



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: Edgecombe PERMIT NO.: SWC-33-03 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: February 26, 2014

Date of Last Inspection: September 11, 2013

FACILITY NAME AND ADDRESS:

Eastern Composting LLC
 8487 Battleboro-Leggett Rd
 Battleboro, North Carolina 27809

GPS COORDINATES: N: 36.03307 E: 77.74621

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Jason Smith, Joe Boseman, Ronald Carroll
 Telephone: 252 903 5367 252 446 3636 252 414 3966
 Email address: Jason Smith jasongf@hughes.net
 Fax: 252 446 2431

FACILITY CONTACT ADDRESS:

Jason Smith Partner
 Eastern Composting LLC
 P.O. Box 460
 Battleboro, North Carolina 27809

PARTICIPANTS:

Ben Barnes, NCDENR. Solid Waste
 Jason Smith, Manager/Partner

STATUS OF PERMIT:

Active, permit to operate issued on March 4th 2010, permit expires on March 4, 2015. Application for permit review must be submitted to the Division on or before September 4, 2014.

PURPOSE OF SITE VISIT:

Partial inspection of a Large Type IV Solid Waste Compost Facility

STATUS OF PAST NOTED VIOLATIONS:

15A NCAC 13B .1406 OPERATIONAL REQUIREMENTS FOR SOLID WASTE COMPOST FACILITIES
 (4)**RESOLVED:** *A better job is being done managing incoming feed stocks so that excess leachate is not being generated.*

OBSERVED VIOLATIONS:

NONE

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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.

1. *See additional comments section from previous inspection reports.*
2. Problems with the management of the composting operation have been observed during previous inspections. A Notice of Violation was issued regarding this facility on June 19, 2013. This NOV was issued due to incoming feed stocks being placed on the pad in a manner that was causing the generation of excess leachate. The same condition was observed during inspections on July 25, 2013, August 6, 2013, August 20, 2013 and September 11, 2013. A Notice of Continuing Violation was issued with the September 11, 2013 inspection report. Management of the incoming feed stocks has improved so that excess leachate is no longer being generated on the composting pad. Correcting the previously listed violation should have been a simple matter but took nearly 4 months. This condition must not be allowed to occur again.
3. **Leachate was observed in ponds below the lower edge of the concrete pad.** *Smith indicated during a meeting in September he is planning on extending the base of the pad to the drainage area for the storm water retention pond to prevent reverse grading and to provide a paved turning area for equipment.*
4. **Designate and mark areas for materials receiving.**
5. *The Storm water retention pond is permitted by the Division of Water Quality permit number WQ 0033492 and is a lined. The Application and Operations Plan require a minimum of 1 foot of free board be maintained between the level in the pond and the edge of the retaining berm for the pond at all times. Evidence that leachate has over washed the retaining berm and is leaving the site was observed during this inspection. Smith indicated during a meeting in September that Eastern Composting is working on an automatic fixed pump to control the leachate level. This pump will feed to a nearby sewer line and transport the leachate to the Rocky Mount WWTP. This pump was not been installed at the time of this inspection. The pump needs to be installed as soon as possible.*

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



Phone: 252 236 4453 email: ben.barnes@ncdenr.gov

Ben Barnes
 Environmental Senior Specialist
Regional Representative

Sent on: March 19, 2014	X	Email		Hand delivery		US Mail	Certified No.
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Copies: Dennis Shackelford, Eastern District Supervisor
 Jessica Montie, Compliance Officer
 Tony Gallagher, Composting and Land Application Branch Head
 Michael Scott, Section Chief

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Evidence of leachate over wash from the storm water retention pond was observed. **Leachate Pond Operation and Maintenance** from the **Operations Plan** states that: *“no water is to bypass the pond nor will any water leave the pond once it has entered unless pumped for use in the composting process or pumped and disposed of properly through waste management. At no time will the water depth be allowed to reach within one foot of the berm top unless during an unusual rainfall event. During or before an expected extreme rainfall event the pond will be completely emptied of water to allow for maximum storage capacity”*.



Better placement of incoming feedstock in the foreground. Material has been windrowed and the pile was started up slope. Placement of the feed stocks in a windrow along the direction storm water flow minimizes leachate generation.

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Grease incoming to the facility is dewatered by being impounded with compost. A better method to dewater and manage incoming grease material needs to be found. A dewatering tank would be a better solution.



Leachate Pond Operation and Maintenance from the **Operations Plan** states in part that: “ *maintenance of the pond and swale will include but not be limited to: swales are to remain cleared of debris to allow free flow of water to the pond, sediment buildup will be removed on a quarterly basis and re-used within the composting process.* In September, Smith indicated plans to re-grade the swales so that runoff flows freely to the storm water retention pond. At the time of this inspection this work has not been done.