



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

| UNIT TYPE: | | | | | | | | | | | |
|-------------------|--|-----------------------|--|---------------|--|---------------------|--|---------|-------------------------------------|------|--|
| Lined MSWLF | | LCID | | YW | | Transfer | | Compost | <input checked="" type="checkbox"/> | SLAS | COUNTY: CATAWBA PERMIT NO.: SWC 18-06 FILE TYPE: COMPLIANCE |
| Closed MSWLF | | HHW | | White goods | | Incin | | T&P | | FIRM | |
| CDLF | | Tire T&P / Collection | | Tire Monofill | | Industrial Landfill | | DEMO | | SDTF | |

Date of Site Inspection: 6/18/2013

Date of Last Inspection: 6/29/2012

FACILITY NAME AND ADDRESS:

City of Hickory Compost Facility
 Cloninger Mill Road
 Hickory, NC 28601

GPS COORDINATES: N:35.78609 W:-81.30431

FACILITY CONTACT NAME AND PHONE NUMBER:

Andrew Ballentine, Solid Waste Manager
 828-323-7439
 aballentine@hickorync.gov
 Fax: 828-323-7403

FACILITY CONTACT ADDRESS:

PO Box 398
 Hickory, NC 28603

PARTICIPANTS:

Andrew Ballentine, Solid Waste Manager – City of Hickory
 Herb Collins – City of Hickory
 Deb Aja, NCDENR Solid Waste Section

STATUS OF PERMIT:

Permit issued on August 23, 2012, with a renewal date of September 9, 2015, for a Large, Type 1 Solid Waste Compost Facility.

PURPOSE OF SITE VISIT:

Partial Inspection.

STATUS OF PAST NOTED VIOLATIONS:

N/A

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 4

OBSERVED VIOLATIONS:

1. 15 NCAC 13B .1406(3) states:

“Surface water shall be diverted from the operational, compost curing, and storage areas.”

On June 18, 2013, surface water was ponded around stored land clearing debris and was flowing through the operational areas. Liquid was flowing from the cure pile. Surface water and liquids from the cure pile were flowing to the retention basin. This constitutes a violation of 15 NCAC 13B .1406(3). In order to achieve compliance, no later than July 29, 2013, the City of Hickory must divert any surface water from the operational, compost curing, and storage areas.

The flows from the cure pile and curing area could be considered leachate without further testing. The retention basin, ditches, and other stormwater conveyances were designed to receive stormwater only and were not designed to receive leachate or a wastewater discharge. The flow of this material across operational areas must be minimized and the direct discharge of this material to conveyances for stormwater should be eliminated. The site must be graded to divert surface water away from any materials onsite and the operational areas. Best management practices such as soil berms or filter socks must be utilized at the cure pile to prevent liquids from flowing over the operational areas towards the stormwater features. Please refer to the Division of Water Quality Stormwater Best Management Practices Manual at: <http://portal.ncdenr.org/web/wq/ws/su>. A follow up compliance inspection will be conducted on or about the established compliance date.



1. View of stockpiled land clearing debris and surface water.



2. View of surface water flowing across operational area from the compost curing area.



3 & 4. Views of surface water and liquids from the curing area and operational area flowing into a stormwater outlet structure then into the retention basin.

Digital photographs 1-4 taken by Deb Aja on 6/18/2013.

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.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 4



Figure 1 - SWC 18-06 Facility Location

ADDITIONAL COMMENTS

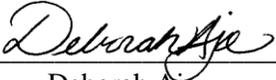
1. The facility is a Large, Type 1 Solid Waste Compost Facility that is permitted to compost yard and garden waste, silvicultural waste, and unpainted and untreated wood waste.
2. The site visit was to conduct an inspection of operations. The inspection took place after a period of several rainfall events.
3. The facility is secured with an upper and lower gate to prevent unauthorized access.
4. The required signage is posted at each gate stating the permit number, hours of operation, and no dumping.
5. The access road was maintained in good condition.
6. Access is maintained around all stockpiled waste (land clearing debris). Adequate distance was provided around stockpiles for access by firefighting equipment. Please note that Permit Condition of Operating Permit number 14 requires that dimensions for stockpiled feedstocks and finished product must be limited to a maximum of 30-feet high and 50 feet wide.
7. The facility appeared to accept only those wastes it is permitted to receive. Incidental unacceptable waste was removed and placed in a container on-site for proper disposal.
8. The facility grinds stockpiled wastes at the end of the collection season. The ground waste is then placed in windrows and composted. It was stated that the material in the cure pile had completed composting and that typically this material would have been distributed by mid-June of each year. There were no ongoing composting activities occurring at the site.
9. A composting odor was detected around the cure pile, the operational area, and the retention basin (located near to the facility boundary). **Please note that Permit Condition of Operating Permit number 9 requires that odor management procedures be followed to minimize odors at the facility boundary.**
10. Surface water was ponded around the stockpiled land clearing debris, and was flowing around the cure pile, and through the operational area. See *Observed Violations* section of this report.
11. It was stated that the riser pipe was moved approximately one month prior to the inspection and the basin was cleaned at that time. There was evidence of high water present in the basin. Fines from the composting operations were observed in the retention basin.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

- 12. Silt fence should continue to be maintained surrounding the run-on inlet, and should be re-installed around other stormwater features along the access road.**
- 13. It appeared that all required buffers were maintained.
- 14. The construction of a truck wash pad to clean out was discussed. Please contact Donna Wilson, Permitting Engineer at (919) 707-8255 or by email at: donna.wilson@ncdenr.gov to discuss what is required to construct a wash area.

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



 Deborah Aja
 Environmental Senior Specialist
Regional Representative
deborah.aja@ncdenr.gov

Phone: 828-296-4702
 Asheville Regional Office
 2090 US Hwy 70
 Swannanoa, NC 28778

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|--|---|-------|--|---------------|--|---------|--|-----------------|
| Sent on: July 1 2013, to: Andrew Ballentine, City of Hickory by; | X | Email | | Hand Delivery | | US Mail | | Certified Mail. |
|--|---|-------|--|---------------|--|---------|--|-----------------|

Electronic Copies:

- Jason Watkins, Western District Supervisor
- Tony Gallagher, Composting and Land Application Branch Supervisor
- Elizabeth Patterson, Composting and Land Application Branch
- Sarah Rice, Compliance Officer
- Donna Wilson, Regional Permitting Engineer
- Ken Pickle, Stormwater Staff Engineer, DWQ
- Michael Parker, DWQ Regional Supervisor – Mooresville Regional Office
- Terry Watts, Engineering Division – City of Hickory