



**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: FRANKLIN</b> <b>PERMIT NO.: SWS-3506-COMPOST</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF	HHW	White goods	Incin	T&P		FIRM	
CDLF	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO		SDTF	

**Date of Site Inspection:** October 3, 2013

**Date of Last Inspection:** February 1, 2012

**FACILITY NAME AND ADDRESS:**

David Brantley & Sons, Inc.  
 37 Pine Ridge Road  
 Zebulon, NC 27597

**GPS COORDINATES:** N: 35.92656 E: 078.25294

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Shane Brantley, Owner/Operator  
 Telephone: 888-817-1904  
 Email address: davidbrantleyandsons@yahoo.com  
 Fax: 252-478-4644

**FACILITY CONTACT ADDRESS:**

Same as above

**PARTICIPANTS:**

Mary Whaley, NCDENR, Solid Waste  
 Connie Wylie, NCDENR, Compost and Land Application  
 Elizabeth Patterson, NCDENR, Compost and Land Application  
 Tony Gallagher, NCDENR, Compost and Land Application  
 Shane Brantley, Owner/ Operator

**STATUS OF PERMIT:**

The permit was issued on March 22, 2012. It is a Small type 3 compost facility. The permit will expire on March 22, 2017.

**PURPOSE OF SITE VISIT:**

Comprehensive audit

**STATUS OF PAST NOTED VIOLATIONS:**

15 A NCAC 13B .1406 (8) (A) A sign has been placed at the entrance to the facility and it includes all required information. RESOLVED

**OBSERVED VIOLATIONS:**

NA

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.

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**ADDITIONAL COMMENTS:**

1. The materials to be composted include dewatered residential septage and/or grease trap waste from restaurants with a bulking material. The bulking material being used at this time is wood chips supplied by Asplundh.
2. Per your Operations Plans the storage of the finished compost will be done on site over 100 feet away from windrows and the storage is up slope to prevent any cross contamination. **The finished pile to the south side of the concrete pad appears to be within 100 feet of the active compost pile. Insure the distance is adhered to.**
3. It states in your Ops Plan, **“Turn the windrows at least 5 times in 15 days and log the dates.” Insure this is being done.**
4. It states in your Ops Plan that **“The temperatures are checked daily except on weekends.” Insure that the temperatures are being checked daily.**
5. Composite samples of compost were tested according to the rules. The results were reviewed and all were within established limits. The testing is done every 6 months, due to less than 20,000 tons of compost being produced. The facility operational capacity for this permit shall be limited to 7,850 tons of feedstocks per year received for composting
6. Temperature records are kept and the logs were reviewed during the audit. On the temperature logs, it would be helpful to include the inclusive dates at the top of the page, the date the piles are combined, dates that probes are calibrated and highlighting or \* the dates of temps over 131 for 15 days and any information that would be helpful from the examples that were e mailed to you.
7. The Ops Plan states, **“The immediate down slope area from the windrows are protected by an earth berm.” Insure that the berm is there.**
8. The facility uses a concrete pad to mix the wood chips into the waste with a drainage system to retain the leachate. It is recommended that the soil on either side of the concrete pad, where the leachate has flowed, be incorporated into the active windrow on a more frequent basis.”
9. There was only one small windrow, approximately 30 feet long, at the site at this time of this inspection.
10. There was not a heavy offensive odor at the site.
11. **Easily visible permanent markers must be established to show the boundaries of the compost area.**
12. **Insure that a minimum of 25 feet, for emergency vehicle access is maintained around the site.**
13. The access road was in good condition.
14. **Insure that there is a 100 foot buffer between all parts of the compost site and any property line.**

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



Phone: 919-693-5023

Environmental Senior Specialist  
**Regional Representative**

Sent on: <u>October 8, 2013</u>	X	Email		Hand delivery		US Mail		Certified No. [ ]
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Copies: Dennis Shackelford, Eastern District Supervisor  
 Tony Gallagher, Composting and Land Application  
 Jessica Montie, Compliance Officer

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Wood chips for carbon source



2 day old windrow



Leachate- approximately 30 feet from windrow



Concrete pad with leachate in soil to the side



Stored, finished compost



Same 2 day old windrow