



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS	COUNTY: WATAUGA PERMIT NO.: 9505-COMPOST 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: 8/29/2013

Date of Last Inspection: 6/4/2012 (SWCD-95-01)

FACILITY NAME AND ADDRESS:

Triple T Pumping Compost Facility
 795 Troy Norris Road
 Boone, NC 28607

GPS COORDINATES: N: 36.28566 E: -81.64509

FACILITY CONTACT NAME AND PHONE NUMBER:

Mike Garlock and Kim Pierson
 Telephone: (828) 262-5745

FACILITY CONTACT ADDRESS:

1372 N.C. Highway 194 North
 Boone, NC 28607

PARTICIPANTS:

Mike Garlock, Triple T Pumping
 Kim Pierson, Triple T Pumping
 Deb Aja – Solid Waste Section

STATUS OF PERMIT:

Active. The Permit to Operate a Small Type III Solid Waste Composting Facility was issued on 7/30/2012 and shall expire on 7/30/2017.

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

N/A.

OBSERVED VIOLATIONS:

- 15A NCAC 13B .0203(d) states:** “By receiving solid waste at a permitted facility, the permittee(s) shall be considered to have accepted the conditions of the permit and shall comply with the conditions of the permit.”

Condition Number 13 of the Operating Permit, Attachment 3, of Permit to Operate 9505-COMPOST states:

“All compost produced at the facility must meet the requirements of Rule .1407 of the Solid Waste Rules and the permit application.”

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Condition Number 15 of the Operating Permit, Attachment 3, of Permit to Operate 9505-COMPOST states:

“Testing and reporting must be conducted in accordance with the requirements of Rule .1408 and the permit application. Compost process data must be maintained in writing as required to document temperatures, moisture levels, and aeration intervals. Bulk density and C:N calculations must be reviewed weekly to maintain appropriate mix recipes.”

Rule .1407(e) states in part: “As long as the test data required in Rule .1408 of this Section continues to verify that compost is produced to the specifications of this Rule, the Division’s approval to distribute the compost shall be ongoing.”

Rule .1408(a)(1) states in part:

“ (a) The compost product from Type 2, 3, and 4 facilities shall be sampled and analyzed as follows:

- (1) A composite sample of the compost produced at each compost facility shall be analyzed at intervals of every 20,000 tons of compost produced or every six months, whichever comes first, for test parameters for each Type of facility as designated in Table 3 of this Rule.

The last analysis of compost product was completed October 12, 2011. Less than 20,000 tons of compost had been produced at the facility. By not sampling and analyzing the compost produced every six months, Triple T Pumping has violated 15A NCAC 13B .0203(d), 15A NCAC 13B 1407(e), and 15A NCAC 13B .1408(a)(1).

To correct this violation and be in compliance with 15A NCAC 13B .0203(d), 15A NCAC 13B 1407(e), and 15A NCAC 13B .1408(a)(1), by October 30, 2013, Triple T Pumping must complete sampling and analysis of compost product in accordance with Permit No. 9505-COMPOST. Any compost produced at the facility may not be distributed to the public unless it meets the requirements of Rules .1407 and .1408.

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.

ADDITIONAL COMMENTS

1. The comprehensive inspection was conducted of the Small Type III Solid Waste Compost Facility, which was operated as Composting Pilot Project (SWCD-95-01) prior to the issuance of the permit. The facility is operated at the same location as a permitted Septage Detention and Treatment Facility (Permit SDTF-95-01).
2. The compost facility is operated to compost dewatered septage, including and grease septage.
3. Approximately 17 tons of waste was received for composting in the fiscal year 2012-2013. The waste was received from Avery, Ashe, and Watauga Counties, and 150 tons of compost was created (per FY 2012-2013 facility annual report). The facility is permitted to compost up to 100 tons of waste per year.
4. Temperature records for 2013 were reviewed post-inspection. Records showed that the facility achieved required temperatures in February, March, June, and August.
5. Sampling and analysis of the compost product was not conducted as required (see the observed violations section of this report). It was stated that material was taken off-site to property owned by the facility and not distributed to the public. Please note that only Class A compost may be distributed without limitations or restrictions and Class B may be distributed with limitations (Rule .1408(d)(1-2)). Any distribution to food-chain crops or onto properties that are rented must meet Class A distribution requirements.

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6. Three concrete bins and a mixing area are utilized to compost static piles. At the time of the inspection the compost in process on a concrete pad (per M. Garlock 9/10/2013) adjacent to the facility's concrete bins.
7. Wood chips and sawdust are used as bulking agents and used to control of excess moisture at the entrance of the bins. There was no moisture/leachate present around the bins during the inspection.
8. There was no surface water present at the operational, compost curing, and storage areas.
9. There was no evidence of erosion or movement of silt or contaminants from the site.
10. The site is accepting wastes that it is permitted to receive.
11. Very little odor was detected at the site, thus, odors were effectively controlled.
12. Flies and other vectors were not observed at the site.
13. The access road was well maintained with a locked gate.

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

Sent on: September 18, 2013, to Mike Garlock and Kim Pierson by:	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. []
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EC: Tony Gallagher, Composting and Land Application Branch Supervisor
 Jason Watkins, Western District Supervisor
 Elizabeth Patterson, Composting and Land Application Branch