



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

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

**Date of Site Inspection:** March 3, 2015

**Date of Last Inspection:** February 10, 2014

**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](mailto: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)  
 Kimberly Ho, Clerical – 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

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**OBSERVED VIOLATIONS**

None

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 also 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 March 3, 2015, John Patrone met with Kimberly Ho 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. The facility permit, site plan, and operations plan were discussed.
3. The facility is open Monday through Friday 8:00 am to 5:00 pm and, by appointment, Saturday 7:00 am to 12:00 pm.
4. 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.
5. High carbon:nitrogen ratio material is managed for the production of mulch and screened soil.
6. The facility has three areas: soil screening, stockpile, and load-out, LCD storage and processing, and temporary disaster debris staging site (TDDSS) and mulch storage.
7. Material is generally received from Alamance, Chatham, and Orange Counties.
8. The material received is formed into piles. The piles are left in-place, allowing vegetation to grow atop.
9. Material is stored until needed and/or broken-down. Soil is collected from the piles and is stored until screened. Land clearing debris is ground when mulch is needed.
10. The LCD storage and process area piles appeared to be  $\leq 33$  feet wide and 16 feet high.
11. The LCD storage and process area shall maintain  $\geq 20$  feet row aisles.
12. Mulch piles shall be limited to 12 feet high.
13. The mulch pile storage area shall maintain  $\geq 15$  feet row aisles.
14. The facility estimates 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 of LCD (estimates do not include air space).
15. The facility calculates that LCD can be converted using a factor of 400 pounds per cubic yard or 0.2 tons/yd<sup>3</sup>.
16. The facility maintains records of incoming and outgoing material. Records were verified for February 2014 through January 2015. The facility received 182.4 tons or 912 yd<sup>3</sup> of LCD and shipped out 1 yd<sup>3</sup> of topsoil. No mulch has been created or shipped out during the same time period. No soil was observed on site.
17. It is estimated that the facility still has 5000 yd<sup>3</sup> of LCD on site, of which ~ 1000 yd<sup>3</sup> is soil (within the LCD piles).
18. The facility annual report (FAR) for July 2013 through June 2014 was received by the SWS, dated July 29, 2014. The facility received 209.6 tons of LCD.
19. Ensure recently accepted LCD is removed from the aisle and placed into a pile. Inclement weather has hindered facility equipment from operating on site.
20. The LCD storage footprint appeared to be near capacity. It is suggested that LCD is ground in the coming months.
21. The pace of facility operation suggests that LCD is stored until broken down and screened for topsoil.
22. The facility may limit operations in order to obtain a yard waste facility notification (YWN).
23. A requirement of YWN is that the facility occupies < 2 acres and processes and stores less than 6000 yd<sup>3</sup> quarterly.
24. To discuss YWN requirements please contact Tony Gallagher, Composting & Land Application Branch Head - SWS, at 919-707-8280.

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25. The facility has conditional approval for a TDDSS.
26. The TDDSS number is: DS01-001.
27. The area designated for the TDDSS and mulch storage consists of ~ 2.4 acres cleared and ~ 2.4 acres containing trees.
28. It is suggested that the area containing trees is cleared in order to increase the area available for debris storage during a disaster event.
29. It is suggested that the area available for the TDDSS is mowed.
30. During the inspection the TDDSS and mulch storage area did not contain material.
31. If the facility plans to operate the TDDSS due to a disaster event 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.
32. If the TDDSS is to be operated stored mulch should be removed from the area.
33. The facility has a National Pollutant Discharge Elimination System (NPDES) permit, No.: NCG210421, effective date: 08/01/13 and expiration date: 07/31/18.
34. No erosion or runoff was observed.
35. The facility should be mowed such that stored material can be accurately monitored and easily accessible.
36. The Alamance County Volunteer Fire Department and/or the Mebane Fire Department may respond to an emergency.
37. The facility is secured by a locked gate.
38. The facility has a proper sign. Reposition the sign closer to the facility entrance.
39. The permit expiration date is December 14, 2017.
40. 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: 336-776-9673

John Patrone, Environmental Senior Specialist  
 Division of Waste Management, NCDENR

Sent on: <u>March 4, 2015</u>	X	Email		Hand delivery		US Mail		Certified No. [ ]
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Electronic Copies: Deb Aja, Western District Supervisor - SWS  
 Sarah Rice, Compliance Officer - SWS  
 Tony Gallagher, Composting & Land Application Branch Head - SWS  
 Liz Patterson, Environmental Technician – SWS  
 Kimberly Ho, Clerical – Scott Stone, Inc. ([kho@scottstone.com](mailto:kho@scottstone.com))

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Digital pictures taken March 3, 2015  
by John Patrone, DWM-SWS

Soil screener (soil screening, stockpile, and load-out area)



Right front access road



Left area access road – LCD to be placed in pile



Left rear access road



Right rear access road



TDDSS and mulch storage area

