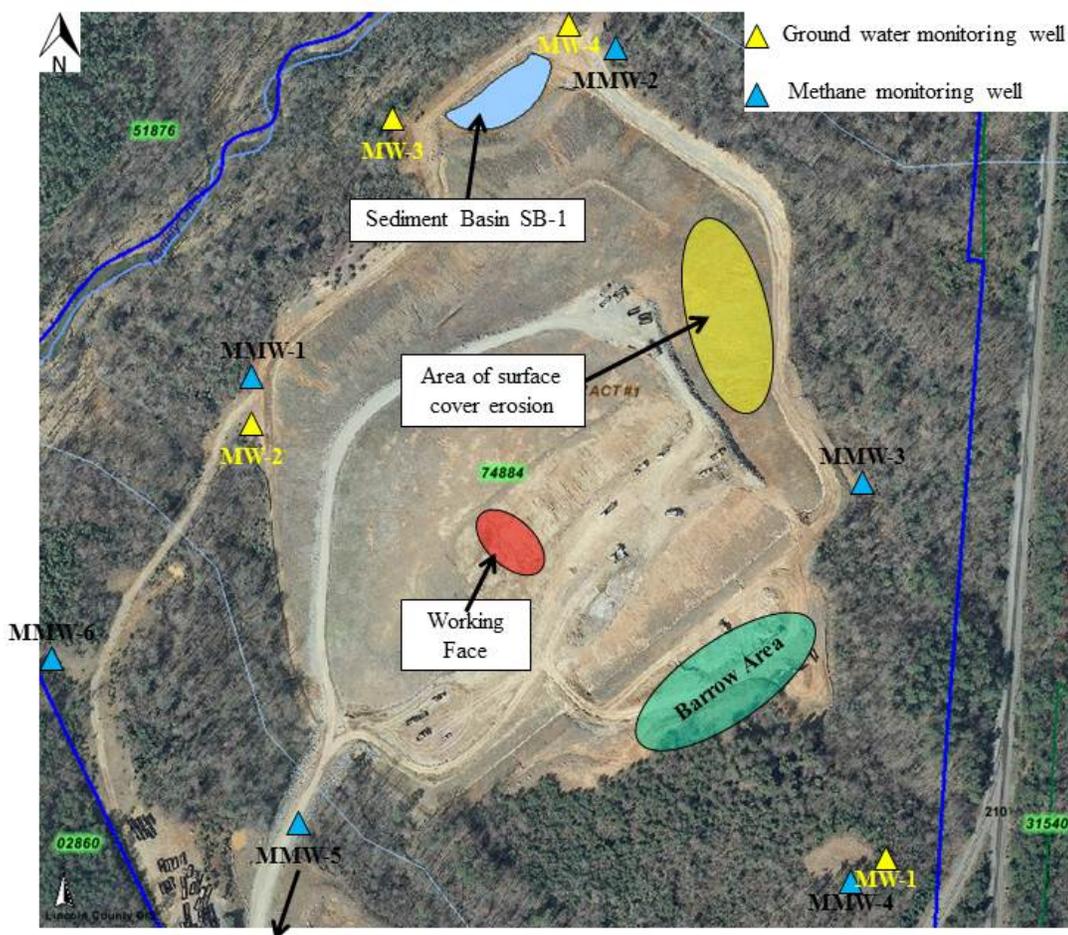


Figure 1: Lincoln Co. GIS Aerial of "Lake Norman Landfill" 55-04

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 250-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 October 29TH and 30TH, 2013 by *Herst Environmental Services, LLC*.

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1. Compactor at the 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). Surface water samples were last collected for analysis on October 29, 2013 by *Herst Environmental Services, LLC*.
10. There are six landfill gas monitoring wells (MMW-1 through MMW-6). Landfill gas monitoring is conducted semi-annually by *Blue Flame, LLC*. The most recent monitoring event occurred on January 3, 2014 when wells MMW-1 through MMW-6 were sampled. Two site buildings (scale house and the maintenance building) are also monitored semi-annually.
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. There was very little windblown material observed during this inspection.
13. There edge-of-waste markers were in place at the time of the audit. (Photo #4) **Please ensure that the edge-of-waste markers are properly maintained and readily visible at all times.**
14. The landfill has been subjected to recent localized heavy rains. (Approximately 4-inches on January 11TH.) Stormwater is well managed by the use of diversion berms and maintaining proper slopes.
15. As a result of the recent rain events, several areas of surface erosion developed on the northeast slopes of the landfill. These areas were in the process of being re-graded at the time of the inspection and arrangements have been made to re-seed the areas. No waste or sediment was observed outside of the limits of waste. (Photos #3& #4)



3. One of several areas of surface erosion on the NE slopes needs to be repaired and still needs to be seeded.



4. One of several areas of surface erosion on the NE slopes that has been repaired and still needs to be seeded. (Note the edge-of-waste marker at the lower right.)

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- 16. 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.
- 17. There was very little windblown litter observed.
- 18. The access roads to the C&D landfill were well marked and well maintained.
- 19. 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.** (Photo #5)
- 20. The perimeter stormwater ditch on the NE side of the landfill is filled with sediment and need to be cleaned out and re-worked. (Photo #6)



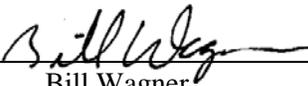
5. Looking SW down the monitoring well access road, near the sediment basin: Note the wet and muddy condition of the road.



6. Looking NW down the down the monitoring well access road on the NE side of the landfill: Note that the perimeter ditch is filled with sediment.

- 21. No woody vegetation or trees were observed on the landfill.
- 22. Grass cover on the south and east slopes is well established.
- 23. A random inspection of groundwater and methane monitoring wells were properly identified with “well tags” and secured with padlocks. **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: 1/23/2014, to CT Corporation – Registered Agent	X	Email	Hand delivery	X	US Mail	Certified No.
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ec: Jason Watkins, Solid Waste Section – Western District Supervisor
 Sarah Rice, Solid Waste Section – Compliance Officer
 Bart Keller, Republic Services (tkeller@republicservices.com)
 Jeffery Geiss, Republic Services (jgeiss@republicservices.com)