



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.: 9227T-TRANSFER-2012 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: January 21, 2015

Date of Last Inspection: February 18, 2014

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:

Rick Prather, 919-433-0901, rprather@republicservices.com
 Beth Michael, 919-669-3695, emichael@republicservices.com
 Matt Einsmann, 919-354-3227, MEinsmann@republicservices.com

FACILITY CONTACT ADDRESS:

LANDOWNER

Dynasty Holdings, LLC
 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:

Shawn McKee, NCDENR-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

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OBSERVED VIOLATIONS

None

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 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 6/22/2015
 - Freddie Rodriguez, TS-2012060, expires 6/22/2015
 - Rick Prather, TS-2012058, expires 6/22/2015
 - Joseph Hardin, TS-2012109, expires 11/29/2015
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 September 4, 2014 and January 20, 2015. 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. I would encourage randomizing both the day and time of the inspections. At a minimum, 1% by weight, of loads should be inspected.

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8. Tonnage records were reviewed and are in order. The facility is currently accepting approximately 80 tons of C&D per day and 150-170 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.



Containers to collect 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.
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 but we offsite for maintenance at the time of the inspection. 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 loading area. All extinguishers appeared to be fully charged and properly maintained.

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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 blowing litter 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.

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

Phone: 919-707-8284

Shawn McKee
 Environmental Senior Specialist
Regional Representative

Sent on: January 30, 2015		Email: X	Hand delivery	US Mail	Certified No. []
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Copies: Dennis Shackelford, Eastern District Supervisor – Solid Waste Section
 Jessica Montie, Compliance Officer – Solid Waste Section