



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF	LCID	YW	Transfer	<input checked="" type="checkbox"/>	Compost	SLAS	COUNTY: Lee PERMIT NO.: 53-04T FILE TYPE: Compliance
Closed MSWLF	HHW	White goods	Incineration		T&P	FIRM	
CDFL	Tire T&P / Collection	Tire Monofill	Industrial Landfill		DEMO	SDTF	

Date of Audit: January 27 & 28, 2011Date of Last Audit: June 11, 2010**FACILITY NAME AND ADDRESS:**

WMX / Lee County Transfer Station
 2720 Wilkins Drive
 Sanford, North Carolina 27330

G.P.S. COORDINATES: N: 35.504365 E: -79.202773**FACILITY CONTACT NAME AND PHONE NUMBER:**

Kathy MacNish, District Manager, Waste Management – Sanford, Inc.
 (919) 777-5057

FACILITY CONTACT ADDRESS:

(same as above)

AUDIT PARTICIPANTS:

David Aspinwall, Waste Management – Sanford, Inc.
 Edward Garner, First Tee Transport, Inc.
 Frankie Durham, Waste Management – Sanford, Inc.
 Kathy MacNish, Waste Management – Sanford, Inc.
 Darlene Baker, Waste Management – Sanford, Inc.
 Robert Hearn, Solid Waste Section

STATUS OF PERMIT:

Original Permit to Operate issued: August 8, 1993
 Amendment #1 P.T.O.: July 7, 1999
 Amendment #2 P.T.O.: February 17, 2000
 Amendment #3 P.T.O.: December 7, 2004
 Amendment #3 P.T.O.: December 10, 2004
 Amendment #5 P.T.O.: August 17, 2009

PURPOSE OF AUDIT:

Comprehensive audit

NOTICE OF VIOLATION:

(none)

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you 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.

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STATUS OF PAST NOTED VIOLATIONS:

(none)

AREAS OF CONCERN AND COMMENTS:

1. This solid waste transfer facility is owned and operated by Waste Management of the Carolinas, Inc. The facility is permitted to receive municipal solid waste generated in a service area that includes Anson, Chatham, Cumberland, Harnett, Johnston, Lee, Moore, Richmond, Sampson, Scotland, and Wake Counties, N.C. The facility receives an average of just less than 200 tons per day, according to the Facility Annual Report submitted for the period of July 1, 2009 to June 30, 2010. The waste is approved to be disposed at the Sampson County Disposal Landfill (Permit No. 82-02) in Sampson County, N.C., or the Republic Services of N.C., LLC / Uwharrie Environmental, Inc. Regional Landfill (Permit No. 62-04) in Montgomery County, N.C. The current contract waste hauler for this facility is First Tee Transport, Inc. The facility is open from 8:00 a.m. until 4:30 p.m., Monday through Friday.
2. Conducted late-day inspection of the facility, accompanied by Mr. Aspinwall, and discussed facility operations and maintenance concerns with Mr. Aspinwall and Ms. Durham. Returned the following day to complete review of facility operational records and review aspects of the facility operations with Ms. MacNish.
3. Observed that liquid leachate was dripping from the rear door of a loaded, waste-hauling semi-trailer onto the ground at the site. This trailer was parked in a gravel-covered area along the north fence line of the site, an area where both empty and filled trailers are commonly staged until being utilized within or transported from the facility. It appeared to have recently been placed in the area, covered and ready for transport, with no visible evidence of staining of the ground surface and/or runoff. The ground surface in this area is permeable soil, partially covered by gravel, and with a minor amount of vegetation in the area adjacent to the fence row. Liquid runoff in this area does not appear to drain to or otherwise be collected and diverted to the sanitary sewer system that handles wastewater at this facility.

15A N.C. Admin. Code 13B .0105(c) states: *“Vehicles or containers used for the collection and transportation by whatever means, including but not limited to, highway, rail, and navigable waterway, of garbage, or refuse containing garbage, shall be covered, leakproof, durable, and of easily cleanable construction.”*

Permit No. 53-04T, Attachment 3, Part 1, Operating Condition No. 7(c) states in part: *Waste may be stored on site, in leak proof transfer trailers, with watertight covers, a maximum of 24 hours . . .”*

15A N.C. Admin. Code 13B .0402(3) states: *“Water that comes into contact with solid waste will be contained on site or properly treated prior to discharge from the site. An NPDES permit may be required prior to discharge to surface waters.”*

Permit No. 53-04T, Attachment 3, Part 1, Operating Condition No. 8 states in part: *“All water that comes in contact with solid waste, including vehicle wash-down water, is leachate and must be captured and properly treated before release to the environment.”*

In order to maintain compliance with the above rules and permit conditions, within 30 days of receipt of this report, the facility shall develop and implement (at the minimum) an inspection and maintenance plan for all trucks, trailers, and/or other waste hauling and storage containers at this facility. A copy of this plan should be maintained as part of the operating record and made available upon request by Section staff.

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4. The tipping floor was undergoing final cleanup at the time of inspection. A buildup of small pieces of trash and dirt were observed near the corners of the tipping floor against the push walls. The tipping floor and trailer bay floor should be cleaned at the end of each day's operations so as to remove all waste, including any such buildup of waste residue, so as to maintain the floor in a clean and sanitary condition, to prevent the buildup of dirt and grime on floors, and to control vectors. Discussed the need for thorough cleanup of the tipping and trailer-bay floors with Mr. Aspinwall and Mr. Garner.
5. It was observed that pieces of solid waste exist behind the protective steel plates installed above the concrete push walls on the tipping floor and in the trailer bay. Removal of this waste is difficult or impossible because the spaces holding the waste cannot be accessed. In the trailer bay, the cap is missing from one section of protective plate such that the void behind the plate has filled with waste. Ms. MacNish explained that these steel plates and caps are scheduled for replacement in the near future, and that measures will be taken at that time to correct this situation and prevent conditions that allow accumulation of waste in inaccessible voids.
6. The upper-level drain on the concrete pad outside the tipping floor was observed to be functional and clear of trash and debris at the time of inspection. It was observed that the old upper-level drain, located at the outside edge of the tipping floor and now covered by steel plates, was holding black run-off liquid from the tipping floor. It was explained by Mr. Aspinwall that this drain was sealed off following installation of the upper-level drain outside the building, and no longer drains by gravity to the sewer system as per the original design; he confirmed that the runoff liquid stays in place and does not drain away. The continuous presence of this trapped, leachate-type runoff the old floor drain raises concerns about leachate management and sanitary maintenance of the tipping floor. Investigate this situation and take actions as necessary to maintain the facility in compliance with 15A N.C. Admin. Code 13B .0402 Operational Requirements, and Permit No. 53-04T, Attachment 3, Part 1, Operating Condition No. 8.
7. The cleanup of the trailer bay had not commenced at the time of inspection on 1/27/11. Some buildup of trash and grime was apparent in the corners where the walls and curbs meet the floor. Regularly clean trailer bay floor and curbs areas so as to prevent buildup of trash and grime in the corners. Although not clear of debris at the time of inspection, the lower-level, trailer-bay drain was observed to be functional.
8. A black, grimy buildup was observed on the walls of the facility in the main building and trailer bay areas. Consider utilizing a power washer to periodically cleanse the walls so as to help maintain the facility in a sanitary condition, as required by 15A N.C. Admin. Code 13B .0402(6).
9. A minor amount of waste was observed in the facility yard, along the fence line. Much of this waste was observed to be held within brushy vegetative growth adjacent to the fence and is therefore difficult to access during routine cleanup activities. Also, some wind-blown waste was observed beyond the facility fence. Regular mowing and other vegetative maintenance of these areas will allow staff to more easily collect and remove this waste on a daily basis, in addition to waste that lies outside the fence, as required by 15A N.C. Admin. Code 13B .0402 (7) and Operating Condition No. 7(e)(ii) of Permit No. 53-04T, Attachment 3, Part 1.
10. Observed that a covered waste container is located on site to contain prohibited wastes, such as tires, that are unknowingly received at the facility.
11. Observed that equipment for fire control was in place at the facility. Fire extinguishers are present in the transfer building and on the front-loader, and inspection tags were observed to be up-to-date. Also, a water bib and hose are located adjacent to the facility.
12. Dust and odors were not observed to be a problem at the time of inspection.

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13. Erosion was not observed to be a problem at the facility. The facility yard has a good stand of vegetative cover. The facility service yard and road are in good condition with the exception of a small area east of the trailer bay entrance where puddled run-off water was observed. Re-grading of this area is recommended to ensure proper drainage.
14. Observed that signage with required information is in place at the facility.
15. Access to the facility is controlled by a gate that is closed and locked after operating hours.
16. Reviewed facility operating records at the on-site scale house and the adjacent Waste Management office. The facility permit, the approved facility operations plan, site plans, and inspection records were available for inspection. Amounts-by-weight of waste received at the facility are maintained at the scale house.
17. Reviewed random-waste-inspection records and load-rejection forms. Random inspections are conducted on a minimum of one vehicle per day.
18. Reviewed the landfill contingency plan contained in the approved Operation Plan. A copy of the contingency plan should be maintained separate from the Operation Plan and posted for quick and easy access by facility staff.
19. Facility staff training records were inspected and found to be up-to-date. Staff certified as Transfer Station Operations Specialists and dates of expiration of certification are as follows: Frankie Durham, expires 8/31/13; Alexander Hurtado, expires 10/19/13; Kathy MacNish, expires 1/1/12; Chris Davis (First Tee Transport, Inc.), expires 4/5/11; Billy Ellington (First Tee Transport, Inc.), expires 4/4/12; Edward Garner (First Tee Transport, Inc.), expires 6/7/13.

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



Robert Hearn

Environmental Senior Specialist
Regional Representative

Phone: (919) 508-8525

cc: Mark Poindexter, Field Operations Branch Head
Jason Watkins, Central District Supervisor
Shawn McKee, Compliance Officer

Delivered on: 2/9/11 by		Hand delivery	<input checked="" type="checkbox"/>	US Mail		Certified No.
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