



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Table with columns for Unit Type (Lined MSWLF, Closed MSWLF, CDLF) and checkboxes for various waste types (LCID, YW, Transfer, Compost, SLAS, HHW, White goods, Incin, T&P, FIRM, Tire T&P/Collection, Tire Monofill, Industrial Landfill, DEMO, SDTF). Includes a summary box for County (Davidson), Permit No. (2906), and File Type (COMPLIANCE).

Date of Site Inspection: 06/28/2016

Date of Last Inspection: 06/02/2016 and 6/10/2016

FACILITY NAME AND ADDRESS:

Davidson County Integrated Solid Waste Management Facility
220 Davidson County Landfill Road
Lexington, NC 27292

GPS COORDINATES: N: 35.85281° W: 80.17620°

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Rex Buck, Public Services Director
Telephone: 336-242-2008
Email address: rex.buck@davidsoncountync.gov

FACILITY CONTACT ADDRESS:

P. O. Box 1067
Lexington, NC 27293-1067

PARTICIPANTS:

Steven Sink, Landfill Supervisor
Deb Aja, Western District Supervisor, Solid Waste Section
Susan Heim, Environmental Senior Specialist, Solid Waste Section

STATUS OF PERMIT:

2906-MSWLF-1994: Closed
2906-MSWLF-2008: Issued 7/14/2014; Expires 5/28/18
2906-CDLF: Issued 5/28/2013; Expires 7/18/2018
2906-HHW: Issued 7/14/2014; Expires 5/28/2018

PURPOSE OF SITE VISIT:

Partial Inspection

STATUS OF PAST NOTED VIOLATIONS:

- 1. 15A NCAC 13B .0203(d) cited for failing to perform and/or document the required waste screening provisions stated in the Revised Operations Manual (July 2013). No review of records was made during this inspection.
2. CORRECTIVE MEASURES IN PROGRESS: 15A NCAC 13B .0542(1)(4) cited for failure to capture leachate or to treat it prior to discharge. Since the last site visit on June 10, 2016, an earthen berm had been put into place to retain the leachate accumulating at the toe of the C&D landfill slope. A sampling plan had been developed by Smith Gardner, Inc. and submitted to and approved by the Solid Waste Section on June 24, 2016. Sampling is to take place on June 30, 2016 and a report will be forwarded to the Solid Waste Section within 15 days of receipt of the analytical data. Additional soil cover had been applied to the

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working face and, as stated by Mr. Sink, the final loads of material have been accepted at the site prior to initiating the closure process.

3. **CORRECTIVE MEASURES IN PROGRESS:** 15A NCAC 13B .0542(f)(1) cited for failure to apply adequate cover to waste at the C&D landfill. Additional cover has been applied and will continue to be applied as the site is prepared for the closure process.



Leachate being captured and retained by earthen berm at the toe of C&D landfill face and additional soil cover observed 6/28/2016.

4. **CORRECTIVE MEASURES IN PROGRESS:** 15A NCAC 13B .1626(2)(a) cited for failure to adequately cover waste at the MSW landfill. Additional cover had been added to the areas surrounding the working face. Additional cover is needed in some areas to achieve compliance.
5. **CORRECTIVE MEASURES IN PROGRESS:** 15A NCAC 13B. 1626 (7)(a) cited for failure to prevent silt from leaving the MSWLF facility. Sections of silt fencing had been replaced and secured and drainage channels had been repaired along the slope facing the new cell construction.
6. **CORRECTIVE MEASURES IN PROGRESS:** 15A NCAC 13B. 1626 (7)(b) cited for failure to prevent on-site erosion. In addition to regrading and seeding of the slope facing new cell construction, top soil had been spread on some of the eroded areas of the remaining slopes of Phase 2 of the MSW landfill. Mr. Sink stated that slope repairs and regrading will continue and that these areas will then be reseeded in the near future.
7. **CORRECTIVE MEASURES IN PROGRESS:** 15A NCAC 13B. 1626 (7)(c) cited for failure to provide for a vegetative cover sufficient to restrain erosion within 30 working days or 120 calendar days of completion of any phase of MSWLF development. Some evidence of new vegetative cover was observed on the slope facing the new cell construction.

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OBSERVED VIOLATIONS:

No additional violations were observed during this inspection.

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 also 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. Some additional trees had been removed from the area of the edge of waste at the MSW landfill. Mr. Sink stated that work had also begun to clear the vegetative growth in the drainage channels located on the landfill slopes.
2. Repairs and improvements had been made to the access road leading up to the tipping area of the MSW landfill.
3. Mr. Sink stated that an additional equipment operator had been assigned to assist in landfill operations.
4. Mr. Sink stated that several trailer loads of electronics had been removed by the county's contractor, PowerHouse Recycling, Inc. It was observed that the large stockpile of unmanaged electronics had been reduced, with some of the materials having been properly sorted, palletized and stored awaiting removal.
5. Mr. Sink stated that provisions had been made with an outside contractor to properly manage the large stockpile of unsorted unprocessed white goods by evacuating CFCs and transporting units for recycling along with the scrap metal stockpile atop the C&D landfill and closed Phase 1 MSW landfill.

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

Phone: 336-776-9672

Susan Heim
 Environmental Senior Specialist
Regional Representative

Sent on: June 29, 2016 to Rex Buck.	X	Email		Hand delivery		US Mail	
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- Copies:
- Jason Watkins, Field Operations Branch Head – Solid Waste Section
 - Deb Aja, Western District Supervisor – Solid Waste Section
 - Jaclynne Drummond, Hydrogeologist – Solid Waste Section
 - Jessica Montie, Compliance Officer – Solid Waste Section
 - Zeb Hanner, County Manager – Davidson County
 - Steven Sink, Landfill Supervisor – Davidson County
 - Angela Jones, Solid Waste Administrative Assistance – Davidson County