



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Wake PERMIT NO.: 92-28 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: April 26, 2011**Date of Last Audit:** June 12, 2008**FACILITY NAME AND ADDRESS:**

Red Rock Disposal LLC/Waste Industries, Inc. C&D Landfill
7130 New Landfill Drive
Holly Springs, NC 27540

GPS COORDINATES: **N:** 35.60580 **E:** 78.90062**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:**

Donald Plessinger, General Manager
Red Rock Disposal LLC/Waste Industries, Inc. C&D Landfill
7130 New Landfill Drive
Holly Springs, NC 27540

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)
Chris Marriott, SWS
Donald Plessinger, General Manager

STATUS OF PERMIT:

Permit To Operate (PTO) issued July 3, 2008
PTO expiration date July 3, 2013

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION:

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. For the violation(s) noted here, 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.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 3

STATUS OF PAST NOTED VIOLATION(S):

None

AREAS OF CONCERN AND COMMENTS:

On April 26, 2011, John Patrone and Chris Marriott met with Donald Plessinger to conduct a comprehensive audit of the Red Rock Disposal LLC/Waste Industries, Inc. C&D Landfill on New Landfill Drive in Holly Springs, Wake County.

1. The facility is a construction and demolition (C&D) debris landfill.
2. The facility is in operation Monday through Friday, 7:00 am – 5:00 pm. Due to the recent storm event the facility operated 7:00 am – 7 pm on Sunday April 17, 2011 and Saturday April 23, 2011.
3. The Office Manager is Francine Judd, (scale house/office: 919-557- 9583).
4. Mr. Plessinger was asked to ensure that a copy of the permit has been registered with the Wake County Register of Deeds and a certified copy submitted to the SWS.
5. The permit approves operation of Phase 1A, 1B, 1C-1, and 1C-2.
6. The facility is operating in Phase 1C-2. Phases 1A, 1B, and 1C-1 have intermediate cover.
7. The working face was < ½ acre. Mr. Plessinger stated that a working face of ~ 90' x 100' is routine.
8. The facility site plan and operations plan were verified. A large aerial photograph of the facility is posted in the scale house/office, dated 2/11/10.
9. The facility is permitted to receive C&D debris from 60 counties.
10. The facility is permitted to receive C&D debris, inert debris, land clearing debris (LCD), and (used) asphalt. Mr. Plessinger stated that the facility does not typically accept LCD. The facility crushes concrete annually.
11. The facility is prohibited from receiving for disposal (but not limited to) hazardous waste, municipal solid waste (MSW), liquid waste, industrial waste, and yard trash.
12. The facility is currently receiving storm debris (vegetative). Mr. Plessinger stated that the storm debris will be ground and used on site. It is suggested that the facility ensure that a grinding operation is added to the permit when renewed or modified.
13. Mr. Plessinger was given information pertaining to registration for operation of a Temporary Disaster Debris Staging Site (TDDSS).
14. The facility is approved to accept approximately 2,000 tons a day per the facility franchise agreement.
15. The facility maintains records of the amount of solid waste received by county and origin of loads. Mr. Plessinger stated that the facility currently receives ~ 200 TPD or ~ 54 trucks per week. Tonnage records were verified for 2010. Records for January through March 2011 were verified. The facility received 3,690.69 tons in January, 4,302.80 tons in February, and 4,587.47 tons in March.
16. The facility annual report was submitted to the SWS, dated July 15, 2010. Facility throughput for July 2009 through June 2010 is 72,830.55 tons. Recycled/recovered material is 8,608.96 tons.
17. The facility conducts waste screening of 1 percent of truck loads received. Waste screening records were verified for January 2010 through April (to date) 2011, of which the facility conducted an average of 11 waste screenings per month.
18. The following are facility certified personnel:
 - a. Donald Plessinger, Certified Landfill Manager, No. 93857, exp. 05/06/11
 - b. John Ennis, Certified Landfill Operations Specialist, No. LF-2009422, exp. 04/14/12
 - c. Francine Judd, Certified Landfill Operations Specialist, No. LF-20081015, exp. 10/03/11
19. The facility maintains semiannual groundwater and surface water monitoring records. Records for March 25&26, 2008, September 29&30, 2008, March 30&31, 2009, September 29&30, 2009, March 30&31, 2010, and September 29&30, 2010 were verified. 2L groundwater standards exceedance is consistent with previous reports.
20. The facility conducts methane monitoring. Methane monitoring records were verified for October 22, 2010 and March 29, 2011. No exceedance. The October 2010 monitoring event included hydrogen sulfide (H₂S). No exceedance.
21. The facility landfill gas monitoring well installation report was submitted to SWS June 29, 2010 and approved July 2, 2010.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

22. The facility maintains a copy of its financial assurance mechanism, effective August 1, 2010, for \$3,814,278 issued by Travelers Casualty & Surety Company of America (Financial Guarantee Bond Rider No. 105052441).
23. Edge of waste is marked by white 4"x4" wooden posts installed ~ every 50 feet.
24. The landfill cap is mowed ~ once every two years. Mr. Plessinger stated that woody vegetation is routinely removed.
25. The facility operates a construction debris sorting and recycling demonstration project at the landfill adjacent to the working face. Material received from Leadership in Energy and Environmental Design (LEED) contractors is off loaded and sorted. Only cardboard, clean wood debris, metals, gypsum wallboard, and clean concrete and brick are approved for recycling. The area used for LEED operation is ~ 50' x 50' of which waste construction debris is covered with soil per facility requirement. The demonstration project appeared to be operated per its operation plan.
26. Ensure that the construction debris sorting and recycling demonstration project has been approved. Contact Donna Wilson, SWS Environmental Engineer for further guidance.
27. Containers of clean wood debris and gypsum wallboard are hauled off site by McGill Environmental Systems (business type: compost of biodegradable materials) and metals are hauled off site by TT&E Iron & Metal, Inc.
28. There was no indication of erosion or runoff.
29. No windblown material was observed.
30. The location of asbestos disposal in Phase 1C-2 is mapped by GPS. Records were observed.
31. The facility has a water truck to control dust.
32. Vehicle scale recalibration was conducted by AAA Scales Company on March 14, 2011. Zero error.
33. Vehicle scale test was conducted by NC Department of Agriculture & Consumer Services on March 1, 2010. Zero error.
34. The facility has proper signage.
35. The facility is secured by locked gate. Facility personnel are on site during operating hours.
36. The facility PTO expiration date is July 3, 2013. The facility permit renewal application must be submitted to SWS by January 3, 2013.

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



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone
 Environmental Senior Specialist
Regional Representative

Delivered on : <u>April 29, 2011</u> by		Hand delivery/Email	<input checked="" type="checkbox"/>	US Mail		Certified No. []
---	--	---------------------	-------------------------------------	---------	--	-------------------

- cc: Jason Watkins, Central Regional Supervisor
 Donald Herndon, Compliance Officer
 Chris Marriott, Environmental Senior Specialist
 Donna Wilson, Environmental Engineer
 Jaclynne Drummond, Compliance Hydrogeologist