



Waste Management
ENVIRONMENTAL QUALITY

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF	X	LCID	X	YW		Transfer		Compost		SLAS	COUNTY: Ashe PERMIT NO.: 0501-MSWLF-1993 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incin		T&P		FIRM	
CDLF		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: October 25, 2016

Date of Last Inspection: July 16, 2015

FACILITY NAME AND ADDRESS:

Ashe county Solid Waste Landfill
739 Fred Pugh Road
Crumpler, North Carolina 28617

GPS COORDINATES: N: 36.52238 W: 81.36960

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Scott Hurley, Director, Department of Environmental Services
Telephone: (336) 846-3721
Email address: scott.hurley@ashecountygov.com

FACILITY CONTACT ADDRESS:

Post Office Box 1327
West Jefferson, North Carolina 28694

PARTICIPANTS:

Scott Hurley, Director, Department of Environmental Services – Ashe County
Charles Gerstell, NCDEQ – Solid Waste Section
Deb Aja, NCDEQ – Solid Waste Section
Kris Riddle – NCDEQ – Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate “0501-MSWLF-1993 Municipal Solid Waste Landfill and land Clearing and Inert Debris Landfill” was issued to Ashe County on March 31, 2015. This permit shall expire on October 12, 2020.

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.

ADDITIONAL COMMENTS

1. The facility consists of a Municipal Solid Waste Landfill (MSWLF), Land Clearing and Inert Debris Landfill (LCID), scrap tire collection area, and a white goods collection area.
2. The facility has a service area of Ashe County only.

Records Review:

3. The Permit to Operate and Operations Plan were verified. Both documents were current and available upon request.
4. Tonnage records for January 2016 – September 2016 were verified. The facility received approximately 77 tons of waste each operating day during this time period.
5. Groundwater sampling was being performed semiannually as required. Records for the 1st semiannual sampling event for 2015 (performed May 12-13, 2015), 2nd semiannual sampling event for 2015 (performed October 22-23, 2015), and the 1st semiannual sampling event for 2016 (performed May 9-11, 2016) were verified.
6. Leachate sampling was being performed concurrently with groundwater sampling. However, it appeared that analytical sampling was also being performed semiannually as part of the Semiannual Recirculation Report.
7. Semiannual Leachate Recirculation Reports were verified. These reports detail the amount of leachate recirculated, the amount disposed of at Waste Water Treatment Plants (WWTPs), precipitation amounts, and analytical results for leachate.
 - Report for October 12, 2014 – May 13, 2015
 - Leachate recirculated = 324,000-gallons
 - Leachate disposed of at WWTP = 922,892-gallons
 - Precipitation = 19.17-inches
 - Analytical Sampling Date: May 13, 2015
 - Report for May 13, 2015 – October 23, 2015
 - Leachate recirculated = 276,000-gallons
 - Leachate disposed at WWTP = 465,000
 - Precipitation = 24.60-inches
 - Analytical Sampling Date: October 23, 2015
8. Methane monitoring was being performed quarterly as required. Monitoring reports for September 2015, December 2015, March 2016, June 2016, and September 2016 were verified. No exceedences above applicable limits were observed.
9. Manager of Landfill Operations Certification:
 - Scott Hurley (expires 2/7/18)
10. Certified Landfill Operations Specialist Certification:
 - Jim D. Greer (expires 6/13/17)
 - Brian Houck (expires 2/13/18)
 - Michael D. Houck (expires 10/21/17)
 - Scott Hurley (expires 9/5/17)
 - Michael P. Miller (expires 2/23/19)
 - Jamie R. Osbourne (expires 3/19/19)
11. Waste screening reports were verified for January 2016 to present. The reports appeared to be performed with good frequency and provided good detail of what was contained within each screened waste load.

Operations Inspection of the MSWLF:

12. Waste was being placed in the northern portion of Phase 4 at the time of inspection.
13. The working face was very small and compact at the time of inspection.

14. One small tire was observed north of the working face partially covered with soil. It appeared that the tire was overlooked when soil was being placed over the area. Upon notification, facility staff immediately removed the tire for proper disposal.
15. Excellent operational cover was observed throughout inactive portions of the landfill. Your efforts to keep these areas covered is appreciated.
16. Windblown waste was well managed.
17. One deer carcass was received during the inspection. Facility staff buried the carcass immediately upon receipt as required.
18. Inactive portions of Phase 4 had been seeded with good germination of seed. Please continue to monitor these areas to ensure the establishment of a groundcover sufficient to restrain erosion. Efforts to stabilize inactive areas is appreciated.
19. Mr. Hurley explained that the county no longer plans to use the trench drains for recirculation purposes on the top of Phase 2. Please ensure that permanent caps are provided to the stand pipes for the drains.
20. Edge of waste markers were in place at the time of inspection.
21. All access roads were of all-weather construction and well maintained.

Operations Inspection of the LCID Unit:

22. The working face was less than one acre in size at the time of inspection.
23. One plastic, planter pot was observed in the landfill unit. No other unacceptable waste streams were observed. Mr. Hurley was requested to ensure that facility staff remove the planter as soon as possible.

Operations Inspection of the White Goods Area:

24. White goods are collected adjacent to the recycling building. Facility staff remove chlorofluorocarbons (CFCs) inside the building and mark them with "GO". Once CFCs are removed, the appliances are placed on the metal pile or loaded into the trailer designated for metal collection.
25. During the inspection, multiple appliances were staged for removal of CFCs. All appliances were maintained in an upright condition to maintain the integrity of the device.
26. This area was well managed.

Operations Inspection of the Tire Collection Area:

27. All tires were stored in a covered trailer located on the opposite side of the primary access road leading to the MSWLF Unit across from the recycling building.
28. This area was well managed.

Supporting Comments:

29. The facility had proper signage.
30. A gate was provided at the entrance to the facility to prevent unauthorized access.
31. Glass is accepted into three roll-off containers just north of the scalehouse.
32. Used oil is collected into a collection tank and used oil filters are collected into 55-gallon drums just north of the scalehouse on the left as you enter the site.
33. Used batteries and electronics are collected onto pallets adjacent to the scalehouse.
34. During the previous inspection, a large amount of electronics was observed piled up west of the scalehouse adjacent to the haul road which crosses the top of the closed, unlined landfill. Many of the electronics were damaged to varying degrees. At that time, Mr. Hurley explained that the county had recently found a new recycling contractor enabling the facility to begin loading electronics onto pallets and into Gaylord boxes to be taken to Electronics Recycling International (ERI). Ashe County was requested to continue to properly remediate electronics on site to include, but not be limited to having all devices removed from the ground surface and



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properly packaged for shipment to the county's designated recycling contractor.

- Inspection of the facility on October 25, 2016 found significant improvement in management of the subject area. Only a small amount of electronics had been staged on the gravel pad and majority of electronics had been placed in metal roll-off containers until they could be properly packed for shipment to the county's designated recycling contractor. Thank you for your attention in this matter.

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

Digitally signed by Charles T. Gerstell
DN: cn=Charles T. Gerstell, o=Division of
Waste Management, ou=Solid Waste
Section,
email=charles.gerstell@ncdenr.gov, c=US
Date: 2016.10.31 14:33:28 -04'00'

Phone: (704) 235-2144

Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Sent on: <u>10/31/16</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. []
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Copies: Deb Aja, Western District Supervisor - Solid Waste Section
Jessica Montie, Compliance Officer - Solid Waste Section