



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer	<input checked="" type="checkbox"/>	Compost		SLAS		COUNTY: Wake PERMIT NO.: 9215T-TRANSFER-1994 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: July 10, 2013 **Date of Last Inspection:** February 27, 2013

FACILITY NAME AND ADDRESS:

Waste Management Raleigh-Durham Transfer Station
 10411 Globe Road
 Morrisville, NC 27560

GPS COORDINATES: N: 35.89289 E: -78.80482

FACILITY CONTACT NAME AND PHONE NUMBER:

James Woodard, Waste Management-District Manager
 919-405-1497(office), 919-815-0149(mobile), jwoodard@wm.com

Tim Chappell, Waste Management – Route Manager
 tchappell@wm.com

FACILITY CONTACT ADDRESS:

Waste Management of the Carolinas, Inc.
 10411 Globe Road
 Morrisville, NC 27560

PARTICIPANTS:

Shawn McKee, NCDENR-Solid Waste Section
 Dennis Shackelford, NCDENR-Solid Waste Section
 Tim Chappell, Waste Management – Route Manager
 Sam Mufaro, CEI

STATUS OF PERMIT:

PTC: January 18, 1994
 PTO: August 29, 1994
 PTO-Amendment: August 9, 1995
 PTO-Amendment: November 13, 1996
 PTO-Amendment: September 16, 2005
 PTO-Modification Letter: December 12, 2008
 PTO-Amendment: October 21, 2010
Permit Expires: October 21, 2015

PURPOSE OF SITE VISIT:

Complaint Investigation. Partial Inspection.

STATUS OF PAST NOTED VIOLATIONS:

None.

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
 Phone: 919-707-8200 \ Internet: <http://portal.ncdenr.org/web/wm/>

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OBSERVED VIOLATIONS:

15A NCAC 13B .0203 (d) "By receiving solid waste at a permitted facility, the permittee(s) shall be considered to have accepted the conditions of the permit and shall comply with the conditions of the permit"

Conditions of Permit to Operate - Permit Condition #11a. "The tipping floor and transfer trailer loading area must be maintained in a clean, sanitary condition at all times in accordance with the approved Operation Plan."

Buildup of debris was observed on the tipping floor and in the loading bay.

15A NCAC 13B .0402(6) "Equipment shall be provided in the storage and charging areas and elsewhere as needed or as may be required in order to maintain the facility in a sanitary condition;"

Equipment must be provided to maintain the facility in a sanitary condition.

Conditions of Permit to Operate - Permit Condition #5 "A responsible individual trained in facility operations must be on-site during all times during operating hours of the facility, in accordance with NCGS 130A-309.25. An attendant must be present to oversee the loading and unloading of waste."

Waste was received at the facility prior to the arrival of a Certified Transfer Station Operator.

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

This facility is a solid waste transfer facility that is permitted to receive solid waste as defined in NCGS 130A-290 (a)(35). The facility is permitted to receive municipal solid waste generated within Alamance, Chatham, Durham, Franklin, Granville, Johnston, Orange, Vance, Wake, and Wayne Counties. Waste transferred for disposal must go to the Sampson County Landfill located in Roseboro, Permit Number 82-02. The facility operates from 3:00am to 7:00pm Monday through Saturday.

1. The following must not be accepted at this facility: hazardous waste, yard trash, liquid wastes, regulated medical waste, sharps not properly packaged, regulated-asbestos containing material. Wastes banned from landfill disposal in North Carolina by NCGS 130A-309.10 (f) and by 15A NCAC 13 .0543(e) must not be transferred for landfill disposal.
2. Signs stating the required emergency information, facility name, permit number, and other required information are installed at the facility entrance gate and adjacent to the facility scale.
3. The facility currently receives between 80 and 100 tons of waste per day.
4. Waste trailers are delivered to the disposal facility by Custom Ecology Inc. (CEI). CEI handles all trailer movement at the facility.
5. On May 29, 2013, the Solid Waste Section received a complaint the facility was accepting waste without a Certified Transfer Station Operator onsite and that the leachate collection system for the facility is not functioning as designed. The complainant further stated that leachate in the transfer bay was creating unsanitary conditions. The complainant was concerned about risk to human health and the environment.

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6. At 5:00am, July 10, 2013, Shawn McKee and Dennis Shackelford, NCDENR, Division of Waste Management, Solid Waste Section, arrived at the facility. Waste was visible on the tipping floor. According to Tim Chappell, the waste had been received at approximately 3:30am. Mr. Chappell stated that he was at the facility at 2:00am, but that he is not currently a Certified Transfer Station Operator. Sam Mufaro, who has current Certified Transfer Station Operator training, stated that he arrived onsite around 5:00am.

Conditions of Permit to Operate - Permit Condition #5 "A responsible individual trained in facility operations must be on-site during all times during operating hours of the facility, in accordance with NCGS 130A-309.25. An attendant must be present to oversee the loading and unloading of waste."

Although CEI and Waste Management have other certified operators that can be called in for backup, it is recommended that more than one person at the facility have the required certification. According to North Carolina General Statute § 130A-309.25, only a certified individual can perform the duties of a solid waste management facility operator.

7. The Certified Transfer Station Operators are:
 - Sam Mufaro - TS-2011010, expires February 9, 2014
 - Chris Davis - TS-2001038, expires July 20, 2014 (backup)
 - James R. Woodard - expired July 14, 2012
8. *Per 15A NCAC 13B .0402(6) "Equipment shall be provided in the storage and charging areas and elsewhere as needed or as may be required in order to maintain the facility in a sanitary condition;" and Conditions of Permit to Operate - Permit Condition #11a. "The tipping floor and transfer trailer loading area must be maintained in a clean, sanitary condition at all times in accordance with the approved Operation Plan." The tipping floor and loading bay both had debris build-up which should be removed, at a minimum, at the close of each operating day. I would recommend pressure washing the facility on a weekly basis or as needed, depending on the waste streams and other factors that would affect the cleanliness of the facility.*
9. The facility has a leachate collection system for the transfer station with drains into a 3000-gallon above ground tank. The liquid is hauled as needed by a contractor. At the time of the inspection, the tank had been overfilled and had overflowed from the top and into the secondary containment. The leachate in the secondary containment was approximately six inches deep. No leachate appeared to have leaked out of the secondary containment. Mr. Chappell stated that the tank had been pumped during the last week of June by Separator Solutions and that arrangements would be made to get the tank pumped again as soon as possible. **The leachate system must be maintained and operated as designed.**



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10. Sumps and drains in the loading bay had a significant amount of leachate. Sumps and drains in the loading bay must be kept free of excess waste and debris to ensure good flow of leachate into the holding tank. The grating for the sump in the loading bay had not been replaced at the time of the inspection. Replacing the repaired grate over the sump should reduce the quantity of waste falling into the sump.



11. Continue to remind staff to clean the area behind the push wall on a routine basis. The area adjacent to the door was being properly maintained but the less accessible area behind the wall also needs excess debris removed on a routine basis.



Photo taken February 27, 2013



Photo taken July 10, 2013

12. The entrance to the facility and the area entering the transfer trailer loading area was littered and needs to be cleaned up on a daily basis.

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13. Corrective actions need to be underway.

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



Shawn McKee
Environmental Senior Specialist
Regional Representative

Phone: 919-707-8284

Sent on: July 17, 2013		Email:		Hand Delivery		US Mail		Certified No. [7010 3090 <u>0001 4226 0195</u>]
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cc: Dennis Shackelford, Eastern District Supervisor – Solid Waste Section
Ellen Lorscheider, Programs and Planning Branch Head – Solid Waste Section
Jessica Montie, Compliance Officer – Solid Waste Section