



Waste Management  
ENVIRONMENTAL QUALITY

# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management

### Solid Waste Section

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS		<b>COUNTY:</b> Davie <b>PERMIT NO.:</b> 3004-Compost-2014 <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDF		

**Date of Site Inspection:** 6-24-16

**Date of Last Inspection:** Initial Inspection

**FACILITY NAME AND ADDRESS:**

Davie County Compost Facility  
End of Lee Jackson Drive  
Advance, NC 27006

**GPS COORDINATES:** N: 35.584354 W: 80.300392

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Eric Wallace, President  
Telephone: 704-875-2975  
Email address: eric@wallacefarmproducts.com

**FACILITY CONTACT ADDRESS:**

Same as above

**PARTICIPANTS:**

Eric Wallace, President, Wallace Farm, Inc.  
Dean Lentz, Director of Operations, Wallace Farm, Inc.  
Michelle Lambert, Office Manager, Wallace Farm, Inc.  
Kim Sue, NCDEQ - Environmental Senior Specialist - Solid Waste Section  
Teresa Bradford, NCDEQ - Environmental Senior Specialist - Solid Waste Section

**STATUS OF PERMIT:**

The Permit to Operate a Large Type 3 Solid Waste Compost Facility was issued on November 24, 2015 and shall expire on November 17, 2019.

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection, Odor Investigation

**STATUS OF PAST NOTED VIOLATIONS:**

N/A

**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**

1. The facility is permitted as a large, Type 3 Solid Waste Compost Facility. This is the first inspection of the facility.
2. Proper signage was observed at the entrance to the facility.
3. All access roads were in good operational condition.
4. The 100-foot buffer is being maintained between the onsite well and compost areas.
5. No unacceptable waste was observed in the pit area for incoming materials.
6. It appears windrows were being maintained at/near the approved size as stated in the approved operations plan. No leachate or surface water was observed around the windrows and roadways.
7. Effective vector control measures have been implemented to reduce the potential for vector attraction.
8. The facility is being operated and maintained with sufficient dust control measures to minimize airborne emissions to prevent dust from becoming a nuisance or safety hazard.
9. The facility utilizes a meter that captures both temperature and oxygen levels in the compost windrows.
10. An odor investigation was conducted of the surrounding neighborhoods of Wallace Farms prior to inspection of the facility and after completion of the inspection. Weather conditions: slight breeze, mid 70's and partly sunny. A slight wooden earthen compost smell was observed at the lowest road elevation on US Hwy 158 between Brix Ln. and Pinebrook School Rd. at approximately 9:30 a.m. No odor was observed at this location during the follow-up drive by at approximately 11:30 a.m. with Eric Wallace and Dean Lentz. Wallace Farm staff have developed an odor complaint form that is filled out as odor complaints are reported. A mobile device application has also been created and is loaded on Dean Lentz's cell phone for him to record odor complaints in the field. They are monitoring wind direction to determine the appropriate time to turn the windrows. Wallace Farm has also moved a spreader from the Huntersville Facility to help staff in covering tops and upper half of windrows with finished compost.
11. No odors were detected at the following locations between 9:30 a.m. to 10:15 a.m.
  - 119 Boger Rd.
  - 3472 US Hwy 158
  - 104 Diane Ln.
  - 152 Dare Ln.
  - 197 Dare Ln.
  - 507 Rainbow Rd.
12. Records Reviewed:
  - Please ensure that the current permit and approved operations plan is readily available for review.
  - As stated in the approved operations plan in Section 3.3-Qaulity Assurance Plan, Wallace Farm will test or obtain test data on incoming feedstocks annually to ensure that metals are below the Solid Waste Standards as shown in Section .1407. Test data was available for review on the computer and facility staff stated they would make records available in paper format for the next inspection.
  - As stated in the approved operations plan in Section 3.3-Qaulity Assurance Plan, composite compost samples will be taken quarterly and compared to the standards shown in Table 4

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(Quarterly monitoring for Class A compost requirements). Please commence composite sampling in accordance with the approved operations plan although no compost has been distributed to the public, sampling must still be performed in order to comply with the approved operations plan.

- Complaint records were reviewed and facility staff are addressing all complaints received.
- Temperature logs reviewed from 11-3-15 to current. Temperatures appeared to be maintained at or above the required temperature.
- Tonnage records were reviewed.
  - May – 4362 tons
  - June – 4076.3 tons

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

Phone: (704) 235-2163

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Kim Sue  
 Environmental Senior Specialist  
*Regional Representative*

Sent to: Eric Wallace on 7-8-16	X	Email		Hand delivery		US Mail	Certified No. [ ]
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Copies: Deb Aja, Western District Supervisor - Solid Waste Section  
 Jessica Montie, Compliance Officer – Solid Waste Section