

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

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer	<input checked="" type="checkbox"/>	Compost		SLAS	COUNTY: Watauga PERMIT NO.: 9503T-TRANSFER-1996 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	<input checked="" type="checkbox"/>	Incin		T&P		FIRM	
CDLF		Tire T&P / Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: November 10, 2015

Date of Last Inspection: May 19, 2014

FACILITY NAME AND ADDRESS:

Watauga County Transfer Station
 336 Landfill Road
 Boone, North Carolina 28607

GPS COORDINATES: N: 36.22032 W: 81.63165

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: J.V. Potter, Operations Service Director
 Telephone: (828) 264-5305 (o) or (828) 964-0681 (m)
 Email address: jv.potter@watgov.org

FACILITY CONTACT ADDRESS:

Same as above

PARTICIPANTS:

J.V. Potter, Operations Service Director
 Charles Gerstell, NCDEQ-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate 9503T-TRANSFER-1996 Watauga County Transfer Station and 9503-HHW-2015 Watauga County Permanent HHW was issued to Watauga County on May 29, 2015. This permit shall expire on August 26, 2020.

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS

SL2013-413, Section 59.2(c), in amending 15A NCAC 13B .0105, requires that vehicles or containers used for the collection and transportation of solid waste to "be designed and maintained to be leak-resistant in accordance with industry standards."

Watauga County in in violation of Section 59.2(c) in that leachate was observed actively leaking from loaded trailers being used at Watauga County Transfer Facility to collect and transport solid waste. Leachate was observed flowing across the pavement to the edge of a vegetated area to the north and then flowing east to an excavated area within the vegetated area.

Mr. Scott Barrett, Regional Manager with KRD Trucking, Inc. confirmed by telephone on November 13, 2015 that both trailers observed leaking during the November 10, 2015 inspection had been repaired and placed back into service.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 4



View of leachate leaking from loaded trailers.



View of leachate leaking from loaded trailers.



View of leachate flowing across pavement toward vegetated area. Note drying material displaced by leachate flow.



View of ponded leachate in vegetated area adjacent to trailer parking/staging area.

To achieve compliance, within **10-days** of receipt of the Notice of Deficiency, Watauga County must take the following actions:

1. Contact Ervin Lane, Compliance Hydrogeologist, to determine the requirements for a soil sampling plan in order to determine the impact of the leachate release.

Ervin Lane, Compliance Hydrogeologist
Division of Waste Management/Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646
(919) 707-8288

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.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 4

ADDITIONAL COMMENTS

1. The facility is permitted to receive waste generated within Ashe, Avery, Caldwell, Watauga and Wilkes Counties.
2. All waste is transported to the Foothills Environmental MSW landfill (Permit #: 14-03)
3. A gate was located at the entrance to the facility to prevent unauthorized access.

Records Review:

4. The permit and operations plan were verified. Both documents were current and available upon request.
5. Tonnage reports for January 2015 – October 2015 were verified. The facility received approximately 177 tons of waste each operating day during this time period.
6. Certified Transfer Station Operations Specialists:
 - Jim Fink (expires 7/19/18)
 - Scott Gregg (expires 3/12/16)
 - Jimmy Johnson (expires 11/16/16)
 - Dale Miller (expires 5/19/18)
 - Terry Scott (expires 11/16/16)
 - Douglas Allen Stanberry (expires 7/19/18)
 - Ryan A. Woodring (expires 7/19/18)
7. Waste screening reports were verified for January 2015 – November 9, 2015. Reports appeared to be performed with adequate frequency and provided good documentation of observed unacceptable waste streams along with final disposition of those wastes.

Operations Inspection of the Transfer Station:

8. Two separate entrance areas are provided for waste acceptance. The general public enters the facility on the south side of the building while commercial vehicles and larger public vehicles enter on the east side of the building.
9. No unacceptable waste streams were observed at the time of inspection.
10. The walls of the facility were in need of cleaning. It is recommended that pressure washing of the walls be performed to remove buildup of residues.
11. The trench drain located along the eastern entrance appeared to be functional at the time of inspection. However, some portions of the grates covering the drain were partially obstructed by residues. It is recommended that the grates covering the trench drains be cleaned of residues to ensure proper function of the device. Scheduling of periodic cleanings is also recommended.
12. Please ensure that all waste on the floor of the transfer trailer loading bay is picked up and properly disposed at the end of the working day.
13. **General Facility Permit Condition #10(d) states:** *“Effective vector control measures must be applied at all times to control any potential vectors including flies, rodents, insects, and other vermin.”*
 - During the inspection, multiple rats were observed on the floor of the transfer trailer loading bay. It is recommended that the facility implement vector control measures to control the presence of rats at the facility. This can include, but not be limited to contacting a pest control contractor for assistance.
14. Windblown waste was well controlled at the time of inspection. However, it is recommended that steps be taken to remove the buildup of small pieces of waste consisting primarily of paper at the entrance and exit to the trailer loading bay.

Operations Inspection of the White Goods Area:

15. White goods containing chlorofluorocarbon refrigerants (CFCs) were stacked on pavement adjacent to the northwest corner of the baling/recycling building. This area was well managed

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

Operations Inspection of the Tire Collection Area:

- 16. Tires are collected into covered trailers next to a covered loading dock on the west side of the baling/recycling building. This area was well managed.

Supporting Comments:

- 17. A convenience area for public disposal of wastes and recyclables is provided on the north side of the access road across from the scale house.
- 18. Electronics are collected within the baling/recycling building and then placed on wooden pallets and shrink wrapped for placement into a covered trailer for removal by their designated vendor.
- 19. Florescent bulbs and batteries are collected at the recycling/baling facility.

Operations Inspection of the Permanent HHW Facility (9503-HHW-2005):

- 20. The facility consists of a steel building with three separate compartments for the collection of HHW.
- 21. The facility was not in operation as of the date of the inspection.
- 22. The facility structure had just recently been delivered and placed on a concrete pad. Mr. Potter explained that the county was currently working to get the fire suppression system charged and operational.

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,
 v, c=US
 Date: 2015.11.20 09:03:27 -05'00'

Phone: (704) 235-2144

Charles T. Gerstell
 Environmental Senior Specialist
Regional Representative

Sent on: <u>11/20/15</u>		Email		Hand delivery	X (with NOV)	US Mail	Certified No. [<u>7015 1520 0002 8376 1534</u>]
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Copies: Jason Watkins, Field Operations Branch Head
 Deb Aja, Western District Supervisor
 Jessica Montie, Compliance Officer.
 Deron Geouque, Watauga County Manager

Certified No.: 7015 1520 0002 8376 1527