



**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 Inspection:** September 29, 2011 **Date of Last Inspection:** October 29, 2008

**FACILITY NAME AND ADDRESS:**

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

**GPS COORDINATES:** N: 36.43908 E: 79.36948

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Tim Smith, Solid Waste Director  
 w./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, NCDENR – Solid Waste Section (SWS)  
 Tim Smith, Caswell County - Solid Waste Director  
 Keith Fuqua, Scale House Operator

**STATUS OF PERMIT:**

Closed

**PURPOSE OF SITE VISIT:**

Post Closure Audit

**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.

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

Page 2 of 5

**ADDITIONAL COMMENTS**

On September 29, 2011, John Patrone met with Tim Smith and Keith Fuqua to conduct a post closure audit of 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. Mr. Smith stated that he believes the landfill ceased operation in October 1993.
2. A copy of the post closure conditions, dated September 7, 1995, was given to Mr. Smith.
3. The landfill comprises closed Phases 1 and 2.
4. The landfill cap on Phase 1 is covered with trees.
5. The landfill cap on Phase 2 is covered with native grasses and intermittent trees.
6. Ensure woody material is routinely removed from the landfill cap.
7. Mr. Smith stated that the Phase 2 landfill cap will be mowed November 2011. And that the woody material atop Phase 2 will be removed by January 2012.
8. The facility maintains semiannual groundwater and surface water monitoring records. Monitoring is conducted by S&ME, Inc. and analyzed by Pace Analytical Services, Inc. Records were verified for December 20 and July 1, 2010, December 10 and July 30, 2009, December 18 and June 12, 2008, and October 11 and May 29, 2007. An exceedance for each testing event was noted except for May 2007.
9. Methane gas vents were installed as a condition of landfill closure. Ensure that the vents are maintained and in good working order.
10. The facility shall monitor for landfill gas. Mr. Smith stated that methane monitoring will be conducted 4<sup>th</sup> quarter, 2011. Mr. Patrone asked that a copy of quarterly monitoring results be sent to the SWS – WSRO.
11. Ensure that the upgradient monitoring well is properly labeled and contains a cement slab.
12. Ensure that all monitoring wells have functional locks.
13. The animal burial area, adjacent to the rear of Phase 2, is no longer in operation. Mr. Smith stated that animal burial has not been conducted for ~ 5 years. The area is covered with soil and contains native vegetation.
14. Ensure that the SWS letter “Warning Notice - Environmental Monitoring Reporting Deficiencies,” dated July 6, 2010, is addressed.
15. A copy of the edge of waste marker memo, dated May 29, 2009, was given to Mr. Smith. Mr. Smith stated that edge of waste markers would be installed by January 2012.
16. A convenience center is located on site, prior to the landfill area, adjacent to the scale house. Containers are available for the collection of MSW, scrap metal, construction and demolition (C&D) debris, and white goods. MSW is compacted prior to being hauled-off site.
17. The facility manages white goods on a small white goods pad. Chlorofluorocarbons (CFCs) are removed by Jerry A. Hatchett, certification No. 04041968241969454M.
18. White goods and scrap metal are picked up by Hayes Iron and Metal Inc. in Providence.
19. A materials recovery facility (MRF)/area is located on site, prior to the landfill area, adjacent to the scale house. Convenience site containers containing recyclable material, collected throughout the county, are emptied and the material segregated into bays separated by concrete dividers. The facility collects newspaper, plastic, aluminum, and steel.
20. A yard waste facility notification (YWN, No. 17-001) is located on site, prior to the landfill area, adjacent to the scale house. The facility collects primarily woody vegetation and static aerates the material in one windrow. Mr. Smith was reminded that if material with high nitrate to carbon ratios is received temperature monitoring is required.
21. A temporary disaster debris staging site (TDDSS, No. DS17-001) has been approved for a tract of land adjacent to the rear of Phase 2, setback ~ 300 feet. Mr. Smith stated that the TDDSS is ~ 5 acres. And that he will ensure that ease of ingress and egress is maintained and that the area is routinely mowed. No debris was observed on the site.
22. Ensure that the SWS is informed prior to operation of the TDDSS and that material is removed within 6 months.

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

Page 3 of 5

- 23. No erosion or runoff was observed.
- 24. The access road is of all-weather construction.
- 25. The facility is secured by a locked gate. A scale house operator is on site.
- 26. The facility has signage, although the closed landfill permit number should be included.

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>October 4, 2011</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. [ ]
---------------------------------	-------------------------------------	-------	--	---------------	--	---------	--	-------------------

Copies: Dennis Shackelford, Eastern District Supervisor  
Shawn McKee, Compliance Officer  
Jaclynne Drummond, Compliance Hydrogeologist

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

Page 4 of 5

Digital photographs taken September 29, 2011  
by John Patrone, DWM – SWS

Scale house



All-weather access road (leading to closed landfill area)



Woody vegetation atop Phase 2 (right side)  
and methane gas vent



Woody vegetation atop Phase 2 (rear)



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

Page 5 of 5

Upgradient well requiring tag and cement slab



TDDSS area adjacent to right rear of Phase 2



Materials recovery facility/area, adjacent to scale house



Main facility sign, at entrance

