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FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Guilford
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: 41-03
CDLF	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: 11/24/09 **Date of Last Audit:** 06/03/09

FACILITY NAME AND ADDRESS:
City of Greensboro, White Street Landfill
2503 White Street
Greensboro, N.C. 27405

GPS COORDINATES: N: 36.10831 **E:** 79.73095

FACILITY CONTACT NAME AND PHONE NUMBER:
Scott Bost, Waste Disposal Manager
336-373-7661
Cell: 336-430-6171
e-mail: david.bost@greensboro-nc.gov

FACILITY CONTACT ADDRESS:
City of Greensboro, Environmental Services
Department, Solid Waste Management Division
P.O. Box 3136
Greensboro, North Carolina 27402

AUDIT PARTICIPANTS:
Scott Bost, Waste Disposal Manager
Lewis Walker, Environmental Compliance Officer
Jason Jernigan, Operations Supervisor
Hugh Jernigan, Solid Waste Section

STATUS OF PERMIT:

Closed MSW Landfill, C&D over Closed MSW Landfill
Original Issue Date: January 7, 1998 (Stage I)
Permit Modification: October 7, 1998 (Stage II)
Permit Modification: April 15, 2000 (Stage III)
Permit Modification: May 25, 2006 (Extension)
Permit Expired
Permit Review Date: July 1, 2008

PURPOSE OF AUDIT:
Comprehensive Audit

NOTICE OF VIOLATION(S):

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.

STATUS OF PAST NOTED VIOLATIONS:

NONE

AREAS OF CONCERN AND COMMENTS:

1. The facility is a Closed MSW Landfill (Phase II), Construction and Demolition Landfill over a closed MSW Landfill. A Large Type One Compost Facility is also covered under Permit No. 41-03, and a MSW Landfill under Permit No. 41-12 is at the same location and utilizes the same scale house facilities.
2. The service area for the facility is limited to Guilford County.
3. The facility permit for the C&D Landfill over a closed MSW Landfill was scheduled for review July 1, 2008. The facility has submitted a permit application (June 2008) as required by the Construction and Demolition rules for the continued operation of the facility. The application includes updated operational plans. The City has had communications with the Solid Waste Section Permitting Staff regarding the application. The application is currently under review by the Solid Waste Section Permitting Staff.
4. Reviewed landfill training records, the facility has numerous SWANA certifications for landfill operators and managers, including the following:
   Lewis Walker, Certified Landfill Manager, expires 06/26/12; Dewayne Wheeler, Certified Landfill Manager, expires 06/26/12; Robert Rash, Compost Manager, expires 02/10/10; John Bauer, Certified Landfill Operations Specialist, expires 06/14/10; Eddie Briggs, Certified Landfill Operations Specialist, expires 06/14/10; David Frazier, Certified Landfill Operations Specialist, expires 06/14/10; Bernard Gardner, Certified Landfill Operator Specialist, expires 06/14/10; Robert Rash, Certified Landfill Operations Specialist, expires 06/14/10; Donald Van Eaton, Certified Landfill Operations Specialist, expires 06/14/10; Dewayne Wheeler, Certified Landfill Operations Specialist, expires 06/14/10; David Johnson, Certified Landfill Operations Specialist, expires 02/08/11; Lewis Walker, Certified Landfill Operations Specialist, expires 02/08/11; Chuck Waite, Certified Landfill Operations Specialist, expires 02/08/11.
   Scott Bost is a certified National SWANA Instructor and has certifications including: Manager of Landfill Operations, Construction and Demolition Debris Landfill Manager of Landfill Operations, and Transfer Station Manager.
5. Reviewed facility operational records including tonnage reports, random inspections, methane monitoring, semiannual monitoring, and training logs.
6. For the month of September 2009 the C&D Landfill received 5,912.74 tons of waste, October 2009 3,980.88 tons, and the facility has received 2,103.06 tons to date for November 2009.
7. Reviewed random inspection program and recent random inspection records. Approximately one random inspection per day is conducted on incoming C&D waste. Reviewed last 13 random inspection reports covering the period November 9-November 23, 2009.
8. Reviewed methane monitoring reports. The last methane monitoring event was conducted November 3, 2009. No methane was detected in facility structures and no exceedances noted in monitoring wells or at facility boundaries.
9. Reviewed semiannual ground water, leachate, and surface water monitoring report conducted April 2009. The most recent semiannual monitoring event was conducted in October, but the report has not been submitted to the City of Greensboro as of the date of this inspection. The facility is currently conducting an approved ground water assessment program and a ground water remediation plan has been approved by the Solid Waste Section.

10. Closed MSW unit observed to have good vegetative cover. Mowing of vegetation on the MSW landfill was conducted recently. The facility operation plan states vegetation on the MSW landfill is to be mowed twice a year.
11. Sedimentation basins well maintained and have adequate capacity.
12. No on-site or off-site erosion noted.
13. Monitoring wells observed to be locked and protected by fencing. Roadways are maintained for access to the monitoring wells.
14. Observed landfill operations at the Construction and Demolition Landfill unit.
15. Waste being disposed observed to be accordance with C&D rule and permit requirements.
16. The working face was well controlled and the waste was well compacted. Adequate soil cover observed over recently filled disposal areas and intermediate areas.
17. The Construction and Demolition Landfill has approximately 900,000 cubic yards of disposal volume remaining.
18. The facility maintains a log of soil cover activities, documenting dates, area, and amounts of soil cover. Reviewed soil cover logs.
19. Windblown materials effectively controlled and collected. No windblown materials were observed in or around the Construction and Demolition Landfill.
20. Roadways are well maintained.
21. Approved landfill gas extraction and recovery system in operation. The collected landfill gas is flared or delivered and utilized in boilers at Cone Mills Corporation. The Phase II area is currently extracting approximately 35-45 million cubic feet per month. For the year to date approximately 73% of the extracted landfill gas has been utilized by Cone Mills, the remainder has been flared.
22. A convenience dump area for construction and demolition waste disposal is maintained at the site for cars and small vehicles. The convenience area was observed to be clean and well maintained.

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

Hugh Jernigan

Hugh Jernigan
Environmental Senior Specialist
Regional Representative

Phone: 336-771-0593.

Delivered on : 11/30/09 **by**	X	e-mail		US Mail		Certified No. [ ]

cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central District Supervisor
Donald Herndon, Compliance Officer