



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS	COUNTY: CHATHAM PERMIT NO.: SWCD-19-12 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/>	SDTF	

Date of Site Inspection: June 17, 2015 **Date of Last Inspection:** Initial Inspection

FACILITY NAME AND ADDRESS:
 Celebrity Dairy LLC DBA Celebrity Dirt
 198 Celebrity Dairy Way
 Siler City, NC 27344

GPS COORDINATES: N: 35.758693 W: -79.354031

FACILITY CONTACT NAME AND PHONE NUMBER:
 Name: John Bonitz
 Telephone: 919-360-2492
 Email address: john.bonitz@gmail.com

FACILITY CONTACT ADDRESS:
 21 Fox Chapel Lane
 Pittsboro, NC 27312

PARTICIPANTS:
 Liz Patterson, NCDENR – Solid Waste Section
 Tony Gallagher, NCDENR – Solid Waste Section
 John Bonitz, Owner/Operator

STATUS OF PERMIT:
 Type 3 Compost Facility
 Solid Waste Compost Demonstration Approval Letter: June 4, 2015
 Extension Request Date: 3/1/16 Expiration Date: 6/1/16

PURPOSE OF SITE VISIT:
 Pre-operational site 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.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 2

ADDITIONAL COMMENTS

1. The purpose of the site was to conduct a pre-operational inspection.
2. The buffers were reviewed and are adequate at this time.



3. An aerated-static pile system using a ¼ horse power blower to push air into perforated piping at intervals and for durations controlled by electronic timers is currently being used. Peter Moon of o2Compost has provided initial guidance on the system.
4. Daily temperature monitoring logs were available and reviewed. Temperature records are manually recorded on clipboard along with ambient outdoor temperature and weather. This data is then entered into spreadsheets weekly.
5. Batches with problems or concerns are rerun through the system and retested.
6. Both the Dirtworks facility and the Manure Dry Store are in compliance with Chatham County Planning Office and Environmental Health Division and have received site-plan approvals for all necessary setbacks from drinking water and surface water.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section



7. Liz Patterson provided the following table below which outlines required the testing for Type 3 facilities (in accordance with Section .1407 and .1408 of the Solid Waste Management Rules). Please note that Condition #8 of the demonstration approval letter requires that all compost shall be tested and the results approved by the Solid Waste Section prior to being used at the facility or removed from the facility for any use.

<u>Test Requirements</u>	<u>Test Description/Methodology</u>	<u>Allowable Limits</u>
<u>Foreign Matter Test (also known as the Manmade Inerts % dry wet of inerts, per .1407 Table 2)</u>	<u>A dried, weighed sample of compost product is passed through a ¼ inch screen. The material remaining on the screen is inspected and the foreign matter that can be clearly identified is separated and weighed. The weight of the foreign matter divided by the weight of the total sample is determined and multiplied by 100 to calculate the percent dry weight of the foreign matter content.</u>	<u>≤6 %</u>
<u>Pathogen Reduction (PFRP test)</u>	<u>Fecal Coliform (*more than one option for PFRP testing, Appendix B)</u>	<u><1000 MPN/g</u>
<u>Metal Concentration (.1407 Table 1 and .1408 Table 3)</u>	<u>Cadmium (Cd), Copper (Cu), Lead (Pb), Nickel (Ni), and Zinc (Zn)</u>	<u>Cd < 39 mg/kg Cu < 1500 mg/kg Pb < 300 mg/kg Ni < 420 mg/kg Zn < 2800 mg/kg</u>

The above table can be located on the Section Portal at <http://portal.ncdenr.org/web/wm/sw/rules/rulelist>

8. Modifications to the compost demonstration approval and test results should be submitted to Tony Gallagher at tony.gallagher@ncdenr.gov .
9. Modifications or addendums to the approved plans must be approved prior to the activity or introductions of feed stocks.
10. Digital photographs were taken during the inspection.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

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

Liz Patterson
Environmental Senior Specialist
Regional Representative

Phone: 919-707-8286
elizabeth.patterson@ncdenr.gov

Sent on: <u>June 25, 2015</u>	X	Email		Hand delivery		US Mail	Certified No. []
-------------------------------	---	-------	--	---------------	--	---------	-------------------

Copies: Tony Gallagher, Composting & Land Application Branch Head
 Dennis Shackelford, Eastern District Supervisor – Solid Waste Section
 Jessica Montie, Compliance Officer – Solid Waste Section
 Michelle Sclafani, Composting & Land Application Branch