



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Alamance PERMIT NO.: 01-06 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P	X	FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: February 10, 2014

Date of Last Inspection: December 18, 2012

FACILITY NAME AND ADDRESS:

Carolina Resource Recovery, Inc. Treatment and Processing Facility
 Jones Drive
 Mebane, NC 27302

GPS COORDINATES: N: 36.02025 E: -79.27415

FACILITY CONTACT NAME AND PHONE NUMBER:

Steven S. Scott, President – Carolina Resource Recovery, Inc.
 Steven S. Scott, CEO – Scott Stone, Inc.
 w. 919-563-3469
 c. 336-214-7229
 f. 919-563-6335
LScott@scottstone.com

FACILITY CONTACT ADDRESS:

Steven S. Scott, CEO – Scott Stone, Inc.
 3285 Jones Drive
 Mebane, NC 27302

PARTICIPANTS

John Patrone, Environmental Senior Specialist – Solid Waste Section (SWS)
 Steven S. Scott, President - Carolina Resource Recovery, Inc. and CEO – Scott Stone, Inc.

STATUS OF PERMIT:

Permit To Operate (PTO) issued December 14, 2012
 PTO expiration date December 14, 2017

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

None

OBSERVED VIOLATIONS

None

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 4

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

On February 10, 2014, John Patrone met with Steven S. Scott to conduct a comprehensive inspection of the Carolina Resource Recovery, Inc. Treatment and Processing Facility on Jones Drive in Mebane, Alamance County.

1. Carolina Resource Recovery, Inc. is a land clearing debris (LCD) treatment and processing (TP) facility.
2. High carbon:nitrogen ratio material is managed for the production of mulch and soil.
3. The facility permit, site plan, and operations plan were discussed.
4. The facility is divided into three sections. The first is dedicated to soil stockpile, screening, and load-out. The second is dedicated to LCD process and storage. And the third (currently unused) is dedicated to a temporary disaster debris staging site (TDDSS).
5. The facility is in operation Monday through Friday 8:00 am to 5:00 pm and Saturday, by appointment only, 7:00 am to 12:00 pm.
6. Material is generally received from Alamance, Chatham, and Orange Counties.
7. The facility is permitted to receive LCD, untreated and unpainted wood waste, uncontaminated pallets, and uncontaminated soil. Yard trash (high nitrogen:carbon ratio material) shall not be accepted.
8. Blue pallets shall not be accepted. Ensure they are removed from the LCD process and storage area.
9. High carbon:nitrogen ratio material is formed into piles resembling windrows. The piles are left in-place, allowing vegetation to grow atop. Material is stored for ~ 18 months, turned ~ 3 times. Soil is collected from the piles during the turning operation and is stored until screened. Land clearing debris is ground twice a year or until enough is obtained to necessitate grinding.
10. Ensure overs from the screening process are reincorporated into the LCD process and storage area.
11. Land clearing debris is ground in the process and storage area. Mulch is generally sold soon after being obtained.
12. The LCD process and storage area piles appeared to be ≤ 33 feet wide and 16 feet high.
13. The LCD process and storage area shall maintain ≥ 20 feet row aisles. Ensure LCD that has encroached into the aisles is removed and the aisles are accessible year round.
14. Mulch piles should be limited to ~ 10 feet wide and 12 feet high.
15. The mulch pile storage area shall maintain ≥ 15 feet row aisles.
16. At the time of inspection, the facility did not have mulch or screened topsoil on site.
17. Mr. Scott stated that there is ~ 5000 yd³ of LCD on site, of which ~ 1000 yd³ is soil (within the LCD piles), and ~ 2000 yd³ of topsoil stockpiled/to be screened.
18. Facility capacity is limited by LCD windrow storage pile dimensions (available area ~ 10.5 acres).
19. Mr. Scott stated that a single axle truck holds ~ 7 - 8 tons, a tandem axle holds ~ 16 tons, a tri-axle holds ~ 18 - 20 tons, and a tractor trailer holds ~ 48,000 lbs (estimates do not include air space).
20. The facility annual report (FAR) for July 2012 through June 2013 was received by the SWS on August 1, 2013. The facility received 294.4 tons of LCD.
21. The facility has calculated that LCD can be converted using a factor of 400 pounds per cubic yard or 0.2 tons/yd³.
22. The facility maintains records of incoming and outgoing material. Records were verified for July 2013 through January 2014. The facility received 177.6 tons or 888 yd³ of LCD and shipped-out/sold 333 yd³ of topsoil. No mulch has been created or sold during the same time period.
23. During dry conditions the facility will apply water to access roads and/or limit activity to prevent dust from becoming a nuisance or safety hazard.
24. The facility appeared to maintain a 50 foot buffer from property lines.
25. Mr. Scott stated that he may request that the facility be redesignated as a yard waste facility notification (YWN).

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 4

26. A requirement of YWN is that the facility occupies < 2 acres and processes and stores less than 6000 yd³ quarterly.
27. As discussed during the inspection, it would be prudent to actively process LCD and sell/remove topsoil and mulch during the coming months.
28. To discuss YWN requirement please contact Tony Gallagher, Supervisor - Composting & Land Application Branch, at 919-707-8280.
29. The facility has conditional approval for a temporary disaster debris staging site.
30. The TDDSS number is: DS01-001.
31. The area designated for the TDDSS consists of ~ 2.4 acres cleared of woody vegetation and ~ 2.4 acres containing trees.
32. It is suggested that the remaining area available for the TDDSS be cleared of trees to increase the area available for debris storage during a disaster event.
33. It is suggested that the area available for the TDDSS be routinely mowed.
34. It is suggested that a site plan be maintained for the TDDSS, to include: a traffic pattern for ease of ingress and egress, material placement, equipment storage, waste screening activities, personnel facilities, etc.
35. During the inspection, the designated TDDSS did not contain material.
36. Unprocessed debris piles associated with the TDDSS shall be ≤ 25 feet wide and 12 feet high.
37. Unprocessed debris piles at the TDDSS shall maintain ≥ 15 feet row aisles.
38. If the facility plans to operate the TDDSS due to a natural disaster the facility must notify the SWS prior to accepting material. Material accepted at the TDDSS must be removed (from the TDDSS) within six months of receipt.
39. The Division of Water Quality (DWQ) issued the facility a National Pollutant Discharge Elimination System – Stormwater Discharge permit, General Permit (No. NCG210000), certificate of coverage (No. NCG210421), dated February 1, 2012.
40. No erosion or runoff was observed.
41. The facility should be routinely mowed such that stored material can be accurately monitored and easily accessible. Ensure the site is mowed.
42. Facility personnel are trained in basic fire response. The local fire department will address an emergency.
43. The facility is secured by a locked gate.
44. The facility has proper signage.
45. The permit expiration date is December 14, 2017.
46. The permit renewal application should be submitted to the SWS by August 14, 2017.

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



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone
 Environmental Senior Specialist
Regional Representative

Sent on: <u>February 13, 2014</u>	X	Email		Hand delivery		US Mail	Certified No. []
-----------------------------------	---	-------	--	---------------	--	---------	-------------------

Electronic copies: Jason Watkins, Western District Supervisor
 Sarah Rice, Compliance Officer
 Tony Gallagher, Supervisor - Composting & Land Application Branch
 Liz Patterson, Composting and Land Application Branch

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

Digital pictures taken on February 10, 2014
by John Patrone, DWM-SWS

Soil screening area



LCD piles and access road



LCD pile – blue pallets to be removed



TDDSS – cleared area

