



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: GASTON PERMIT NO.: 36-01 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: 01/08/15

Date of Last Inspection: 1/10/12

FACILITY NAME AND ADDRESS:

Cramerton Road MSW (Closed)
 413 Cramerton Road
 Cramerton, NC

GPS COORDINATES: N: 35.24438° E: -81.08851°

FACILITY CONTACT NAME AND PHONE NUMBER:

Ray Maxwell, Gaston Co. Public Works Director
 P.O. Box 1578
 Gastonia, NC 28053-1578
 (704) 922-0267 (rmaxwell@co.gaston.nc.us)

FACILITY CONTACT ADDRESS:

Marcie Smith, Solid Waste & Recycling Administrator, Gaston County
 3155 Philadelphia Church Rd.
 Dallas, NC 28034
 (704) 922-0267

PARTICIPANTS:

Bill Wagner, Environmental Senior Specialist – Solid Waste Section.

STATUS OF PERMIT:

In-active: site closed.
 Closure effective on November 28, 1995

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

RESOLVED: 15A NCAC 13B .1626(4)(b) – for the failure to implement a routine methane monitoring program.

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:

1. **SITE HISTORY and BACKGROUND:**

MSWLF Facility Permit No. 36-03	Date	Document ID No. (DIN)
Landfill Operations Begun	November 1974	N/A
Landfill Stops Receiving Waste	October 1983	N/A
Landfill Closed – Closure Letter Issued i.a.w. 15A NCAC 13B .0510 to Gaston County (Permit Holder)	December 11, 1991	N/A

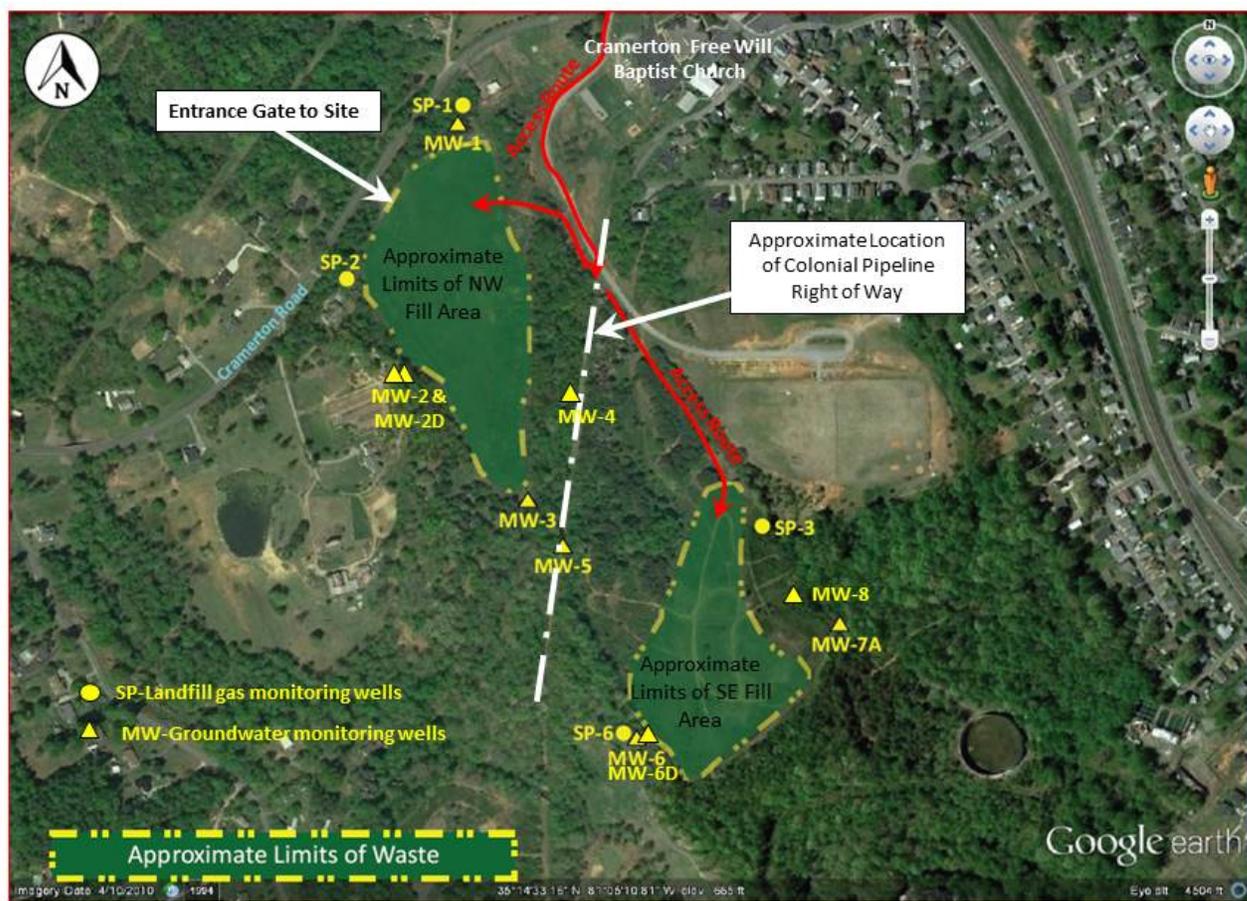


Figure 1: Cramerton Closed MSW 36-01 Monitoring Well Locations

2. Historic entrance to the site is a locked gate on Cramerton Road.
3. The best access to the site is from Cramerton Road, through the *Cramerton Free Will Baptist Church* property and via the *Colonial Pipeline Right-of-Way*. (Figure 1)
4. Water quality monitoring of ten groundwater monitoring wells (MW-1,2,2D,3,4,5,6,6D,7A, MW-8) and two surface water locations (“upstream” and “downstream”) is conducted semi-annually.
5. Results of the most recent analysis of water quality samples that were collected on May 13, 2014 were reviewed.
6. The vegetative cover on both of the landfill areas is well established and free of trees and woody vegetation. (Photos #2 - #4)

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7. Uncontrolled access to the site can be made via the adjacent Cramerton Freewill Baptist Church property (NE of the landfill) and onto the Colonial Pipeline right-of-way.



1. Looking SW along the access road on the *Cramerton Free Will Baptist Church* property towards the closed landfill.



2. PVC edge-of-waste marker (typical) on the NW fill area.



3. Looking S across the NW fill area.



4. PVC edge-of-waste marker (typical) on the SE fill area.



5. Ground water monitoring well – properly identified and secured.



6. Ground water monitoring well – properly identified and secured.

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8. A random inspection of ground water and landfill gas monitoring wells conducted. (Photos #5 and #6) All inspected wells were properly marked with IDs and with properly secured with padlocks.
9. No seeps of leachate from the landfill, or excessive erosion of the cap was observed.
10. Annual landfill gas monitoring records were reviewed. The head-spaces in five ground water monitoring wells (MW-1, 3, 5, 6, and 7A) along with four gas monitoring wells (SP-1, 2, 3, and 6) were last monitored for the possible presence of methane in September 2, 2014.
11. Landfill gas monitoring is done annually by landfill staff with a *Landtec GEM 2000* gas analyzer.
12. The level of methane (CH₄) detected in well MW-7A was 1.3% which is 26% of the lower explosive limit (LEL) for methane. **In accordance with the requirements in 15A NCAC 13B .0503(2)(a)(ii) Gaston County must ensure that “the concentration of explosive gases generated by the site shall not exceed the lower explosive limit for the gases at the property boundary.”**

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

Bill Wagner
Environmental Senior Specialist
Regional Representative

Phone: 828-296-4705

Sent on: 1/14/15		Email		Hand delivery	<input checked="" type="checkbox"/>	<u>US</u> <u>Mail</u>		Certified No. []
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ec: Deb Aja, Western District Supervisor – Solid Waste Section
Sarah Rice, Compliance Officer – Solid Waste Section
Marcie Smith, Solid Waste & Recycling Administrator, Gaston County (marcie.smith@co.gaston.nc.us)