NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

revised 5/27/2010 3:34:00 PM

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

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: 05/19/19 **Date of Last Audit:** 11/24/09

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
Landfill: 336-373-7658
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
Gail Licayan, Technical Services
Jason Jernigan, Operations Supervisor
Dewyne Wheeler, Landfill Operations
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 facility operational records including tonnage reports, random inspections, methane monitoring, semiannual monitoring, and training logs.
5. 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 04/10/13; 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; Gail Licayan, Certified Landfill Operations Specialist, expires 03/15/13 .
   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.
6. The Construction and Demolition landfill received 5,139.48 tons of waste during the month of April 2010 and the facility has disposed of 28,625.90 tons of MSW, to date, during the 2009-2010 reporting period.
7. Reviewed random inspection program and recent random inspection records. Approximately one random inspection per day is conducted on incoming C&D waste. Reviewed random inspection reports covering the period April 2010 – to date.
8. Reviewed semiannual ground water, leachate, and surface water monitoring report conducted October 2009.
9. 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. The remediation project for the Phase II area is scheduled to begin in the fall of 2010.
10. Closed MSW areas were observed to have good vegetative cover. Mowing of vegetation on Phase II is currently being conducted. The facility operation plan states vegetation on the MSW landfill is to be mowed twice a year.
11. Sedimentation basins well maintained with adequate capacities, no on site or off-site erosion noted. The facility has an active Land Quality Erosion Control Permit.
12. Financial assurance approval letter was sent to the City of Greensboro from the Solid Waste Section on March 18 2010 for the year 2009.

13. The facility has a Storm Water NPDES Permit, is conducting the required storm water monitoring, and has been recently inspected by Water Quality.
14. Reviewed methane monitoring reports. The last methane monitoring event was conducted February 9, 2010. No methane was detected in facility structures, in monitoring wells, or at facility boundaries. The facility utilizes a GEM 1000 gas monitor which is field calibrated monthly and the monitor receives a manufacturer's calibration yearly, as per the unit specifications.
15. The facility has a Title V Permit for landfill gas emissions from the Division of Air Quality.
16. A landfill gas extraction/collection system is approved for the Phase II area (in combination with approval for the Phase III area system permitted under Permit 41-12). Collected landfill gas may be flared or utilized for boiler fuel by Cone Mills Corporation. For the period January-April 2010, 235 million cubic feet of landfill gas was extracted from the Phase III area, with approximately 73% being utilized by Cone Mills.
17. No landfill gas odors were observed on or around the Phase II landfill area.
18. Monitoring wells observed to be locked and protected by fencing. Roadways are maintained for access to the monitoring wells.
19. Permanent edge of waste boundary markers are installed on the entire Phase II landfill area.
20. Observed landfill operations at the Construction and Demolition Landfill unit.
21. Waste being disposed observed to be accordance with C&D rule and permit requirements.
22. The working face was well controlled and the waste was well compacted. Adequate soil cover observed over recently filled disposal areas and intermediate areas.
23. The Construction and Demolition Landfill has approximately 600,000 cubic yards of disposal volume remaining.
24. The facility maintains a log of soil cover activities, documenting dates, area, and amounts of soil cover. Reviewed soil cover logs.
25. Windblown materials effectively controlled and collected. No windblown materials were observed in or around the Construction and Demolition Landfill.
26. Roadways are well maintained throughout the facility.
27. 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.
28. **Note: Initial observations indicate final contours have been achieved for approximately 10-15 acres for the Construction and Demolition landfill areas.**
29. **As per 15A NCAC 13B .0543 (c) (5) (b) "The owner and operator must begin closure activities for that portion of each C&DLF unit meeting one or more of the following requirements……" "No later than 30 days after the date that a 10 acre or greater area of waste, is within 15 feet of final design grades;..".**
30. **Documentation to verify current contours and determine applicability of closure requirements for the Construction and Demolition area should be submitted by the City of Greensboro to the Solid Waste Section no later than June 15, 2010.**

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

Hugh Jernigan Jr.

Hugh Jernigan
Environmental Senior Specialist
Regional Representative

Phone: 336-771-0593.

Delivered on : 05/27/10 **by**	X	e-mail		US Mail		Certified No. [ ]

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