



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:												
Lined MSWLF	X	LCID		YW		Transfer		Compost		SLAS		COUNTY: Guilford PERMIT NO.: 41-12 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

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: 36.10556 E: 79.72998

FACILITY CONTACT NAME AND PHONE NUMBER:

Scott Bost, Waste Disposal Manager
 Office: 336-373-7660
 Cell: 336-430-6171
 e-mail: david.bost@greensboro-nc.gov

FACILITY CONTACT ADDRESS:

City of Greensboro, 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, N.C. Solid Waste Section

STATUS OF PERMIT:

Date of Original Permit to Operate (Cell 1, Phase III): December 9, 1997
 Modification, Permit to Operate (Cell 1 expansion): May 15, 1998
 Modification, Permit to Operate (Alternative liner, Cell 2): June 14, 2001
 Modification, Permit to Operate (Cell 3): April 14, 2005
Permit Review Date: April 14, 2010

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.

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STATUS OF PAST NOTED VIOLATIONS:

NONE

AREAS OF CONCERN AND COMMENTS:

1. The facility is a MSW Landfill (Phase III Area) operating under Permit No. 41-12.
At the same location a Compost Facility, Closed MSW Landfill (Phase II Area), and C&D Landfill over a Closed MSW Landfill are permitted under separate Permit No. 41-03.
2. The service area for the facility is Guilford County.
3. The MSW Landfill ceased receiving daily waste loads of residential, commercial, and industrial waste in September 2006 since the opening of the Greensboro MSW Transfer facility at another location.
4. The MSW landfill is active, but has a reduced waste acceptance (mostly bar screen waste from the City of Greensboro Waste Water Treatment Plant, and ash generated by the City of Greensboro, Osborne Waste Water Treatment Plant). The MSW landfill is utilized primarily as an emergency back-up disposal for the transfer station (the landfill has accepted general MSW waste two days since September 2006).
5. The City of Greensboro has plans to keep the MSW landfill open for emergency situations and acceptance of the above-mentioned waste materials. There is approximately 1.9 million cubic yards of disposal airspace remaining from the original permitted ~5.4 million cubic yards of the Phase III Area.
6. A permit revision request for modifying the side slopes of the MSW Landfill from 4:1 to 3:1 and increasing landfill capacity has been submitted by the City of Greensboro and is under review by the Solid Waste Permitting Staff.
7. **Note: Permit No. 41-12 has a permit review date of April 14, 2010. A request for renewal of the permit should be submitted to the Solid Waste Section 120 days prior to the review date. Any changes in the Operational Plans should be submitted along with the permit renewal request.**
8. Reviewed permit, operational plans, and facility operational records, including tonnage reports, random inspections, methane monitoring, leachate logs, semi-annual monitoring reports, plans and training records.
9. The MSW landfill receives an average of approximately 650 tons of waste per month. The facility has disposed 583 tons, to date, for the month of November 2009.
10. Reviewed methane monitoring reports. The last methane monitoring event was conducted November 4, 2009. No methane was detected in facility structures, in monitoring wells, or at facility boundaries.
11. 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.
12. 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.

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13. No random inspections are currently being conducted for the MSW Landfill since the waste being disposed is only bar screen waste and ash. Random inspections are being conducted for incoming waste at the C&D Landfill.
14. Random inspections for the MSW would resume if the facility begins accepting general MSW waste (residential, commercial, and industrial waste).
15. Phase III of the MSW facility consist of 3 cells. Disposal operations currently being conducted in Cell 3.
16. Due to the small amount of waste being received, soil cover is generally applied as the waste is placed on the working face. The working face was observed to be completely covered with soil/ash during the inspection with no visible solid waste on the working face or immediate areas around the working face.. The use of an alternative daily cover (Posi-Shell) is approved, but not being utilized at this time.
17. Adequate intermediate soil cover and vegetative cover over inactive areas.
18. A side slope repair has been conducted on the north facing side of the landfill in an area of approximately 450ft. x 150ft. The repaired area has also been seeded and has vegetative growth.
19. Road ways throughout the facility are well maintained.
20. A landfill gas extraction/collection system is approved for the Phase III area. Landfill gas from Phase III can be flared or utilized for boiler fuel by Cone Mills Corporation. Approximately 50-60 million cubic feet per month of landfill gas is extracted from the Phase III area. For the period January-October 2009 approximately 581 million cubic feet of landfill gas has been extracted with 16% being utilized by Cone Mills, the remainder being flared.
21. No landfill gas odors were observed on or around the MSW Landfill.
22. Leachate re-circulation has been approved but not in operation.
23. No windblown materials were observed in or around the MSW landfill.
24. The facility has a Storm Water NPDES Permit, is conducting the required storm water monitoring, and has been recently inspected by Water Quality.
25. Sedimentation basins well maintained with adequate capacities, no off-site erosion noted.
26. Permanent edge of waste boundary markers are being installed.
27. Monitoring well casings are locked and enclosed within locked fences.
28. Leachate collected from the MSW Landfill is stored in two 350,000 storage tanks and leachate is pumped to the City of Greensboro Waste Water Treatment Plant. At the time of the inspection Tank A registered 16 feet of leachate and Tank B registered 5.5 feet of leachate stored. The leachate tanks are operated to maintain adequate storage capacities for heavy rain events.
29. There have been no leachate discharges to the waste treatment plant since September 2009. Total amount of leachate discharged for the period January-November 2009 is approximately 765,000 gallons. Reviewed leachate system inspection logs.

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



 Hugh Jerrigan

Phone: 336-771-5093

Environmental Senior Specialist
Regional Representative

Delivered on : <u>11/30/09</u> by	X	e-mail		US Mail		Certified No. []
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cc: Mark Poindexter, Field Operations Branch Supervisor
 Jason Watkins, Central District Supervisor
 Donald Herndon, Compliance Officer