

FACILITY COMPLIANCE INSPECTION REPORT
Department of Environmental Quality
Division of Waste Management - Solid Waste Section

UNIT TYPE:											
Lined MSWLF	X	LCID		YW		Transfer		Compost	X	SLAS	COUNTY: Wilkes PERMIT NO.: 97-04 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incin		T&P	X	FIRM	
CDLF		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: September 16, 2015

Date of Last Inspection: September 30, 2014

FACILITY NAME AND ADDRESS:

Roaring River Municipal Solid Waste Landfill Facility
 9219 Elkin Highway
 Roaring River, North Carolina 28669

GPS COORDINATES: N: 36.21092 W: 80.98776

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Kent Brandon, Solid Waste Director
 Telephone: (336) 696-5806 (o) or (336) 927-3339 (m)
 Email address: kbrandon@wilkescounty.net

FACILITY CONTACT ADDRESS:

Post Office Box 389
 Roaring River, North Carolina 28669

PARTICIPANTS:

Kent Brandon, Solid Waste Director
 Anderia Van Wy, Solid Waste Supervisor
 David Dillard, Landfill Supervisor
 Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate the Roaring River MSW landfill was issued to Wilkes County on January 20, 2012. This permit approved the continued operation of Phases 1, 2, 3, and 4 of the municipal solid waste landfill, as well as the onsite environmental management and protection facilities as described in the approved plans. This permit shall expire on June 30, 2016.

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 has a service area of Wilkes County only.
2. The facility operates a convenience area for the collection of mixed paper, plastic and glass bottles, cardboard, steel and aluminum cans, batteries, used oil, used oil filters and antifreeze.
3. Electronics are collected onto pallets, wrapped with plastic, and placed into a trailer adjacent to the convenience area.

Records Review:

4. The permit and operations plan were verified. Both documents were current and available upon request.
5. Tonnage records for September 9, 2014 – September 15, 2015 were verified. The facility received approximately 178 tons of waste each operating day during this time period.
6. Groundwater monitoring was being performed semiannually as required. Reports for the 2nd semiannual sampling event for 2014 (performed Oct. 13-14 and Nov. 18-19) and the 1st semiannual sampling event for 2015 (performed Apr. 8-9) were verified.
7. Leachate sampling was being performed semiannually as required. Sampling was performed in conjunction with groundwater monitoring.
8. Methane monitoring was being performed quarterly as required. Results for sampling events performed on 1/20/15, 4/9/15, and 7/22/15 were verified. No exceedences above applicable standards were found.
9. Waste screening reports were verified. Screenings were performed with good frequency. The reports provided good documentation of observed unacceptable waste streams and final dispositions of those wastes.
10. Scrap Tire Certification Forms were verified. The forms appeared to be properly completed.
11. The facility keeps records of leachate pumped from the facility. Leachate is disposed at the Town of Wilkesboro Waste Water Treatment Plant. Records for July 2014 – September 2015 were verified. Records showed that 1,139,891-gallons of leachate were hauled from the facility during this time period.
12. Records for chlorofluorocarbons (CFCs) collected from white goods from September 2014 – August 2015 were verified. Records showed that 7.7-pounds of CFCs were collected.
13. MOLO Certifications:
 - Kent Brandon (expires 7/16/18)
 - David Dillard (expires 4/22/18)
 - Anderia Van Wy (expires 6/8/18)
14. Certified Landfill Operations Specialist Certifications:
 - Rodney Caudill (expires 4/4/18)
 - Gary Conley (expires 3/24/18)
 - Mike Miller (expires 4/14/18)
 - Olen Nester (expires 2/28/18)
 - Linda Souther (expires 8/21/18)

Operations Inspection of the MSWLF Unit:

15. The working face was small and compact at the time of inspection.
16. No unacceptable waste streams were observed within the working face.
17. During the inspection, two loads of waste were delivered to the working face that contained multiple wooden pallets. Facility staff immediately made contact with the drivers of the waste vehicles who were directed to reload the pallets back onto their trucks and take them to the proper designated receiving area for pallets. The effort of facility staff to prevent the disposal of unacceptable waste streams is appreciated.
18. Exceptional soil cover was observed on all inactive portions of the landfill.
19. Majority of inactive portions of the landfill including side slopes had been seeded with good germination of seed. Continue efforts to monitor vegetative growth to ensure the establishment of a groundcover sufficient to restrain erosion.

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- 20. The use of fabric tarps as alternative cover material is approved for this facility. No tarps were being used as alternative cover at the time of inspection.
- 21. All access roads were of all-weather construction and well maintained.
- 22. Edge of liner markers were in place.
- 23. Inspection of the MSWLF Unit found exceptional effort by facility staff to improve the daily operations of the landfill. Improved conditions in seeding and landfill soil cover were observed. Your efforts are appreciated.

Operations Inspection of the Treatment and Processing Area:

- 24. Land clearing waste and wooden pallets was placed into separate piles separated by earthen berms. All ground material is used on site and is not distributed to the public.
- 25. A sediment trap was located on the south side of the treatment and processing area which was well maintained.
- 26. No unacceptable waste streams were observed.
- 27. This area was well managed.

Operations Inspection of the White Goods Area:

- 28. All white goods containing chlorofluorocarbons (CFCs) are stored adjacent to the metal area under a metal roofed awning prior to CFCs being removed. Once facility staff removes CFCs, the appliances are placed on the metal pile for shipment to a recycler.
- 29. This area was well managed.

Operations Inspection of the Tire Collection Area:

- 30. Tires are collected into covered trailers southwest of the scalehouse.
- 31. All tires were located within the covered trailers at the time of inspection. This area was well managed.

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,
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Charles T. Gerstell
 Environmental Senior Specialist
 Regional Representative

Phone: (704) 235-2144

Sent on: <u>9/21/15</u>	X	Email		Hand delivery		US Mail		Certified No. []
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Copies: Deb Aja, Western District Supervisor
 Jessica Montie, Compliance Officer