



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID	X	YW		Transfer		Compost	X	SLAS	COUNTY: Watauga PERMIT NO.: 95-02 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incineration		T&P	X	FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 7/30/2013, 8/23/2013

Date of Last Inspection: 6/14/ 2012

FACILITY NAME AND ADDRESS:

Watauga County Land Clearing and Inert Debris Landfill and Treatment Processing Facility
 336 Landfill Road
 Boone, NC 28607

GPS COORDINATES: N:36.22032 E: -81.63165

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: J.V. Potter, Operations Services Director
 Telephone: 828-264-5305, Mobile: 828-964-0681
 Fax: 828-264-1702
 Email: jv.potter@watgov.org

FACILITY CONTACT ADDRESS:

Watauga County Solid Waste Director
 842 West King Street, Suite 1
 Boone, NC 28607-3525

PARTICIPANTS:

J.V. Potter, Operations Services Director [8/23/2013]
 Donna Watson, Watauga County [7/30/2013]
 Dana Moretz, Watauga County [7/30/2013]
 Deb Aja, NCDENR Solid Waste Section

STATUS OF PERMIT:

Active. Permit to Operate a Land Clearing & Inert Debris Landfill Phase 1 and Treatment & Processing Unit, and, Permit to Construct a Land Clearing and Inert Debris Landfill Expansion Phase 1, issued on June 15, 2011. The Permit to Operate shall expire on **June 15, 2016**.

PURPOSE OF SITE VISIT:

Comprehensive Inspection of Active Units.

STATUS OF PAST NOTED VIOLATIONS:

1. RESOLVED: 15A NCAC 13B .0203(d), General Permit Condition Number 3.

On June 14, 2012 physical markers were not installed to identify the edge of waste of the footprint of the LCID landfill disposal unit. The August 23, 2013, inspection confirmed that the markers were in place as required.

2. RESOLVED: 15A NCAC 13B .0203(d), General Permit Condition Number 9.

On June 27, 2012, a modification was made to Permit 95-02 so that operator training is no longer required for operators of the LCID landfill.

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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 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.

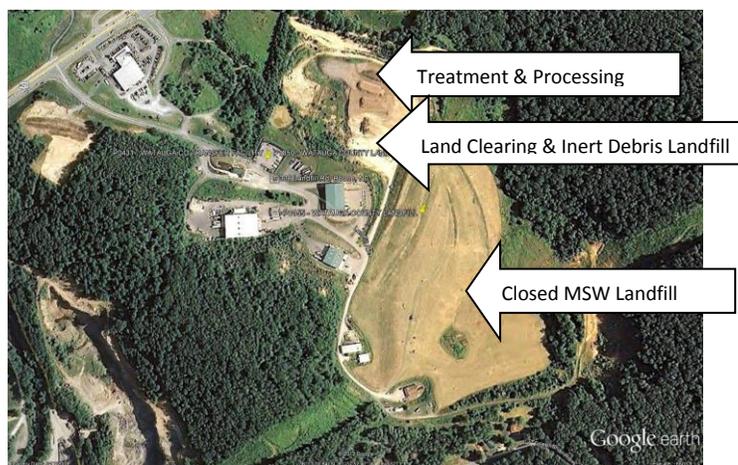


Figure 1: Watauga County Solid Waste Facilities, 336 Landfill Road, Boone, NC

ADDITIONAL COMMENTS

1. The facility is permitted to receive solid waste generated within the service area of: Ashe, Avery Caldwell, Watauga and Wilkes Counties.
2. The MSW landfill unit ceased accepting waste in April of 1994. The closed MSW landfill unit was not inspected.
3. Composting operations have not been initiated at the facility.
4. The inspections took place after the area received heavy rainfall and an above-average amount of rainfall in the calendar year.
5. The Land Clearing and Inert Debris [LCID] Landfill and the Treatment and Processing Area together accepted an average of 237 tons per month during the past 12 months.

Land Clearing and Inert Debris Landfill:

6. The LCID Landfill is an expansion of an existing notified landfill for LCID. The notified landfill is Phase I, comprising 1.95 acres in Permit 95-02. Phase 1 Expansion is .28 acres. A future Phase 2 is planned comprising .72 acres.
7. General Facility Condition #3 of Permit 95-02 requires that the edge of waste footprint for all disposal units must be identified with permanent physical markers. The markers were installed after the previous inspection. The location of the markers (metal posts) were observed on 8/23/2013.
8. The facility appeared to be accepting only those wastes that it is permitted to receive. Soil, rock, unpainted masonry materials, and soil containing roots were observed during the inspection. Incidental unacceptable wastes had been removed from the working face for proper disposal as required.
9. Wastes appeared to be covered more frequently than required; soil cover is required to be placed monthly or when the active area reaches one acre in size, whichever comes first.

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- 10. The working face was kept as small as possible and compacted as densely as practical to minimize erosion control issues and maximize landfill capacity.
11. Landfill slopes appeared to be no steeper than 3:1.
12. Surface water was diverted from the working face and there was no evidence that surface water was impounded over waste.
13. There was no evidence of excessive on site erosion.
14. There was no windblown waste in the areas surrounding the landfill.
15. The access road was maintained in good condition.
16. Landfill gas monitoring structures will be reviewed in the next inspection of the closed MSWLF unit.

Treatment and Processing (Wood Grinding):

- 17. The facility appeared to be accepting only those wastes it is permitted to receive. The facility is permitted to receive wooden pallets constructed on unpainted and untreated natural wood, land clearing waste as defined by 15A NCAC 13B , Rule .0101(23), and yard trash as defined in 15A NCAC 13B, Rule .0101(55).
18. Ground material containing yard trash may not be distributed to the public unless it has been composted in accordance with Rule .1400. The facility is authorized by Permit 95-02 to operate a compost facility at the site. Any yard trash (solid waste resulting from landscaping and yard maintenance such as brush, grass, tree limbs, and similar material) must be segregated for composting, including yard trash from seasonal leaf collection that is accepted by the facility. The operation required for composting leaves was discussed with facility staff on 7/30/2013 and on 8/23/2013.
19. On 7/30/2013, waste was maintained in reasonably sized piles with adequate fire breaks and lanes.
20. Grinding operations are conducted twice per year and the contractor removes the mulch from the site. On 8/23/2013 the waste had been ground and was in the process of being removed from the site.
21. There was no surface water around operational and storage areas. The ditch adjacent to the storage area was filled with water from recent storms.
22. There were no odors detected at the site during the inspection.
23. There appeared to be effective vector control measures; there were no flies, rodents, insects, or vermin observed during the inspection.
24. The access road to the area was maintained in good condition. Maintenance work was done to repair damage from recent storms (8/23/2013).

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

Handwritten signature of Deborah Aja

Deborah Aja
Environmental Senior Specialist
Regional Representative
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Table with 7 columns: Sent on August 26, 2013, to J.V. Potter, Watauga County, by:; X; Email; Hand delivery; US Mail; Certified No. :

EC: Jason Watkins, Western District Supervisor
Sarah Rice, Compliance Officer
Deron Geouque, Watauga County Manager