



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

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

Date of Site Inspection: July 25, 2014

Date of Last Inspection: September 29, 2011 (site visit: 09/10/13)

FACILITY NAME AND ADDRESS:

Caswell County Closed MSW Landfill
 162 Landfill Road
 Yanceyville, NC 27379

GPS COORDINATES: N: 36.43908 E: -79.36948

FACILITY CONTACT NAME AND PHONE NUMBER:

Tim Smith, Solid Waste Supervisor
 w./scale house 336-694-5811
 c. 336-514-0365
 f. 336-694-5550
tsmith@caswellcountync.gov

FACILITY CONTACT ADDRESS:

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

PARTICIPANTS

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)
 Tim Smith, Solid Waste Supervisor - Caswell County

STATUS OF PERMIT:

Closed

PURPOSE OF SITE VISIT:

Post Closure 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.

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ADDITIONAL COMMENTS

On July 25, 2014, John Patrone met with Tim Smith to conduct a post closure inspection of the Caswell County Closed MSW Landfill on Landfill Road in Yanceyville, Caswell County.

1. The facility is a closed municipal solid waste (MSW) landfill that ceased accepting waste prior to April 9, 1994 (received < 100 tons/day).
2. The landfill is comprised of four fill areas: two older MSW fill areas each ~ 2 acres, a C&D fill area that is ~ .5 acre, and a MSW fill area located between the two older ones that is ~ 8 acres. The older MSW fill areas and the C&D fill area have trees atop the landfill cap. The [newer] MSW fill area landfill cap is mowed twice a year, spring and fall. There is also a small animal burial area adjacent to the service road near the C&D fill area.
3. On the property, adjacent to the landfill area/not atop fill material, there is a temporary disaster debris staging site (TDDSS), number DS17-001.
4. Adjacent to the scale house the facility operates a convenience center for recyclables and a MSW compactor. There is a concrete pad for the collection of construction and demolition (C&D) debris. The C&D debris is loaded into a roll-off container and hauled-off site. White goods/scrap metal and scrap tires are also collected. Scrap tires are placed in a scrap tire trailer provided by Central Carolina Tire Disposal, Inc. The convenience center is for county residents.
5. Scrap tire certification forms were verified for January through June 2014.
6. White goods and scrap metal are shipped to Auto Cycle LLC in VA. White goods containing chlorofluorocarbons (CFCs) are removed by Jerry A. Hatchett, certification No. 04041968241969454M.
7. The facility operates a yard waste facility notification (YWN), number 17-001, adjacent to the scale house.
8. Prior to the scale house the facility has a fenced area where contract haulers off-load recyclables. The recyclables are loaded into roll-off containers and hauled off site.
9. The facility maintains semiannual groundwater and surface water monitoring test records conducted by S&ME, Inc. and analyzed by Pace Analytical Services, Inc. Records were verified for August 3 and December 29, 2011, August 29 and December 13, 2012, September 11 and December 11, 2013, and May 7, 2014. An exceedance is noted for each test.
10. Monthly methane monitoring is conducted by the facility. Mr. Smith stated that a landfill meter (GEM2000) is rented quarterly from Pine Environmental Services LLC and comes with directions and self-calibrates. Landfill meter rental receipts were verified.
11. The facility landfill gas monitoring plan was approved by SWS on June 18, 2014.
12. Landfill gas monitoring records were verified for 2nd quarter 2013, 3rd quarter 2013, 4th quarter 2013, 1st quarter 2014, and 2nd quarter 2014. Monitoring results do not indicate an exceedance of the LEL. Ensure quarterly testing is conducted within the designated quarter [of the year].
13. There are six landfill gas vents atop the 8 acre MSW fill area, LGV-1 through 6.
14. Mr. Smith stated that edge of waste markers will be installed by September 1, 2014. Ensure edge of waste markers are installed per the memorandum dated May 29, 2009 [copy given to facility September 29, 2011]. SWS may take action if edge of waste markers are not installed.
15. There was no indication of erosion or runoff.
16. The TDDSS area was observed during the inspection. Mr. Smith stated that there is ~ 147.38 tons of vegetative debris on site and that it will be ground and removed in the coming weeks.
17. The facility has all-weather access roads.
18. The facility is secured by a locked gate.
19. Ensure the facility permit number (73-01) is posted at the entrance.

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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
 Division of Waste Management, NCDENR

Sent on: <u>August 1, 2014</u>	X	Email		Hand delivery		US Mail	Certified No. []
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Electronic Copies: Jason Watkins, Field Operations Branch Head - SWS
 Sarah Rice, Compliance Officer – SWS
 Christine Ritter, Permitting Hydrogeologist - SWS
 Jaclynne Drummond, Compliance Hydrogeologist - SWS
 Bryan Miller, County Manager – Caswell County (bmiller@caswellcountync.gov)

Digital pictures taken July 25, 2014
 by John Patrone, DWM - SWS

MSW fill area, view across landfill cap



Landfill gas vent – representative



TDDSS – vegetative debris on site



C&D debris drop-off area

