



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Guilford PERMIT NO.: 41-03 FILE TYPE: COMPLIANCE
Closed MSWLF	<input checked="" type="checkbox"/>	HHW		White goods		Incin		T&P		FIRM		
CDLF	<input checked="" type="checkbox"/>	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 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:

Closed MSW Landfill, C&D over Closed MSW Landfill

Original Issue Date (C&D over Closed MSW, Stage I): January 7, 1998
 Permit Modification (C&D over Closed MSW, Stage II): October 7, 1998
 Permit Modification (C&D over Closed MSW, Stage III): April 15, 2000
 Permit Amendment (Continued Operation, C&D over Closed MSW): May 25, 2006
 Permit Amendment (Continued Operation, C&D over Closed MSW): March 30, 2012
Permit Expiration Date: March 30, 2017

PURPOSE OF SITE VISIT:

Comprehensive Site Inspection

STATUS OF PAST NOTED VIOLATIONS:

NONE

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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 covered under Permit No. 41-03 is a Closed MSW Landfill (Phase II), Construction and Demolition Landfill over a closed MSW Landfill. A Large Type One Compost Facility is covered under Permit No. 41-03SWC, 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 closed MSW Landfill consists of a 135 acre waste footprint. A permit for disposal of construction and demolition waste over a closed MSW Landfill was issued in 1998 for a 65 acre footprint.
4. The Construction and Demolition Landfill disposal area has approximately 900,000 cubic yards of disposal volume remaining.
5. Reviewed facility operational records including tonnage reports, random inspections, methane monitoring, semiannual monitoring, and training logs.
6. The most recent financial assurance documentation submitted to the Solid Waste Section on November 7, 2013.
7. 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.
8. The construction and demolition landfill typically receives an average of 2,500-3,500 tons monthly. According to tonnage records, the facility has disposed of 30,514.55 tons of C&D waste during the period July 2013- April 2014.
9. Reviewed random inspection/waste screening program and recent random inspection records. Approximately one random inspection per day is conducted on incoming C&D waste.
10. Reviewed semiannual ground water and surface water monitoring report for the sampling event conducted September 10, 11, and 12, 2013 for 12 monitoring wells and 5 surface water locations. The monitoring report for the sampling event was conducted April 2014 has not been submitted to the facility as of this date.

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11. The Corrective Action groundwater monitoring has been completed. The approved Corrective Action Plan consists of the utilization of phytoremediation and natural attenuation for the Phase II area. Hybrid poplar trees have been planted and are being monitored as part of the Corrective Action Plan.
12. Closed MSW areas were observed to have good vegetative cover. The facility typically conducts cap mowing operations two or more times per year. Facility operation plan stipulates vegetation on the closed MSW landfill is to be mowed twice a year.
13. All sedimentation basins are well maintained with adequate capacities, no on site or off-site erosion noted. All sedimentation basins have adequate retention space. The facility has an active Land Quality Erosion Control Permit.
14. The facility has a Storm Water NPDES Permit. The facility is conducting the required storm water monitoring, and has been recently inspected by the Division of Water Quality.
15. Reviewed landfill gas monitoring reports. The last quarterly monitoring event was conducted March 11, 2014. No exceedances were detected at the sampling locations consisting of 8 landfill gas monitoring wells, maintenance shop, compost shed, phase II blower building, compliance building and four surface locations. Sampling is conducted with a GEM 2000 gas monitor and the facility maintains manufacturer's calibration and field calibration data for the unit.
16. The facility has a Title V Permit for landfill gas emissions from the Division of Air Quality. Quarterly surface monitoring for methane is also conducted as a condition for the Air Quality permit.
17. 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 via pipeline. During the period January-April 2014 approximately 152.87 million cubic feet of landfill gas was sent to Cone Mills and 46.67 million cubic feet of landfill gas was flared from the Phase I and Phase II.
18. No landfill gas odors were observed on or around the Phase II landfill area.
19. Monitoring wells observed to be locked and protected by fencing. Roadways are maintained for access to the monitoring wells.
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 facility maintains a log of soil cover activities. Review of soil cover logs indicated compliance with soil cover requirements as per .0524 "Operation Plan and Requirements for C&DLF Facilities".
24. Windblown materials effectively controlled and collected. Temporary fencing installed near the active working face appears to be effective in limiting windblown materials. No windblown materials were observed in or around the Construction and Demolition Landfill.
25. Roadways are well maintained throughout the facility. Dust control is implemented, as necessary, with a water truck.
26. Edge of waste markers observed to be in place.
27. A convenience site 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. A temporary disaster debris site is located adjacent to the convenience site. The temporary disaster debris site has been activated for collection of vegetative debris generated by the March 6-7, 2014 storm event. Approximately 19,000 tons of vegetative debris collected from the storm event is currently on site.
29. Closure of 38 acres of the Construction and Demolition Landfill was previously identified as requiring closure as per 15A NCAC 13B .0543 (c)(5) "Closure and Post Closure Requirements for C&DLF Facilities".
30. The facility has completed and received closure certification for 8 acres on the southern side of the landfill. Closure activities currently ongoing for the remaining 30 acres. Closure of an additional 6 acres is nearing completion and is being scheduled for matting and seeding.
31. Closure activities for the remaining areas are planned for completion by September 2014.

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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