



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Wake PERMIT NO.: 9231-CDLF-2012 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: April 22, 2014 **Date of Last Inspection:** April 23, 2013

FACILITY NAME AND ADDRESS:

Material Recovery C&D Landfill
 2600 Brownfield Road
 Raleigh, NC 27610

GPS COORDINATES: N: 35.71038 E: -78.49949

FACILITY CONTACT NAME AND PHONE NUMBER:

Donald Plessinger, General Manager
 Waste Industries, Inc.
 w. 919-557-9583, c. 919-201-1434, f. 919-557-9523
Donald.plessinger@wasteindustries.com

FACILITY CONTACT ADDRESS:

Wake Reclamation, LLC
 (Subsidiary of Waste Industries USA, Inc)
 2600 Brownfield Road
 Raleigh, NC 27610

PARTICIPANTS:

Shawn McKee, NCDENR - Solid Waste Section (SWS)
 Elizabeth Werner, NCDENR - Solid Waste Section (SWS)
 Richard Call - Wake Reclamation LLC/Waste Industries

STATUS OF PERMIT:

Permit To Operate (PTO) issued January 28, 2011
 Permit To Operate (PTO) – change in ownership - issued October 22, 2012
 PTO expiration date January 28, 2016

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 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

The facility is a construction and demolition (C&D) debris landfill. The facility PTO expiration date is January 28, 2016. The facility permit renewal application must be submitted to SWS by September 28, 2015. The facility is permitted to receive C&D debris, inert debris, land clearing debris (LCD), and (used) asphalt from Alamance, Caswell, Chatham, Durham, Franklin, Granville, Harnett, Johnston, Lee, Nash, Orange, Person, Vance, Wake, Warren, Wayne, and Wilson and the municipalities contained within those counties.

1. The facility is in operation Monday through Friday, 7:00 am – 4:00 pm. The scale house operator is Terry Wilson, w. 919-779-3339.
2. The signs displayed at the entrance to the facility are according to permit. The facility is secured by a locked gate and facility personnel are on site during operating hours.
3. The facility is approved to accept approximately 1,100 tons a day per the facility franchise agreement. The facility maintains records of the amount of solid waste received by county and origin of loads. The facility currently receives between 250-600 tons per day.
4. The facility is prohibited from receiving for disposal (but not limited to) hazardous waste, municipal solid waste (MSW), liquid waste, commercial and industrial waste, and yard trash.
5. The facility conducts waste screening of 1 percent of truck loads received. Waste screening records were verified for January 6, 2014 through April 7, 2014. The facility conducts ~ 3 waste screenings per week.
6. The log showing the placement of cover material was reviewed. Cover is generally placed weekly.
7. The following are facility certified personnel:
 - a. Richard Call, Jr., Certified Landfill Operations Specialist, No. LF-2002105, exp. 03/26/14
 - b. Terry Wilson, Certified Landfill Operations Specialist, No. LF-2013066, exp. 10/18/16
 - c. Donald Plessinger, Certified Manager of Landfill Operations, No. 93857, exp. 05/06/14
 - d. Richard Call, Certified Manager of Landfill Operations, No. 904554, exp. 6/7/16
8. The facility maintains semiannual groundwater and surface water monitoring records. Records for the June 11-12, 2013 and December 3-4, 2013 monitoring events were verified. 2L groundwater standards exceedance is consistent with previous reports.
9. The facility conducts quarterly methane monitoring. Methane monitoring records were verified for December 3, 2013 and March 5, 2014. No exceedance noted.
10. The current permit approves operation of Phase 1, cells A, B, and C and the Phase 2, cell A. The drinking water well located on the adjacent (unconstructed) portion of Phase 2 is being used for as a source of water for onsite maintenance.
11. A contingency plan with emergency contacts and procedures was posted in the break room.

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- 12. The facility does not currently accept land clearing debris. Concrete block is stockpiled and crushed for facility maintenance/alternative use. The facility currently receives approximately 7,000 tons per year. There is currently approximately 10,000 tons onsite. **Stored concrete block should be ground/used annually.**
- 13. The facility is operating in cell 2A, Cell 1.
- 14. The facility no longer employs a portable landfill tipper. The tipper was recently removed.
- 15. No unacceptable waste streams were noted in the working face. Continue to ensure that all waste is covered with six inches of earthen material when the waste disposal area exceeds one-half acre and at least once weekly, or more frequently if needed.



Working face



- 16. Edge of waste is marked by temporary wooden stakes adjacent to the active cell and green metal stakes in the inactive areas.
- 17. Previously disturbed areas have been provided with adequate groundcover. Small bare patches are scheduled for repair during the spring (within the next month).
- 18. The windblown waste is being managed well. Some windblown waste was observed during the inspection. Litter pickers were already scheduled.

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: May 2, 2014	X	Email		Hand delivery		US Mail	Certified No. []
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Copies: 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