



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS	COUNTY: County PERMIT NO.: 33-03 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: June 19, 2013

Date of Last Inspection: December 19, 2012

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
 Ronald Carroll, Site Manager
 Jason Smith, Manager/Partner

STATUS OF PERMIT:

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

PURPOSE OF SITE VISIT:

Comprehensive Audit of Type IV Compost Facility

STATUS OF PAST NOTED VIOLATIONS:

NONE

OBSERVED VIOLATIONS:

15A NCAC 13B .1406 OPERATIONAL REQUIREMENTS FOR SOLID WASTE COMPOST FACILITIES:

Any person who maintains or operates a solid waste compost facility shall maintain and operate the site to conform with the following practices: (7) Safety Requirements: (A) Open burning of solid waste is prohibited. *Eastern Composting is in violation of this rule in that a 10,000 gallon oil drum has been cut in half and is being used to burn wood waste and pallets for nail separation. This drum was located around 100 feet from a large mulch pile. Burning was occurring during the inspection. In order to bring this site into compliance, cease all burning immediately and remove the drum.*

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 5

15A NCAC 13B .1406 OPERATIONAL REQUIREMENTS FOR SOLID WASTE COMPOST FACILITIES

Any person who maintains or operates a solid waste compost facility shall maintain and operate the site to conform with the following practices: (4) Leachate shall be contained on site treated to meet the standards of the off-site disposal method. *Eastern Composting is in violation of this rule in that raw material particularly cotton motes was stored and handled on the pad in such a manner that excess leachate is being generated. Plus improper grading at the northern edge is allowing leachate to pond at the edge of the pad. In order to be in compliance, material especially the cotton motes need to be stored on the pad prior to composting in such a manner that leachate generation is kept to a minimum. Windrowing to improve drainage and storing on the upper part of the pad are possible options.*

15A NCAC 13B .1408 METHODS FOR TESTING AND REPORTING REQUIREMENTS:

(b) Record Keeping: All facility owners or operators shall record and maintain records for a minimum of five years. Records shall be available for inspection by Division personnel during normal business hours and shall be sent to the Division upon request:

(1)Daily operational records must be maintained, which include, at a minimum, temperature data (length of the composting period) and quantity of material processed; (2)Analytical results on compost testing; (3)The quantity, type and source of waste received; (4)The quantity and type of waste processed into compost; (5)The quantity and type of compost produced by product classification; and (6)The quantity and type of compost removed for use or disposal, by product classification, and the market or permitted disposal facility. *Eastern Composting is in violation of this rule in that records were not available during this inspection. No one in the office knew where required records were kept. In order to be in compliance, records must be available for inspection all times during normal working hours.*

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. Records were not available during the June 19, 2013 inspection. Another visit was made on June 26, 2013 and the records were available and reviewed. **Unavailability of records has been a problem in the past. Ensure that records are retained in the office and available at all times.**
2. The operating hours are from 8AM to 5PM M-F and 8AM to 12PM Saturday.
3. The potential waste stream includes: tobacco dust, fly ash, wood ash, wood fiber sludge, animal bedding, municipal waste water & water residuals, ground water well residuals, engineered wood, paper waste, sheetrock/gypsum board, agri-business waste by-products and amino acids.
4. The current primary waste stream is generated by the City of Wilson, City of Raleigh, Boseman Farms, Bruce Foods, Cheesecake Factory, the Town of Enfield, Whitakers Cotton Gin, Murphy Farms, Consolidated Diesel, Parson's Pallets, and yard debris from various sources.
5. Leachate was observed in ponds on various areas of the facility and at the base of some of the product and incoming material piles. **Eastern Composting needs to improve drainage management to minimize the generation of leachate and runoff.**
6. Some odor was noted, **operations need to be conducted to minimize odor generation.**
7. **Sign needs to be modified**
8. Problems with maintaining the required temperatures and PSRP have been noted in the past year. The Fecal Coliform in Solids result from samples taken on November 20, 2012 was >1600 MPN/g, TS, which is well above the 1000 MPN/g TS limit. According to Jason Smith this compost was reincorporated into the raw material and re-composted. A second sample was taken and the results were satisfactory. The most recent testing event occurred a few days ago, the results have not been submitted yet. **If fecal Coliform are found exceeding standards, the Ops Plan requires that any failed sample results be reported to the Division within 72 hours**
9. The storm water retention pond was nearly full. **Smith indicated he has contacted the City of Rocky**

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 5

- Mount and the pond should be pumped out next week.**
10. Make sure that all thermometers are calibrated as needed.
 11. Make sure Biosolids contents are logged when brought to the site.
 - 12. Make sure weather conditions are monitored.**
 - 13. Mark designated areas for materials receiving.**
 - 14. These operational changes should be in place and functioning within 30 days of the date this inspection form was sent.**

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

Ben Barnes

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

Ben Barnes
 Environmental Senior Specialist
Regional Representative

Sent on: June 28, 2013	X	Email		Hand delivery		US Mail	X	Certified No.
------------------------	---	-------	--	---------------	--	---------	---	---------------

Copies: Dennis Shackelford, Eastern District Supervisor
 Jessica Montie, Compliance Officer
 Tony Gallagher, Composting and Land Application Branch Head



to the mulch pile

Photo illustrating the proximity of the burn barrel

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 5



Another view of the burn barrel



Close up view of the burn barrel.



Pile of cotton mott managed in such a manner that water is collecting and generating excess leachate.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 5 of 5



Another view of cotton mott pile



Leachate ponded on the north side of the pad



Leachate ponded on the north side of the pad