



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- FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: March 6, 2012 **Date of Last Inspection:** April 6, 2011

FACILITY NAME AND ADDRESS:

WCA – Material Recovery LLC C&D Debris Landfill
 2600 Brownfield Road
 Raleigh, NC 27610

GPS COORDINATES: N: 35.71038 E: -78.49949

FACILITY CONTACT NAME AND PHONE NUMBER:

Dennis Gehle, General Manager
 w. 919-838-6973 and 919-866-1211
 c. 919-422-1519
 f. 919-866-0067
dgehle@wcamerica.com

FACILITY CONTACT ADDRESS:

Dennis Gehle, General Manager
 WCA Waste Corporation
 421 Raleigh View Road
 Raleigh, NC 27610

PARTICIPANTS:

Shawn McKee, NCDENR - Solid Waste Section (SWS)
 Dennis Shackelford, NCDENR - Solid Waste Section (SWS)
 Donna Wilson, NCDENR - Solid Waste Section (SWS)
 Dennis Gehle, General Manager – WCA Waste Corporation

STATUS OF PERMIT:

Permit To Operate (PTO) issued January 28, 2011
 Permit To Construct (PTC) issued in conjunction with PTO
 PTO expiration date January 28, 2016

PURPOSE OF SITE VISIT:

Pre-Operations Visit for Phase 2A and Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

None.

OBSERVED VIOLATIONS

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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

1. The facility is a construction and demolition (C&D) debris landfill. The facility is in operation Monday through Friday, 7:00 am – 4:00 pm. The scale house operator is Sandy Keen, w. 919-779-3339.
2. The facility PTO expiration date is January 28, 2016. The facility permit renewal application must be submitted to SWS by September 28, 2015.
3. The current permit approves operation of Phase 1, cells A, B, and C and the construction of Phase 2, cell A. At the time of the inspection, construction of Phase 2, Cell A had been completed. No concerns with the construction were noted. The drinking water well located on the adjacent (unconstructed) portion of Phase 2 will be temporarily used for as a source of water for onsite maintenance.



4. The facility is operating in cell C. Cells A and B contain intermediate cover.
5. The facility is permitted to receive C&D debris, inert debris, land clearing debris (LCD), and (used) asphalt from Chatham, Durham, Franklin, Johnston, Orange, and Wake Counties. The facility does not currently accept LCD. Concrete block is stockpiled and crushed for facility maintenance/alternative use.
6. 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.
7. 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 300 and 400 tons per day.
8. The facility employs a portable landfill tipper owned and used exclusively by the facility's large quantity hauler, MBI (Mr. Bult's, Inc.).

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9. No unacceptable waste streams were noted.
10. The facility conducts waste screening of 1 percent of truck loads received. Waste screening records were verified for January 4, 2012 through February 29, 2012. The facility conducts ~ 1 waste screening a day.
11. The log showing the placement of cover material was reviewed during the inspection. **The time that the cover is placed must be recorded in addition to the date.**
12. The following are facility certified personnel:
 - a. Dennis Gehle, Certified Landfill Manager, No. LF-201003510, exp. 10/19/13
 - b. Richard Call, Sr., Certified Landfill Operations Specialist, No. LF-2002005, exp. 03/26/11 (will update during the next available class)
 - c. Richard Call, Jr., Certified Landfill Operations Specialist, No. LF-2002105, exp. 03/26/14
13. The facility maintains semiannual groundwater and surface water monitoring records. Records for June 16, 2011 and December 6, 2011 were verified. 2L groundwater standards exceedance is consistent with previous reports.
14. The facility conducts quarterly methane monitoring. Methane monitoring records were verified for September 8, 2011 and December 6, 2011. No exceedance.
15. The facility conducts quarterly hydrogen sulfide monitoring. Hydrogen sulfide monitoring records were verified for September 8, 2011 and December 6, 2011. No exceedance.
16. The facility Financial Assurance Mechanism was approved by the SWS on January 28, 2011 for \$1,913,385. An updated mechanism is being reviewed concurrently with the permit to operate Phase 2A.
17. Edge of waste is marked by green metal stakes and will be covered with white PVC pipe.
18. Previously disturbed areas have been provided with adequate groundcover.
19. The windblown waste is being managed well.
20. Stored concrete block should be ground/used annually. The facility currently receives approximately 8,000 tons per year.
21. The facility has proper signage and is secured by locked gate. Facility personnel are on site during operating hours.

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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: March 19, 2012	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
Compliance Officer – Solid Waste Section
Donna Wilson, Environmental Engineer – Solid Waste Section