



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

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	<b>COUNTY: Caswell</b> <b>PERMIT NO.: 17-01 Closed</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF	<b>X</b>	HHW		White goods		Incineration		T&P		FIRM	
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Visit:** September 10, 2013 **Date of Last Inspection:** September 29, 2011

**FACILITY NAME AND ADDRESS:**

Caswell County Municipal Solid Waste Landfill - Closed  
 162 County Landfill Road  
 Yanceyville, NC 27379

**GPS COORDINATES:** N: 36.43914 E: -79.36948

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Tim Smith, Solid Waste Director  
 scale house 336-694-5811  
 c. 336-514-0365  
[tsmith@caswellcountync.gov](mailto:tsmith@caswellcountync.gov)

**FACILITY CONTACT ADDRESS:**

Tim Smith, Solid Waste Director  
 Caswell County Solid Waste Department  
 PO Box 98  
 Yanceyville, NC 27379

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Keith Fuqua, Scale House Operator

**STATUS OF PERMIT:**

Closed

**PURPOSE OF SITE VISIT:**

Post Closure Site Visit

**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 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 September 10, 2013, John Patrone met with Keith Fuqua to conduct a post closure site visit to view recently installed landfill gas wells at the Caswell County Municipal Solid Waste Landfill - Closed on County Landfill Road in Yanceyville, Caswell County.

1. The Caswell County Municipal Solid Waste (MSW) Landfill ceased operation prior to April 9, 1994 and was a landfill that received < 100 tons/day.
2. The landfill comprises closed Phases 1 and 2.
3. The landfill cap on Phase 1 is covered with trees.
4. The landfill cap on Phase 2 is covered with native grasses and intermittent trees.
5. Ensure woody vegetation is removed from the landfill cap.
6. The landfill cap should be routinely mowed.
7. The facility has installed two landfill gas (LFG) monitoring wells and uses a low water level groundwater monitoring well (MW-1) to monitor for landfill gas.
8. The two methane gas wells were installed in April 2013.
9. Per Smith Gardner, Inc., the two landfill gas wells each have a stopcock valve and the groundwater monitoring well has a slip-cap stopcock valve.
10. Methane monitoring conducted May and June 2013 indicate no detectible concentration.
11. Ensure the facility conducts quarterly methane monitoring. If you have any questions please contact Christine Ritter, SWS - Permitting Hydrogeologist at: 919-707-8254.
12. Monitoring for methane should also occur in enclosed structures, such as the scale house.
13. A yard waste facility notification (YWN, 17-001) is located on site, prior to the landfill area, adjacent to the scale house. The facility collects woody vegetation and static aerates the material. During the site visit no woody vegetation was on site. The material has been recently ground such that a small amount of mulch was on site.
14. A temporary disaster debris staging site (TDDSS, DS17-001) has been conditionally approved for a tract of land adjacent to the rear of Phase 2, setback ~ 300 feet. The TDDSS is ~ 5 acres.
15. Mr. Fuqua stated that storm debris was brought to the TDDSS a few months ago. The material has been recently ground such that there is a pile of mulch on site.
16. The mulch stored at the TDDSS shall be removed within 30 days of receipt of this report. The mulch may be relocated to the YWN site for public giveaway or used on site, etc.
17. Ensure SWS is informed prior to operation of the TDDSS and that when operated material is removed within 6 months. Operation constitutes any use of the dedicated TDDSS/area for storage of LCD/vegetative material.
18. No erosion or runoff was observed.
19. The access road is of all-weather construction.
20. The facility is secured by a locked gate. A scale house operator is on site.
21. The facility has signage. Ensure the closed landfill permit number is posted.

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



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone  
Environmental Senior Specialist  
*Regional Representative*

Sent on: <u>September 16, 2013</u>		Email		Hand delivery	<b>X</b>	US Mail	Certified No. <u>7010-0780-0002-0107-2474</u>
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electronic copies: Jason Watkins, Western District Supervisor  
Sarah Rice, Compliance Officer  
Christine Ritter, Permitting Hydrogeologist  
Jaclynn Drummond, Compliance Hydrogeologist

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Digital pictures taken September 10, 2013  
by John Patrone, DWM – SWS

Ground storm debris required to be removed



Groundwater monitoring well MW-1/LFG monitoring well



LFG monitoring well-2



LFG monitoring well - 1

