



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.: 92-27T 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: April 4, 2013

Date of Last Inspection: January 18, 2012

FACILITY NAME AND ADDRESS:

Thornton Road Mixed Waste Transfer and Recycling Center
 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

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
 Rick Prather, Republic Services
 Beth Michael, Republic Services
 Miguel Hernandez, 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 - expires September 5, 2014

PURPOSE OF SITE VISIT:

Comprehensive Audit

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 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. 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 and regulated-asbestos containing material. 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.
2. The facility is operated by Republic Services of North Carolina, LLC with Puryear subcontracted to operate transfer trailers and perform all transfer trailer loading.
3. An updated 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.
4. 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, 2014. A request for a renewal should be submitted to the SWS prior to May 5, 2014.
5. This facility is permitted to receive solid waste generated within Wake, Johnston, Durham, Granville, Franklin, Nash, Harnett, and Chatham counties. Outgoing MSW is transferred to either Upper Piedmont Regional Landfill in Roxboro, NC (73-04) or Brunswick Waste Management Facility in Lawrenceville, Va. Outgoing C&D waste is being disposed of at Shotwell C&D landfill (96-26). 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.
6. The Certified Transfer Station Operations Specialists are as follows:
 - Miguel Hernandez, TS-2005046, expires 11/18/2014
 - Elizabeth Michael, TS-2012055, expires 6/22/2015
 - Stephen Slater, TS-2012062, 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
7. The waste screening records were reviewed during this inspection. The facility completes a minimum of 2 waste inspections per week.
8. Tonnage records were reviewed and are in order. According to Mr. Hernandez, the facility is currently accepting approximately 60 tons of C&D per day and 140 tons of MSW per day. The facility is permitted to receive up to 1,000 tons per day of mixed waste (MSW and C&D).
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.

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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. 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.
12. A waterline has been run to the facility to improve and facilitate cleaning of the transfer station and tipping floor.
13. Radiation detectors have been installed at the facility to screen all incoming loads.
14. 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.



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.
16. No blowing litter was observed outside the building during this inspection.

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: 4/10/13		Email: X	Hand delivery	US Mail	Certified No. []
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Copies: Ellen Lorscheider, Planning and Program Management Branch Head – Solid Waste Section
 Dennis Shackelford, Eastern District Supervisor – Solid Waste Section
 Jessica Montie, Compliance Officer – Solid Waste Section
 Matt Einsmann, Republic Services