



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 County: Davidson, Permit No.: 2906, File Type: COMPLIANCE.

Date of Site Inspection: 07/12/2016 Date of Last Inspection: 06/28/2016

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 – Davidson County
Angela Jones, Administrative Assistance – Davidson County
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. RESOLVED: 15A NCAC 13B .0203(d) cited for failing to perform and/or document the required waste screening provisions...
2. CORRECTIVE MEASURES IN PROGRESS: 15A NCAC 13B .0542(1)(4) cited for failure to capture leachate or to treat it prior to discharge.

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he would rework the slope again to ensure capture of all the liquid runoff. He further noted that the sampling plan had been approved by the Solid Waste Section and implemented on June 30<sup>th</sup>. Although the laboratory results have not yet been received, Mr. Sink notified me by telephone on July 14<sup>th</sup> that the results showed no contamination. Written documentation will be provided as soon as it becomes available.

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. A great deal of progress was observed during this inspection. Mr. Sink stated that he will apply additional cover to the slopes and cap to provide the final cover needed prior to closure of the landfill operation.
4. **CORRECTIVE MEASURES IN PROGRESS:** 15A NCAC 13B .1626(2)(a) cited for failure to adequately cover waste at the MSW landfill. Additional cover continues to be added to the areas surrounding the working face. Additional cover is still needed in some areas to achieve compliance. Mr. Sink stated that cover and repairs would be completed prior to the arrival of the seeding contractor on July 15, 2016.
5. **CORRECTIVE MEASURES IN PROGRESS:** 15A NCAC 13B. 1626(7)(a) cited for failure to prevent silt from leaving the MSWLF facility. No new areas of erosion were observed at the MSWLF during this inspection. Compliance will be achieved once vegetative cover is established on 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 be completed prior to the reseeding scheduled for July 15, 2016.
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. Initial efforts at establishing a stable vegetative cover were not effective. Evidence of additional cover and regrading were observed, and Mr. Sink advised that reseeding would take place on July 15, 2016.

**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. Trees had been removed from the area of the edge of waste at the MSW landfill. Mr. Sink stated that work is continuing on clearing the vegetative growth in the drainage channels located on the Phase 2 (active) and Phase 1 (closed) MSW landfill slopes.
2. The amount of windblown litter previously observed at the facility had been reduced, and inmate crews were observed collecting windblown trash during this inspection.
3. Access roads were of all-weather construction and in good repair.
4. The working face of the MSW landfill appeared to be more compact, with a tipping area that was more defined and

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easier for trucks to access. Mr. Sink stated that the remaining capacity of the active cell is limited to a small area across the top of the landfill, and that he anticipated moving to the newly constructed cells in the near future.

5. At the time of this inspection, a contractor was observed evacuating CFCs from white goods, and a portion of the white goods stockpile had been removed. Mr. Sink advised me by telephone that evacuation and removal of all white goods units and scrap metals from the site had been completed on July 15, 2016.
6. The electronics collection and processing area was observed. A number of shrink-wrapped pallets and gaylords of electronics were stored in the cardboard collection building and in the unused transfer station awaiting pick-up by the electronics recycling contractor. A small pile of unsorted materials remained between these two buildings. Mr. Sink stated that inmate crews were being used to help process and sort the electronics, and that he anticipated the remaining materials would be sorted and palletized before the end of July. Mr. Sink also stated that several trailer loads of electronics had already been removed, and that the contractor would continue to transport loads until the large stockpile of electronics was eliminated.
7. The large stockpile of unprocessed latex paints previously observed at the facility appeared to be unchanged at the time of this inspection. Mr. Sink stated that the HHW contractor had been advised to process the paint and remove it from the site as quickly as possible.



*Regraded north slope of MSW landfill and inmates picking up windblown trash.*



*Regraded south slope of MSW landfill.*



*South slope of C&D landfill regraded with additional cover, Note the new runoff area seen in foreground.*



*Contractor working on the evacuation of CFCs from white goods.*

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*Pile of unprocessed monitors in electronics area.*



*Unprocessed electronics stored in cardboard collection building.*

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

Phone: 336-776-9672

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Susan Heim  
 Environmental Senior Specialist  
*Regional Representative*

Sent on: <b>July 20, 2016 to Rex Buck.</b>	<b>X</b>	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