



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Wake PERMIT NO.: 92-31 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: April 09, 2010Date of Last Audit: December 17, 2007**FACILITY NAME AND ADDRESS:**

WCA Material Recovery, LLC
 2600 Brownfield Road
 Raleigh, North Carolina 27610

GPS COORDINATES: N: 35.71073 E: -078.49966**FACILITY CONTACT NAME AND PHONE NUMBER:**

Dennis Gehle, General Manager
 (919)-838-6973 office, (919)-866-0067 fax, (919)-422-1519 mobile, dgehle@wcamerica.com e-mail

FACILITY CONTACT ADDRESS:

Dennis Gehle, General Manager
 Material Recovery, LLC
 421 Raleigh View Road
 Raleigh, North Carolina 27610

AUDIT PARTICIPANTS:

Bradley W. Bailey, NCDENR - Solid Waste Section
 Dennis Gehle, WCA, General Manager
 Richard Call Jr., WCA, Lead Operator
 Sandra Keen, WCA, Weigh Master

STATUS OF PERMIT:

Permit to Construct issued January 31, 2003
 Permit to Operate issued October 1, 2003
 Permit to Operate Cell "B" issued May 23, 2006 (**expiration for review October 1, 2008**)
 PTO Phase 1, Cells A, B, C issued January 28, 2008
 PTC Phase 2 (currently under review)

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATIONS:

None

You are hereby 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 Statute or Regulations. If the violation(s) noted here continue, you 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.

STATUS OF PAST NOTED VIOLATIONS:

None

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OTHER COMMENTS /SUGGESTIONS:

1. The service area for this facility consists of: CHATHAM, DURHAM, JOHNSTON, ORANGE AND WAKE counties.
2. The permit, operations plan, waste screening records and contingency plan were reviewed and available for inspection. Employee training records need to be current and maintained as directed in the operations and storm water control plan.
3. The facility entrance sign was checked and meets the requirements.



4. The hours of operation are M – F, 7 am – 4:30 pm.
5. A water truck is available onsite for dust control.
6. Final cover areas appear well vegetated.



7. The erosion control measures appeared to be adequate and were functioning properly at this time.



8. The exposed area was less than ½ acre and was being compacted into a small area. Edges of Waste Markers are in place.



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9. The facility is receiving 30 to 40 truckloads per week and inspecting 3 to 4 loads per week. The waste screening records were reviewed and are being conducted routinely on at least 10% of the waste stream.
10. The Contingency Plans were reviewed and are posted in the break room.
11. The facility was recorded with Wake County, NC 349, Laura M. Riddick, Register of Deeds, Presented & Recorded 02/14/2008 15:22:51 Book:012952 Page:01537-01540.
12. The Water Quality Monitoring Plan was amended March 17, 2010 to include seven (7) new groundwater wells associated with phase 2. The proposed groundwater monitoring wells to be installed are MW-6As, MW-6Ad, MW-7As, MW-7Ad, MW-8, MW-9s and MW-9d. These monitoring wells are in addition to the existing monitoring wells associated with Phase 1, which include MW-1 (background), MW-2, MW-3, MW-4, and MW-5. There will be a total of twelve (12) groundwater monitoring wells sampled for this facility. Existing surface water sampling locations will remain the same, SW-1 (background), SW-2 and SW-3.
13. Semi-annual results were submitted for June 11, 2009 and December 10, 2009 and available for review.
14. The Landfill Gas Monitoring Plan includes the installation of five (5) new permanent landfill gas monitoring wells (LFG-5, LFG-6, LFG-7, LFG-8, LFG-9 and LFG-10). The existing four (4) bar-hole punch test locations (BH-1, BH-2, BH-3, and BH-4) shall remain in the overall landfill gas monitoring plan of the facility.
15. Methane monitoring results for 2009 (April 9, June 11, October 12, December 10) and 1st quarter results for 2010 (February 25) were available for inspection and no exceedances were reported.
16. No asbestos waste is being accepted and disposed of in the facility.
17. Actions need to continue to ensure that the waste being disposed of at the construction and demolition landfill is, in fact, construction and demolition waste only. Unacceptable waste streams should be removed as they are noticed and disposed of properly.
18. The wind blown paper was minimal and is being managed properly.
19. The monitoring wells were not inspected on this visit. Reschedule to be conducted during next monitoring event with consultant, please notify thirty (30) days prior to sampling.
20. The access roads were in good shape and are being maintained well.
21. The certified operators are as follows:
Richard Call Sr., Landfill Operations Specialist, (LF-2002105), expires March 26, 2011
Richard Call Jr., Landfill Operations Specialist, (LF-2002005), expires March 26, 2011
Dennis Gehle, MOLO, (LF-201003510), expires October 19, 2013

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

Bradley Bailey
 Bradley W. Bailey
 Environmental Senior Specialist
 Solid Waste Section
Regional Representative

Phone: (919)-508-8565

Delivered on: <u>June 21, 2010</u> by	X	E-mail		US Mail		Certified No.
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Cc: Mark Poindexter, Field Operations Branch Head
Jason Watkins, Central District Supervisor
Shawn Mckee, Compliance Officer
Donna Wilson, Permitting Engineer