

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
**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:** February 18, 2016

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

**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, 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)  
 Steven S. Scott, 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

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.

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**ADDITIONAL COMMENTS**

On February 18, 2016, John Patrone met with Steven 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 (T&P) facility.
2. The facility is generally open by appointment only.
3. The facility permit, site plan, and operations plan were discussed.
4. The facility is permitted to receive LCD, untreated and unpainted wood waste, uncontaminated pallets, and uncontaminated soil.
5. Material is generally received from Alamance, Chatham, and Orange Counties.
6. High carbon:nitrogen ratio material is managed primarily for the production of screened soil, although mulch is produced if needed.
7. High nitrogen:carbon ratio material shall not be accepted.
8. The facility has three process areas: (1) soil screening, stockpile, and load-out, (2) LCD storage and processing, and (3) temporary disaster debris staging site (TDDSS) and mulch storage.
9. Material received is formed into piles. The piles are left in-place allowing vegetation to grow atop.
10. Vegetation covers much of the area and LCD piles.
11. Material is stored until needed and/or broken-down. Soil is collected from the piles and is stored until screened.
12. The facility does not routinely accept new material.
13. 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).
14. 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>.
15. The facility maintains records of incoming and outgoing material. Records were verified for July 2015 through February 17, 2016. The facility received 0.0 tons and shipped out 0.0 yd<sup>3</sup> of topsoil. No mulch has been created or shipped out during the same time period. No topsoil or mulch was observed on site.
16. It is estimated that the facility has  $\leq$  5000 yd<sup>3</sup> of LCD on site, of which ~ 1000 yd<sup>3</sup> is soil (within the LCD piles).
17. The facility annual report (FAR) for July 2014 through June 2015 was received by the SWS, dated July 31, 2015. The facility received 150.4 tons of LCD.
18. The facility may limit operations in order to obtain a yard waste notification (YWN) instead of renewing the permit.
19. A YWN requires that the facility occupy < 2 acres and processes and store less than 6000 yd<sup>3</sup> quarterly.
20. Contact the SWS, Tony Gallagher - Composting & Land Application Branch Head at 919-707-8280, to discuss transitioning the permitted facility to a YWN.
21. Mr. Scott stated that over the next year the facility will receive a large quantity of clean soil. The soil will be used to create a pad atop the area allotted for facility operations. During that time the LCD piles will be moved within the facility operational area and turned/reconstructed when replaced.
22. Mr. Scott was asked to contact the Department of Environmental Quality – Energy, Mineral and Land Resources' Land Quality Section at the Winston-Salem Regional Office at 336-776-9800 regarding sediment control requirements pertaining to the soil pad construction.
23. The facility has conditional approval for a TDDSS (#DS01-001).
24. The area designated for the TDDSS is also a mulch storage area. The area allotted is ~ 2.4 acres cleared and ~ 2.4 acres treed.
25. It is suggested that the area containing trees is cleared in order to increase the area available for debris storage during a disaster event.
26. 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.

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- 27. The facility has a National Pollutant Discharge Elimination System (NPDES) permit, No.: NCG210421, effective date: 08/01/13 and expiration date: 07/31/18.
- 28. No erosion or runoff was observed.
- 29. The facility should be mowed such that stored material can be accurately monitored and easily accessible.
- 30. The Alamance County Volunteer Fire Department and/or the Mebane Fire Department can be contacted to respond to an emergency.
- 31. The facility is secured by a locked gate.
- 32. The facility has a proper sign.
- 33. The permit expiration date is December 14, 2017.
- 34. 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, NCDEQ

<b>Sent on:</b> <u>February 19, 2016</u>	X	Email		Hand delivery		US Mail		Certified No. [ ]
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Electronic Copies: Deb Aja, Western District Supervisor - SWS  
 Jessica Montie, Compliance Officer - SWS  
 Tony Gallagher, Composting & Land Application Branch Head - SWS  
 Michelle Sclafani, Environmental Technician – SWS  
 Kimberly Ho, Clerical – Scott Stone, Inc. ([kho@scottstone.com](mailto:kho@scottstone.com))

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Digital pictures taken February 18, 2016  
by John Patrone, DWM-SWS

Soil screening area – not in use



LCD pile – new soil pad being constructed



LCD area - new soil pad being constructed



Fire lane around operations – representative

