



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF	<input checked="" type="checkbox"/>	LCID	<input checked="" type="checkbox"/>	YW	<input type="checkbox"/>	Transfer	<input type="checkbox"/>	Compost	<input type="checkbox"/>	SLAS	<input type="checkbox"/>	COUNTY: Surry PERMIT NO.: 86-06 FILE TYPE: COMPLIANCE
Closed MSWLF	<input type="checkbox"/>	HHW	<input type="checkbox"/>	White goods	<input checked="" type="checkbox"/>	Incin	<input type="checkbox"/>	T&P	<input type="checkbox"/>	FIRM	<input type="checkbox"/>	
CDFL	<input type="checkbox"/>	Tire T&P / Collection	<input checked="" type="checkbox"/>	Tire Monofill	<input type="checkbox"/>	Industrial Landfill	<input type="checkbox"/>	DEMO	<input type="checkbox"/>	SDTF	<input type="checkbox"/>	

Date of Site Inspection: June 19, 2015

Date of Last Inspection: April 9, 2014

FACILITY NAME AND ADDRESS:

Surry County Municipal Solid Waste Landfill
 237 Landfill Road
 Mount Airy, North Carolina 27030

GPS COORDINATES: N: 36.43185 W: 80.57530

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Dennis Bledsoe, Public Works Director
 Telephone: (336) 401-8375
 Email address: bledsoed@co.surry.nc.us

FACILITY CONTACT ADDRESS:

Post Office Box 342
 Dobson, North Carolina 27017

PARTICIPANTS:

Dennis Bledsoe, Public Works Director
 Ricky Hawks, Public Works Office Coordinator
 Billy Southard, Landfill Coordinator
 Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate the Surry County MSW Landfill Phase 2 was issued to Surry County on November 20, 2009. The permit expired on November 20, 2014. A permit renewal application was received by the Solid Waste Section on May 19, 2014 and is currently under review.

PURPOSE OF SITE VISIT:

Comprehensive Inspection

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 is permitted to receive waste generated within a 90-mile radius of Surry County.
2. The facility consists of a lined municipal solid waste landfill unit, white goods area, tire collection area, and an LCID disposal area. The facility also provides a convenience area for the collection of mixed paper, cardboard, glass and plastic containers, aluminum, steel cans, batteries, cooking oil and electronics.
3. Scrap metal is collected adjacent to the concrete pad designated for the collection of white goods.
4. A gate was provided at the entrance of the facility to prevent unauthorized access.
5. The facility had proper signage.

Records Review:

6. The permit and operations plan were verified. Both documents were current and available upon request.
7. Facility tonnage reports were verified for July 2014 through May 2015. The facility received approximately 184 tons of waste each operating day during this time period.
8. Ground water monitoring was being performed semi-annually as required. 1st semi-annual sampling results for 2014 (performed May 27-29) and 2nd semi-annual sampling results for 2014 (performed October 20-23) were verified. Results for 1st semi-annual sampling for 2015 had not yet been received by the facility.
9. Leachate sampling was being performed semi-annually as required. Sampling was performed concurrently with groundwater monitoring.
10. Methane monitoring was being performed quarterly as required. Records for monitoring events performed January 2014, May 2014, August 2014, October 2014, and March 2015 were verified. No exceedences above applicable standards were observed.
11. Waste screening reports were verified for January through May 2015. Screenings appeared to be performed with good frequency and provided good documentation of observed unacceptable waste streams along with final disposition of those wastes.
12. Scrap tire certification forms were verified. The documents appeared to be properly completed.
13. MOLO Certification:
 - Dennis Bledsoe (expires 4/28/18)
 - Ricky Hawks (expires 6/15/19)
 - Billy R. Southard (expires 6/7/19)
14. Certified Landfill Operations Specialists:
 - Justin Collins (expires 11/30/18)
 - Ronnie C. Sprinkle (expires 4/19/17)
 - Jerry D. Simmons (expires 4/19/17)
 - Donald Williams (expires 11/30/18)

Operations Inspection of the MSWLF:

15. Waste was being placed in Phase 2 at the time of inspection.
16. The working face was very small and compact.
17. No unacceptable waste streams were observed.
18. Good operational cover was observed on inactive portions of the landfill.
19. Inactive portions of Phase 2 had been seeded with good germination of seed on the far western portion of the landfill. However, it appeared that vegetation was failing in those areas seeded on the southern slopes. Continue monitoring all vegetative growth to ensure the establishment of a groundcover sufficient to restrain erosion.
20. Windblown waste was well controlled at the time of inspection.
21. The facility is permitted for the use of a tarp system (EPI-Enviro Cover System or its equivalent) as an alternative cover material. No alternative covers were being used at the time of inspection.

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22. Edge of waste markers were in place around the majority of the landfill. However, markers were missing along the southern perimeter of Phase 2. Mr. Hawks and Mr. Southard believed that the markers may have been taken down during grading operations on the southern slopes. Please ensure that all missing markers are reinstalled. Damaged markers along the eastern perimeter of inactive Phase 1 of the landfill must also be repaired or reinstalled.
23. Phase 1 of the landfill was inactive at the time of the inspection and stabilized with native vegetation.
24. All access roads were of all-weather construction and well maintained.

Operations Inspection of the White Goods Area:

25. White goods are collected on a concrete pad adjacent to the scrap metal staging area.
26. All white goods containing chlorofluorocarbons (CFCs) were placed in an upright condition with the exception of one refrigerator that had been offloaded adjacent to the concrete pad. Please ensure all white goods containing CFCs are maintained in an upright condition to ensure the integrity of the appliance prior to removal of CFCs.

Operations Inspection of the Tire Collection Area:

27. Tires are placed on the ground southeast of the scalehouse adjacent to the equipment maintenance area. Mr. Southard explained that tires are top loaded into a trailer regularly throughout each operating day.
28. This area was well managed.

Operations Inspection of the Land Clearing and Inert Debris Landfill Unit:

29. The landfill area appeared to be less than two acres in size at the time of inspection.
30. Majority of waste was covered with soil.
31. Multiple pieces of plastic and paper were observed within the landfill area. Please ensure that any unacceptable waste streams are removed from the area and properly disposed.

Supporting Comments:

32. The facility has a double lined lagoon for the collection of leachate having a storage capacity of approximately 900,000-gallons. Leachate from the lagoon is pumped into the sanitary sewer system to the Mount Airy Wastewater Treatment Plant. No visual deficiencies were observed on the exposed portions of the liner system within the pond.
 - **As noted on a previous report, Section 5.1 “Introduction” of the approved operation plan for the facility states:** *“The leachate lagoon will be inspected on a monthly basis and a report generated and placed in the landfill records.”*
 - During the inspection, no records were provided detailing leachate lagoon inspections as detailed in the approved operation plan. **Please ensure that these reports are included within the facility records in the future.**

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


Digitally signed by Charles T. Gerstell
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Phone: (704) 235-2144

Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Sent on: <u>6/24/15</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail	Certified No. []
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Copies: Deb Aja, Western District Supervisor
Jessica Montie, Compliance Officer