



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	<b>COUNTY:</b> Wake <b>PERMIT NO.:</b> 9228-CDLF-2001 <b>FILE TYPE:</b> 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:** January 28, 2014

**Date of Last Inspection:** November 25, 2013

**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](mailto:Donald.plessinger@wasteindustries.com)

**FACILITY CONTACT ADDRESS:**

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

**PARTICIPANTS:**

Shawn McKee - NCDENR – Solid Waste Section (SWS)  
 Dennis Shackelford - NCDENR – Solid Waste Section (SWS)

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued July 3, 2008  
**A Permit to Operate Application was submitted and complete as of March 26, 2013**  
**The permit application is currently under review**

**PURPOSE OF SITE VISIT:**

Follow up inspection.

**STATUS OF PAST NOTED VIOLATIONS:**

**15A NCAC 13B .0203(d) states:** “By receiving solid waste at a permitted facility, the permittee(s) shall be considered to have accepted the conditions of the permit and shall comply with the conditions of the permit.”

**General Permit Condition Number 5 states:** “By initiating construction or receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.”

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**General Permit Condition Number 6 states:**

“Construction and operation of this solid waste management facility must be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.), the conditions contained in this permit; and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition.”

**15A NCAC 13B .0542 (I) (4)** *Leachate must be contained on-site or treated prior to discharge. An NPDES permit may be required prior to the discharge of leachate to surface waters.*

**All the above noted violations to rules and permit conditions have been resolved. All repaired areas must be established with vegetative groundcover. At a minimum, repaired areas must be seeded and mulched within 30 days.**

**OBSERVED VIOLATIONS:**

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**

The facility is a construction and demolition (C&D) debris landfill. The facility is permitted to receive C&D debris, inert debris, land clearing debris (LCD), and (used) asphalt from 60 of the counties in NC.

1. The facility is in operation Monday through Friday, 7:00 am – 4:00 pm. The facility is secured by locked gate. The facility has proper signage. Facility personnel are on site during operating hours.
2. The facility PTO expired July 3, 2013. The facility permit renewal application has been submitted to SWS and is currently under review.
3. The facility crushes concrete as needed.
4. 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.
5. The Office Manager is Francine Judd, (scale house/office: 919-557- 9583).
6. The facility is approved to accept approximately 2,000 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.
7. Windblown material was observed along the perimeter road from the previous day’s wind. Temporary workers were scheduled to be employed to pick up materials that had been blown off the working face.
8. The facility has a water truck to control dust as needed. It is not used during times in which temperatures are below freezing.
9. The landfill cap is covered with native grasses and is mowed as needed. The cover was in good condition at the time of the inspection.

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10. The working face was approximately one-half acre at the time of the inspection. **C&DLF units must cover the solid waste with six inches of earthen material when the waste disposal area exceeds one-half acre and at least once weekly. Cover must be placed at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging.** All loads should be incorporated in to the working face by the end of the day. No unpermitted waste was noted.



Working face from the east



Working face from the south

11. Edge of waste is marked by white 4"x4" wooden posts installed ~ every 50 feet. These are numbered and well maintained.
12. A full container of waste was observed next to the concrete crusher during the inspection. A container in that location should not be used for long term storage of waste. Additionally, the container was in poor condition and should be replaced or repaired. Per 15A NCAC 13B .0104(e) "All containers for the storage of solid waste shall be maintained in such a manner as to prevent the creation of a nuisance or insanitary conditions. Containers that are broken or otherwise fail to meet this Rule shall be replaced with acceptable containers..."
13. The Leachate Evaporation system has been installed and will be tested when electrical issues are resolved and weather conditions are favorable.



Evaporator nozzles, generator, and holding tank



Sump at toe of slope for leachate collection

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14. The area between Edge-Of-Waste Markers 50 and 52, where during the November 25, 2013 inspection leachate was observed running down the slope and into the storm water ditch, has been repaired. The sump for the leachate evaporation system has been installed in this area to reduce the chance of further leachate break-outs.
15. An area to the northwest of the previously noted leachate seep was also observed to have been recently repaired.



Area of repair (leachate break-out noted in previous inspection)



Additional repair

16. Contaminated soil from below the footprint and the storm water drainage ditch was removed and placed on the top of the landfill. A sampling plan was submitted to the Solid Waste Section for review and soil and water sampling have occurred.

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: February 4, 2014		Email: X		Hand Delivery		US Mail:		Certified No.
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- cc: Michael Scott, Chief - Solid Waste Section  
 Dennis Shackelford, Eastern District Supervisor – Solid Waste Section  
 Ellen Lorscheider, Programs and Planning Branch Head  
 Elizabeth Werner, Permitting Hydrogeologist - Solid Waste Section  
 Jaclynne Drummond, Compliance Hydrogeologist - Solid Waste Section  
 Jessica Montie, Compliance Officer – Solid Waste Section