



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

<b>UNIT TYPE:</b>											
Lined MSWLF	<b>X</b>	LCID		YW	<b>X</b>	Transfer		Compost		SLAS	<b>COUNTY: JOHNSTON</b> <b>PERMIT NO.: 5103-MSWLF-1997</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods	<b>X</b>	Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection	<b>X</b>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** April 21, 2014

**Date of Last Inspection:** February 7, 2013

**FACILITY NAME AND ADDRESS:**

Johnston County MSWLF  
 680 County Home Road  
 Smithfield, NC 27577

**GPS COORDINATES:** N: 35.51113      E: 078.4298

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Rick Proctor, Solid Waste Manager, Johnston County  
 Telephone: 919-938-4750, Cell- 919-291-9642  
 Email address: [rick.proctor@johnstonnc.com](mailto:rick.proctor@johnstonnc.com)  
 Fax: Fax- 919-989-7152

**FACILITY CONTACT ADDRESS:**

Johnston County Landfill  
 P.O. Box 2263  
 Smithfield, NC 27577

**PARTICIPANTS:**

Mary Whaley, NCDENR, Solid Waste  
 Ervin Lane, NCDENR, Solid Waste  
 Rick Proctor, Solid Waste Manager, Johnston County Landfill

**STATUS OF PERMIT:**

51-03 is a combination of facility permits 51-01 and 51-02. The permit for the MSW LF Phase 4A Cells 1, 2 and 3 expires on **September 28, 2014**.

**PURPOSE OF SITE VISIT:**

Comprehensive inspection

**STATUS OF PAST NOTED VIOLATIONS:**

NA

**OBSERVED VIOLATIONS:**

NONE

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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.

### **ADDITIONAL COMMENTS:**

1. The working face at the MSW landfill appeared to be kept small and appeared to be well compacted with no unacceptable wastes observed.
2. **Insure that all waste is covered with a minimum of 6 inches of soil.**
3. There were no major seeps on any of the side slopes. There were just a few areas that appeared to be somewhat wet. **Mr. Proctor stated that they are working on seeps on a continuous basis.**
4. **There are some bare areas on perimeter side slopes and just a few areas of slight erosion were noted that need repair.**
5. The yard waste area appears to be very well run. There was no unacceptable waste observed in the yard waste or ground material. The compost temperature logs were reviewed. There were some white painted fences and some painted pallets in the pallet area that must be removed.
6. The MSW landfill is averaging 325 tons a day. Auto fluff is sometimes used for ADC, but there was not any being brought in or being used as ADC, during this inspection.
7. The landfill gas generator is online, producing 1.6 megawatts and sending to the grid. The generator is located to the northeast side of the office.
8. The recycling area appeared to be very clean and well maintained. CFC's are being removed from the white goods by the County. Records were checked and the number of units with and without (broken lines) CFC's, were noted- Very good. **The bulk unloading of the white goods from the convenience sites should be looked into so as not to break any refrigerant lines.**
9. MSW and C&D containers are going to be located at the recycling area for smaller vehicles to unload instead of going to the working face- Very good.
10. The Edge of Liner Markers are easily visible and appeared to be being maintained.
11. The access roads and ramps appear to be in good condition.
12. The scrap tires are laced in covered trailers and are being managed properly at this time. Tire forms were reviewed. **Insure merchant numbers are included as well as the number of tires being brought in listed in Section 2 with original signatures.**
13. Waste screening forms were reviewed.
14. The leachate lines were camera checked in 2012.
15. Batteries are collected and kept on pallets at the tire area
16. The electronics are palletized and shrink wrapped in the shed behind the office. Mr. Proctor stated that approximately \$65,000 was spent by the county on recycling electronics in 2013. It is estimated that this year the cost will be around \$55,000.
17. The surface and ground water sampling is done 'in house' and given to Smith and Gardner to write the report. The sampling is done biannually and results were reviewed.
18. Methane sampling is done 'in house' and records were reviewed.
19. The use of tarps and the "Tarpomatic" system are used for alternative daily cover.
20. The hours of Operation are M-F, 8:00 am – 4:45 pm, Sat. 8:00 am – 3:30 pm, Sun. – Closed
21. The signage appears to be according to the rules.
22. The facility has a back-up generator for leachate pumping in case of power outages.
23. Digital Pictures were taken during the audit.

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

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Phone: 919-693-5023

Mary Whaley  
Environmental Senior Specialist  
*Regional Representative*

Sent on: <u>May 5, 2014</u>	X	Email		Hand delivery	US Mail	Certified No. <input type="checkbox"/>
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Copies: Dennis Shackelford, Eastern District Supervisor  
Jessica Montie, Compliance Officer



Windrowed ground yard waste



White fencing to be removed from pallet area



White goods area



Electronics palletizing area

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Slight erosion needing repair

