



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

<b>UNIT TYPE:</b>											
Lined MSWLF	<input checked="" type="checkbox"/>	LCID		YW	<input checked="" type="checkbox"/>	Transfer		Compost	<input checked="" type="checkbox"/>	SLAS	<b>COUNTY: Macon</b> <b>PERMIT NO.: 57-03</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods	<input checked="" type="checkbox"/>	Incineration		T&P	<input checked="" type="checkbox"/>	FIRM	
CDFL		Tire T&P / Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection: April 9, 2013      Date of Last Inspection: April 24, 2012**

**FACILITY NAME AND ADDRESS:**  
 Macon County Municipal Solid Waste Facility  
 1448 Lakeside Drive  
 Franklin, NC 28724

**GPS COORDINATES:** N: 35.2009 E: -83.37684

**FACILITY CONTACT NAME AND PHONE NUMBER:**  
 Name: Chris Stahl, Macon County Solid Waste Director  
 Telephone: (828) 349-2100  
 Email address: cstahl@mail.maconnc.org  
 Fax: (828) 349-2185

**FACILITY CONTACT ADDRESS:**  
 109 Sierra Drive  
 Franklin, NC 28734

**PARTICIPANTS:**  
 Chris Stahl, Macon County Solid Waste Dept.  
 Troy Harrison, NC DENR/DWM/Solid Waste Section

**STATUS OF PERMIT:**

Original Permit to Operate:	January 31, 1991
Permit Renewal:	February 8, 1999
Permit Amendment	March 7, 2000
Permit Amendment	July 20, 2005
Permit Modification	October 26, 2006
Permit Modification	July 12, 2007
Permit Modification	October 12, 2009
Permit Amendment	July 27, 2010
Permit Modification	October 25, 2012
<b>Date to request renewal</b>	<b>January 27, 2015</b>
<b>Expiration Date</b>	<b>July 27, 2015</b>

**PURPOSE OF SITE VISIT:**  
 Comprehensive Audit of MSW Landfill

**STATUS OF PAST NOTED VIOLATIONS:**  
 N/A

**OBSERVED VIOLATIONS**  
 N/A

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**ADDITIONAL COMMENTS**

**General**

1. All photos were taken by Troy Harrison on April 9, 2013.
2. The facility consisted of an MSW landfill, tire collection site, white goods collection and processing facility, a metals collection site, a treatment and processing facility, a drop-off convenience area for selected recyclables, and a non-active composting facility.
3. The service area for the facility was Macon County.
4. A copy of the current permit (57-03) and the operations plan (revised 8/12) was available at the Macon County Solid Waste Department Office located at 109 Sierra Drive adjacent to the landfill. Operational records for the facility are maintained at the Macon County Solid Waste Office.
5. A Review of training records include, but not limited to the following SWANA certifications for all facility areas of operation:

<b>Name</b>	<b>Certification</b>	<b>Expiration Date</b>
Michael (Chris) Stahl	MOLO	5/25/16
Tommy Keener	MOLO	4/5/16
	LOS	12/13/15
	TSO	3/12/16
Nick Fowler	LOS	6/3/14
Wesley Peek	LOS	3/27/16
Sammy Hedden	LOS	10/8/14
	TSO	9/9/14
Donnie Holden	TSO	10/28/15
Brian Tallent	TSO	3/29/15
Tracy Sellino	TSO	8/14/15
David Ledbetter	TSO	4/27/13

MOLO – Manager of Landfill Operations  
LOS – Landfill Operations Specialist  
TSO – Transfer Station Operator

6. Methane detection forms were correctly filled out as a percentage of the LEL. The most recent Monitoring was done on 3/28/13. Monitoring is done on a quarterly basis. Monitoring for methane is also done in facility structures.
7. Waste screening forms were reviewed and appeared to be filled out correctly. The forms also report how the items were disposed or recycled.
8. The facility samples groundwater, surface water and leachate on a semi-annual basis. The most current reports available were of the sampling done on October 17, 2012. Each groundwater monitoring well was observed in good condition.
9. Leachate is pumped to a collection pond for pretreatment before being sent to the Town of Franklin Wastewater Treatment Plant located next to the facility. The pond appeared to be in good condition. The leachate collection pipes were last inspected with a camera on 5/29/12.

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Leachate Collection Pond

10. No open burning was observed at the facility.
11. The facility had a written contingency plan for handling hazardous waste, meth lab waste or a fire event should they occur.
12. All public roads were well maintained. Traffic signs were in place to direct the public to appropriate areas of the facility. A sign was placed at the entrance to the facility which stated the hours/days of operation, “No liquid or hazardous waste” and the Solid Waste Permit Number.

**MSW Landfill Unit**

**Phase 1**

13. Phase 1 has well established grass cover but not the final cap. No significant erosion was observed. A “corrective action plan (CAP)” was implemented in 2011 to address groundwater issues.

**Phase 2**

14. The MSW landfill was operating in Phase 2(active since 1998).
15. The facility is permitted to use a mixture of 50% soil and 50% mulch as an alternate daily cover (ADC). This activity is noted in the operations plan (Section 4.2). Mulch and soil is mixed before application. The facility also uses a fabric tarp as an alternate daily cover as approved in the permit.
16. The working face area was observed being confined to a small area. There was no banned material observed with the exception of incidental amounts. **The daily cover area was well maintained and appeared to have adequate cover.**



Working Face

17. The intermediate cover was in excellent condition and seeded with little to no erosion. Very little windblown debris was observed.

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Looking South at Phase 2 Intermediate Cover & hydro-seeding activity

### **MSW Treatment and Processing Facility**

18. The MSW Treatment and Processing (T & P) Facility is located in a covered building and was observed in operation. This facility is permitted to receive all waste allowed for disposal in the MSW Landfill and is used by the general public. Waste is placed on the floor and recyclables are removed by Staff. Material that cannot be recycled is loaded into a semi-trailer and transported to the MSW Landfill. The area was very clean and well staffed. There are drains in the floor to catch any incidental liquids (leachate) and connects to the Franklin wastewater treatment plant.



T&P Facility

19. Separate areas are designated for clean wood, TVs, computers, aluminum, glass, plastics, cardboard and scrap metal inside the building. There was also an area for collection of Universal Wastes – Mercury Containing Lamps and Devices. This activity was approved in the most recent permit modification. The recycling areas were well maintained.
20. Used propane tanks and other gas tanks (not gasoline) are stored outside the T & P building.

### **Scrap Tire Collection Area**

21. There were 2 trailers on site. Two trailers were empty and the third one was about approximately 1/10 full. Tires were being loaded into a trailer at the time of the audit. All tires not intended for use by the facility were in the trailers.

### **Wood Grinding Treatment and Processing Facility**

22. This area is used to generate mulch for the alternate daily cover. Material was in a pile waiting for grinding consisted primarily of land clearing debris, yard trash and pallets. This material is not available to the public.

### **Recycling**

23. A recycling operation is part of the approved operations plan.

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- 24. Macon County accepts materials to recycle that are dropped off at the facility and from collections sites located throughout the county. Recycled materials are baled and sent to appropriate recycling companies. The area was well maintained.
- 25. There were separate areas for metals, aluminum, steel cans, clothes, cardboard, paper and plastics. Glass was being separated into brown, clear and green.
- 26. The White Goods Area is located in the recycling area. Freon is removed by the facility.
- 27. An area to collect used motor oil and filters, cooking oil, anti-freeze and batteries were observed in good condition



Used Motor Oil Collection Area

**Type 3 Composting Facility**

- 28. This area is currently not in use with no plans to operate at this time. A Notification to the Solid Waste Section is required before reactivation.

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

*Trey Harrison*

Phone: (828) 296-4701

Environmental Senior Specialist  
**Regional Representative**

Sent on: April 26, 2013	X	Email		Hand delivery		US Mail	Certified No. <input type="checkbox"/>
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Copies: Jason Watkins, Western District Supervisor  
 Jessica Montie, Compliance Officer