



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Table with columns for Unit Type (Lined MSWLF, Closed MSWLF, CDLF, LCID, HHW, Tire T&P/Collection, YW, White goods, Tire Monofill, Transfer, Incin, Industrial Landfill, Compost, DEMO, SLAS, FIRM, SDTF) and a summary box for County (WAKE), Permit No. (9227T-TRANSFER-2012), and File Type (COMPLIANCE).

Date of Site Inspection: April 28, 2016 Date of Last Inspection: January 21, 2015

FACILITY NAME AND ADDRESS:

Raleigh Transfer Station
5565 Thornton Road
Raleigh, North Carolina 27616

GPS COORDINATES: N: 35.8991 E: -78.54467

FACILITY CONTACT NAME AND PHONE NUMBER:

Joseph Dehner, Jr., 919-433-0914, jdehner@republicservices.com
Beth Michael, 919-669-3695, emichael@republicservices.com
Matt Einsmann, 919-354-3227, meinsmann@republicservices.com

FACILITY CONTACT ADDRESS:

LANDOWNER

David W. King, Jr., Registered Agent
225 Weathers Street
Youngsville, NC 27596

OPERATOR

Republic Services of North Carolina, LLC
5111 Chin Page Road
Durham, NC 27703

PARTICIPANTS:

Liz Patterson, NCDEQ-Solid Waste Section
Joseph Hardin, Republic Services

STATUS OF PERMIT:

PTC-Original issue: February 12, 2001
PTO-Original issue: March 5, 2001
PTC-Modification (sorting area added): May 19, 2003
PTO-Amendment (5-yr renewal): September 16, 2005
PTC/PTO (name/owner change) September 4, 2008
PTC/PTO (reissuance, extension for PTC): February 26, 2010
PTO - Change in Operator: September 24, 2012
PTO - Modification: September 10, 2013
PTO - Amendment (10-yr renewal): July 14, 2014

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

None

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 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**

This facility is a solid waste transfer facility that is permitted to receive municipal solid waste, construction and demolition waste, inert debris, land-clearing debris, and asphalt. The following must not be accepted at this facility: hazardous waste, yard trash, liquid wastes, regulated medical waste, sharps not properly packaged, PCB waste, regulated-asbestos containing material, and wastes banned from disposal in North Carolina which also includes white goods, whole scrap tires, lead-acid batteries, computer equipment, and televisions.

1. The facility is operated by Republic Services of North Carolina, LLC with a subcontractor to operate transfer trailers and perform all transfer trailer loading.
2. A sign was posted at the facility entrance which listed all required information. The operating hours are 6:30am-4:00pm; Monday through Friday. A fence is installed along the perimeter of the facility to secure it during non-operating hours. The fence also limits offsite migration of windblown materials.
3. The permit and operations plan were reviewed during the inspection. The permit is for a dual use MSW and C&D transfer station. The Permit to Operate shall expire September 5, 2024. A limited review shall be conducted by the SWS by September 5, 2019. A request for permit review must be submitted by March 5, 2024.
4. This facility is permitted to receive solid waste generated within Wake, Johnston, Durham, Granville, Franklin, Nash, Harnett, Chatham, Lee and Orange counties. Outgoing MSW is transferred to either Upper Piedmont Regional Landfill in Roxboro, NC (73-04) or another facility listed in the permit. Outgoing C&D waste is being disposed of at Shotwell C&D landfill (96-26) or another facility listed in the permit. It is the transfer station's responsibility to ensure that waste delivered to a final disposal facility originates from a county that is allowed by the disposal facility's permit.
5. The Certified Transfer Station Operations Specialists are as follows:  
Elizabeth Michael, TS-2012055, expires 6/22/2018  
Joseph Hardin, TS-2012109, expires 11/29/2018
6. Monthly training meetings are conducted to educate personnel on safety topics.
7. The waste screening records were reviewed during this inspection for the period between August 13, 2015 and April 26, 2016. The facility completes a minimum of 2 waste inspections per week. Inspections are conducted on both MSW and C&D waste streams and the waste type is indicated in the records.
8. Tonnage records were reviewed and are in order. The facility is currently accepting approximately 126 tons of C&D per day and 161 tons of MSW per day.
9. The facility segregates some materials for recycling. The facility is permitted to segregate the following materials for recycling: clean wood, pallets, cardboard, unpainted brick and block, concrete, metal, electronics, asphalt shingles, and curbside recyclables. The following are currently collected for recycling: metal and cardboard.
10. Lead-acid batteries are removed from the waste stream and stored in a secure container until they are properly recycled. Tires, which also banned from MSW and C&D landfills in North Carolina, are removed and properly disposed of when they are observed on the tipping floor.

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- 11. Wastes banned from landfill disposal in North Carolina by NCGS 130A-309.10 (f) and by 15A NCAC 13 .0542(e) must not be transferred for landfill disposal. In addition to batteries and tires, these items include used oil and filters, yard trash, white goods, antifreeze, aluminum cans, plastic bottles, wooden pallets, oyster shells, computer equipment, and televisions. Mercury containing fluorescent lights and thermostats are banned from unlined landfills (which currently includes all C&D landfills in Wake County).
- 12. Leachate within the building is collected via floor drains both on the tipping floor and the trailer loading area. The drains lead to an oil/water separator and then to a connection to the City of Raleigh sanitary sewer system. The leachate system appeared to be functioning as designed at the time of the inspection.
- 13. A waterline has been run to the facility to improve and facilitate cleaning of the transfer station and tipping floor.
- 14. Radiation detectors have been installed at the facility to screen all incoming loads. The receiving landfills also have radiation detectors installed. Facility staff have received radiation training.
- 15. Fire extinguishers are located at marked locations on the side pillars of the building and one more in the loarea. All extinguishers appeared to be fully charged and properly maintained
- 16. Operations in the building were neat with the C&D waste clearly separated from the MSW waste. The walls of the transfer station were free of debris. The walls are cleaned on a routine basis.
- 17. No windblown waste was observed outside the building during this inspection. Windblown materials must be collected by the end of the day and no windblown material may be allowed to leave the facility boundary. Facility staff routinely collects any litter on the access road as a gesture of goodwill to the neighbors.
- 18. Digital pictures were taken during the inspection.

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

Phone: 919-707-8286(O) 919-805-6499(C)

[elizabeth.patterson@ncdenr.gov](mailto:elizabeth.patterson@ncdenr.gov)

Liz Patterson  
Environmental Senior Specialist  
***Regional Representative***

Sent on: 5-16-2016	X	Email		Hand delivery		US Mail	Certified No. [ ]
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Copies: Drew Hammonds, Eastern District Supervisor - Solid Waste Section  
Jessica Montie, Compliance Officer – Solid Waste Section

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Digital pictures taken by Liz Patterson on April 28, 2016



C&D waste on tipping floor



MSW waste on tipping floor



Transfer trailer loading bay



Transfer trailer staging area