



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF	X	LCID		YW	X	Transfer		Compost	X	SLAS	COUNTY: Macon PERMIT NO.: 57-03 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incineration		T&P	X	FIRM	
CDFL		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: August 13, 2014 Date of Last Inspection: April 9, 2013

FACILITY NAME AND ADDRESS:

Macon County Municipal Solid Waste Facility
 1448 Lakeside Drive
 Franklin, NC 28724

GPS COORDINATES: N: 35.2009 W: 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

FACILITY CONTACT ADDRESS:

109 Sierra Drive
 Franklin, NC 28734

PARTICIPANTS:

Chris Stahl, Macon County Solid Waste Dept.
 Troy Harrison, Environmental Senior Specialist

STATUS OF PERMIT:

Active
 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
Date to request renewal January 27, 2015
Expiration Date July 27, 2015

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

N/A

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OBSERVED VIOLATIONS

N/A

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.

ADDITIONAL COMMENTS

1. All photos were taken by Troy Harrison on August 13, 2014.
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:

Name	Certification	Expiration Date
Michael (Chris) Stahl	MOLO	5/25/16
Tommy Keener	MOLO	4/5/16
	LOS	12/13/15
	TSO	3/12/16
Nick Fowler	LOS	6/3/17
	TSO	3/6/17
Wesley Peek	LOS	3/27/16
	TSO	2/9/16
Sammy Hedden	LOS	10/8/17
	TSO	9/9/17
Donnie Holden	TSO	10/28/18
	LOS	6/21/16
Tracy Sellino	TSO	8/14/15
David Ledbetter	TSO	4/27/16
Patrick Rathbone	TSO	4/16/16

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. 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

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reports available were of the sampling done in April, 2014. Each groundwater monitoring well observed was in good condition with good access.



Groundwater Monitoring wells

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 was observed and appeared to be in good condition.
10. No open burning was observed at the facility.
11. 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

12. 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 1

Phase 2

13. The MSW landfill was operating in Phase 2 (active since 1998).
14. 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.
15. 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.

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Working Face

16. The intermediate cover was in excellent condition and seeded with little to no erosion. There was a fence surrounding the landfill and no windblown debris was observed outside of the landfill. **There was a small amount of windblown debris was observed inside the landfill that will need to be picked up.**

MSW Treatment and Processing Facility

17. 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. There are drains in the floor to catch any incidental liquids (leachate) and connects to the Franklin wastewater treatment plant.



MSW Treatment & Processing Facility

18. 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.
19. Used propane tanks and other gas tanks (not gasoline) are stored outside the T & P building.

Scrap Tire Collection Area

20. There were two trailers on site and all tires not intended for use by the facility were in the trailers.

Wood Grinding Treatment and Processing Facility

21. 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.

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Recycling

- 22. A recycling facility is part of the approved operations plan.
- 23. 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.
- 24. There were separate areas for metals, aluminum, steel cans, clothes, cardboard, paper and plastics. Glass was being separated into brown, clear and green.
- 25. The White Goods Area is located in the recycling area and Freon is removed by the facility.
- 26. An area to collect used motor oil and filters, cooking oil, anti-freeze and batteries were observed in good condition



Used Motor Oil/anti-freeze Collection Area

Type 3 Composting Facility

27. 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.

Phone: (828) 296-4701

Environmental Senior Specialist
Regional Representative

Sent on: August 20, 2014	X	Email		Hand delivery	US Mail	Certified No. []
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Copies: Jason Watkins, Field Operations Branch Head
Sarah Rice, Compliance Officer