



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF	<input checked="" type="checkbox"/>	LCID		YW	<input checked="" type="checkbox"/>	Transfer		Compost		SLAS	COUNTY: Iredell PERMIT NO.: 49-03 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	<input checked="" type="checkbox"/>	Incineration		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF		Tire T&P / Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 11/21/13 and 12/18/13

Date of Last Inspection: 11/30/11

FACILITY NAME AND ADDRESS:

Iredell County Landfill
 354 Twin Oaks Road
 Statesville, North Carolina 28625

GPS COORDINATES: N: 35.77114 W: 80.82346

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: David Lambert, Iredell County Solid Waste Director
 Telephone: (704) 878-5432
 Email address: dlambert@co.iredell.nc.us

FACILITY CONTACT ADDRESS:

354 Twin Oaks Road
 Statesville, North Carolina 28625

PARTICIPANTS:

David Lambert, Iredell County Solid Waste Director (11/21/13 & 12/18/13)
 Roger Eades, Iredell County Solid Waste (12/18/13)
 Teresa Bradford, NCDENR – Solid Waste Section (11/21/13 & 12/18/13)
 Charles Gerstell, NCDENR – Solid Waste Section (11/21/13)

STATUS OF PERMIT:

The Permit to Construct Phase 5 and Permit to Operate Phase 1-4 was issued on May 8, 2013. The Permit to Construct will expire on May 8, 2018. The Permit to Operate will expire on July 20, 2018.

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

None

OBSERVED VIOLATIONS

15A NCAC 13B .0203 (d) “By receiving solid waste at a permitted facility, the permittee(s) shall be considered to have accepted the conditions of the permit and shall comply with the conditions of the permit.”

General Permit Condition #5 states “By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.”

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Approved Operations Plan Section 5.2.2(a) states “Except as in Part (b), The County must cover disposed solid waste with six inches of earthen material at the end of each operating day or at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter and scavenging.”

15A NCAC 13B .1626 (2)(a) states “Except as provided in Sub-Item (b) of this Item, the owners or operators of all MSWLF units must cover disposed solid waste with six inches of earthen material at the end of each operating day, or at more frequent intervals if necessary, to control disease vectors, fires, odors, blowing litter, and scavenging”.

The facility is in violation of the above portion of the Operations Manual and .1626(2)(a) in that waste was observed uncovered on the MSWLF on November 21, 2013. The facility had made progress on covering the areas observed on November 21, 2013, however, exposed waste was observed again on December 18, 2013 (see pictures below).



View of exposed waste due to insufficient application of alternative cover material (Posi-Shell). Photo taken 11/21/13.



View of waste exposed during the raising of methane extraction wells on the southern slope of the MSWLF. Photo taken 11/21/13.



View of exposed waste in an inactive area of the MSWLF. Photo taken 11/21/13.



View of exposed waste on an area of the MSWLF that was covered previous week. Photo taken 12/18/13.

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View of exposed waste on an area of the MSWLF that was covered previous week. Photo taken 12/18/13.

Corrective Action to be completed by December 31, 2013:

1. Apply adequate soil cover to all areas of exposed waste within the MSWLF to meet the requirements of .1626(2)(a), and the permit and operations plan conditions.

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.

ADDITIONAL COMMENTS

1. The facility has proper signage.
2. The facility is permitted to receive solid waste generated within Iredell County.

Operations Inspection of the MSW Landfill Unit:

3. Waste is currently being placed into Phase 4.
4. No unacceptable waste streams were observed in the MSWLF.
5. Edge of liner markers were observed.
6. All access roads were in good operational condition.
7. Continue to ensure that all windblown litter is collected and returned to the working face at the end of each operational day.
8. **The facility is permitted for the use of Posi-Shell as an alternative cover material (ACM). However, during the inspection, the application of Posi-Shell by landfill employees was determined to have not been applied sufficiently to meet the performance standards. Please be advised, the use of this ACM is performance based and the approval for continued use may be revoked at any time by the Division.**

Operations Inspection of the Closed C&D Landfill Unit:

9. The CDLF discontinued the acceptance of waste on June 27, 2008.
10. A good stand of vegetation was observed on the CDLF.
11. Edge of liner markers were observed.

Operations Inspection of the White Goods Collection Area:

12. This area was well managed at the time of inspection. Freon is extracted by landfill staff.

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Operations Inspection of the Tire Collection Area:

13. This area was well managed at the time of inspection. All tires were being collected in covered trailers and were being stored properly.

Operations Inspection of Mulching and Grinding/ Yard Waste/ Type 1 Small Composting Area:

- 14. This area was well managed at the time of inspection.
- 15. Land clearing waste and pallets are kept separated from yard waste material that is composted.
- 16. The facility received a Yard Waste Notification (YWN 49-007) on May 29, 2013.

Operations Inspection of the Asphalt Shingle Recycling Area:

17. The facility was issued an acknowledgement letter to conduct a demonstration project for an Asphalt Shingle Recycling Program on May 7, 2012 for a period of 180 days. In the acknowledgement letter, the facility was requested to submit a written summary report regarding the asphalt shingle recycling program. Please submit this information to John Murray, Regional Engineer.

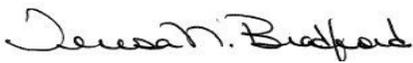
Records Review:

18. Reviewed permit, operations plan, financial assurance document, training records, semi-annual groundwater, surface water and leachate monitoring reports (January 2013 and July 2013), quarterly methane monitoring reports, random inspection records, waste determination records, leachate lagoon inspections, Freon extraction records, scrap tire certification records and shingle recycling records (tonnage and asbestos sampling).

19. Certified Operators are as followed:

- David Lambert – Manager of Landfill Operations expires May 7, 2016.
- Terry Church – Manager of Landfill Operations expires May 7, 2016.
- Susan Cornell – Certified Manager of Landfill Operations expires May 7, 2016.
- Timothy Marlow- Landfill Operations Specialist expires September 12, 2016.
- Wesley Feimster – Landfill Operations Specialist expires May 12, 2016.
- Randy Bass – Landfill Operations Specialist expires March 12, 2016.
- Jeff Freeze – Landfill Operations Specialist expires March 12, 2016.
- Terry Boller – Landfill Operations Specialist expires February 26, 2016.
- Sherry Grinton – Landfill Operations Specialist expires July 16, 2015.
- Kelsey Brown – Landfill Operations Specialist expires April 19, 2014.
- Charles Miller – Landfill Operations Specialist expires February 4, 2014.

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



Teresa N. Bradford
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2160

Sent on: <u>12/20/13</u>		Email		Hand delivery		US Mail	X	Certified No. <u>[7009 2250 0004 3265 7886]</u>
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ec: Jason Watkins, Western District Supervisor
Michael Scott, Solid Waste Section Chief
Sarah Rice, Compliance Officer