



FACILITY COMPLIANCE INSPECTION 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		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 05/28/14

Date of Last Inspection: 03/26/13

FACILITY NAME AND ADDRESS:

City of Greensboro
 White Street MSW Landfill
 2503 White Street
 Greensboro, N.C. 27405

GPS COORDINATES: N: 36.10831 E: 79.73095

FACILITY CONTACT NAME AND PHONE NUMBER:

Jason Jernigan, Solid Waste Disposal Manager
 Office: 336-412-3959
 Landfill: 336-373-7658
 Cell: 336-587-3445
 e-mail: jason.jernigan@greensboro-nc.gov

FACILITY CONTACT ADDRESS:

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

PARTICIPANTS:

Jason Jernigan, Solid Waste Disposal Manager
 Lewis Walker, Compliance Supervisor
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Date of Original Permit to Construct (Cell 1, Phase III): March 17, 1997
 Date of Original Permit to Operate (Cell 1, Phase III): December 9, 1997
 Modification, Permit to Operate (Cell 1 expansion): May 15, 1998
 Amendment, Permit to Construct (Alternate liner, additional property, Cells 2&3): October 6, 2000
 Amendment, Permit to Operate (Alternative liner, Cell 2): June 14, 2001
 Amendment, Permit to Operate (Cell 3): April 14, 2005
 Amendment, Permit to Operate (Renewal for Cells 1, 2, &3, Operational Plans modification): June 15, 2011
Permit Expiration Date: April 14, 2015

PURPOSE OF SITE VISIT:

Comprehensive Inspection

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STATUS OF PAST NOTED VIOLATIONS:

NONE

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

1. The facility is a MSW Landfill (Phase III Area) operating under Permit No. 41-12.
2. At the same location a Compost Facility, Closed MSW Landfill (Phase II Area), and C&D Landfill over a Closed (Phase II Area) MSW Landfill are permitted under separate Permit No. 41-03.
3. The service area for the facility is Guilford County.
4. 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.
5. 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).
6. 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).
7. The MSW landfill receives an average of approximately 600 tons per month of ash and Waste Water Treatment Plant bar screen waste. Tonnage reports indicate 6,049.42 tons were disposed for the period July 2013- April 2014.
8. 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 1.3 million cubic yards of disposal airspace remaining from the permitted ~5.35 million cubic yards of the Phase III Area.
9. Reviewed permit, operational plans (approved under 06/15/11 Permit to Operate Renewal) and facility operational records, including tonnage reports, methane monitoring, leachate logs, semi-annual monitoring reports, plans, and training records.
10. **Note: The Permit to Operate Expiration date is April 14, 2015. Permit conditions state the facility must submit a request for a permit renewal with updated pertinent facility plans no later than October 14, 2014.**
11. Most recent financial assurance documentation for Permit 41-12 was submitted to the Solid Waste Section on November 7, 2013.
12. Reviewed landfill gas monitoring program and most recent landfill gas monitoring report. The last quarterly monitoring event was conducted March 11, 2014. No exceedances were detected at the sampling locations consisting of 14 landfill gas monitoring wells, scale house, and operations building. Sampling is conducted with a GEM 2000 gas monitor and the facility maintains manufacturer's calibration and field calibration data for the unit.
13. The facility has a Title V Permit for landfill gas emissions from the Division of Air Quality. Quarterly surface monitoring for methane is required by the Division of Air Quality Permit. Reviewed recent quarterly methane surface monitoring data.
14. A landfill gas extraction/collection system is approved for the Phase III area (in combination with approval for the Phase II area system permitted under Permit 41-03). Collected landfill gas may be flared or utilized for boiler fuel by Cone Mills Corporation via pipeline. For the period January - April 2014, 150.82 million cubic feet of landfill gas was extracted and flared from the Phase III MSWLF area. No landfill gas was utilized by Cone Mills.
15. Landfill gas was being flared during the inspection.

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16. Reviewed semiannual ground water and surface water monitoring report for the sampling event conducted September 10 and 11 2013 for 10 monitoring wells and 3 surface water locations. The monitoring report for the sampling event was conducted April 2014 has not been submitted to the facility as of the date of this inspection. No exceedances of the Appendix I Volatile Organics were detected. Cobalt and Vanadium were detected in monitoring well samples were determined to be naturally occurring.
17. Reviewed landfill training records. The facility has numerous SWANA certifications for landfill operators and managers, including the following: Jason Jernigan, Certified Landfill Manager, expires 02/11/16; Lewis Walker, Certified Landfill Manager, expires 06/26/15; Robert Rash, Certified Compost Program Manager, expires 02/14/16; Gail Hay, Certified Landfill Manager, expires 03/26/15; Clyde Harding, Certified Landfill Manager, expires 03/26/15; Barnard Garner, Certified Landfill Operations Specialist, expires 11/17/17; Eddie Briggs, Certified Landfill Operations Specialist, expires 03/26/15; Donald Van Eaton, Certified Landfill Operations Specialist, expires 11/17/17; Shane Manley, Certified Landfill Operations Specialist, expires, 07/30/16. John Bald, Certified Landfill Operations Specialist, expires 12/04/15; Wilbert Carter, Certified Landfill Operations Specialist, expires 02/26/15; Shane Manley, Certified Landfill Operations Specialist, expires 06/30/16; Larry Rummage, Certified Landfill Operations Specialist, expires 02/26/15; Tracy Toles, Certified Landfill Operations Specialist, expires 02/26/15; Cindy Verdeck, Certified Landfill Operations Specialist, expires 02/26/15; Timothy Williams, Certified Landfill Operations Specialist, expires 03/25/17; James Swaney, Certified Landfill Operations Specialist, expires 03/25/17; Michael Jordan, Certified Landfill Operations Specialist, expires 03/25/17; Jerry Pegram, Certified Landfill Operations Specialist, expires 11/13/15; Bernadette Potts, Certified Landfill Operations Specialist, expires 06/22/15.
18. Observed landfill operations.
Phase III of the MSW facility consists of 3 cells. Disposal operations currently being conducted in Cell 3.
19. 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. Use of an alternative daily cover (Posi-Shell) is approved, but not being utilized at this time.
20. No random inspections are 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.
21. Random inspections for the MSW would resume if the facility begins accepting general MSW waste (residential, commercial, and industrial waste).
22. No odors were observed on or around the MSW Landfill.
23. Adequate intermediate soil cover and vegetation over inactive areas.
24. Mowing of vegetative cover for the Phase III MSW landfill is conducted a minimum of two times per year.
25. Additional intermediate soil cover and seeding has been conducted over other portions of the landfill, as needed.
26. Road ways throughout the facility are well maintained. A water truck is utilized during dry periods for dust suppression on roadways.
27. No windblown materials were observed in or around the MSW landfill.
28. The facility has a General Storm Water NPDES Permit NCG 120000. The facility is conducting the required storm water monitoring, and has been recently inspected by the Division of Water Quality.
29. Slope drains have been installed as per the facility plan to direct storm water from the intermediate cover areas.
30. 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.
31. Permanent edge of waste boundary markers are installed on the Phase III MSW landfill.
32. Monitoring well casings are locked and enclosed within locked fences.
33. Reviewed leachate inspection/daily reading logs. The leachate system is typically inspected four times per week.
34. 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. Tank A is typically utilized a pretreatment tank. Leachate is transferred to tank B for discharge. The leachate tanks are operated to maintain adequate storage capacities for heavy rain events.

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



Phone: 336-771-5093

Hugh Jernigan
Environmental Senior Specialist
Regional Representative

Sent on: 06/05/14	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. []
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Copies: Jason Watkins, Western District Supervisor
Sarah Rice, Solid Waste Compliance Officer
Pat Backus, Solid Waste Permitting