



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer	<input checked="" type="checkbox"/>	Compost		SLAS	COUNTY: MADISON PERMIT NO.: 58-03 FILE TYPE: COMPLIANCE
Closed MSWLF	<input checked="" type="checkbox"/>	HHW	<input checked="" type="checkbox"/>	White goods		Incineration		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Closed Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 12/18/2014

Date of Last Inspection Report: 4/17/2012

FACILITY NAME AND ADDRESS:

MADISON COUNTY SOLID WASTE FACILITY
 271 Craig Rudisill Road
 Marshall, NC 28753

GPS COORDINATES: N: 35.80890 E: -82.71680

FACILITY CONTACT INFO:

Name: Jim Huff, Madison County Solid Waste Director
 Phone: 828-649-2311
 Email: jhuff@madisoncountync.org

PARTICIPANTS:

Andrea Keller – NCDENR Solid Waste Section, Compliance
 Jim Huff – Madison Co. Solid Waste Director
 Cheryl Chandler – Madison Co. Solid Waste Department

STATUS OF PERMIT:

C&DLF Unit 2 – Active [5803-CDLF-1995]
 Transfer Facility – Active [5803-TRANSFER-2002]
 MSWLF Unit – Closed [5803-MSWLF-1993]
 C&DLF Unit 1 – Closed
 Permit Renewal: June 17, 2011
 PTO expires: June 16, 2016

PURPOSE OF SITE VISIT:

Comprehensive site inspection

STATUS OF PAST NOTED VIOLATIONS:

RESOLVED: 15A NCAC 13B .0542 Operation Plan and Requirements for C&DLF Facilities (f) cover material requirements (1) and (2). See item #15 below.

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 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.

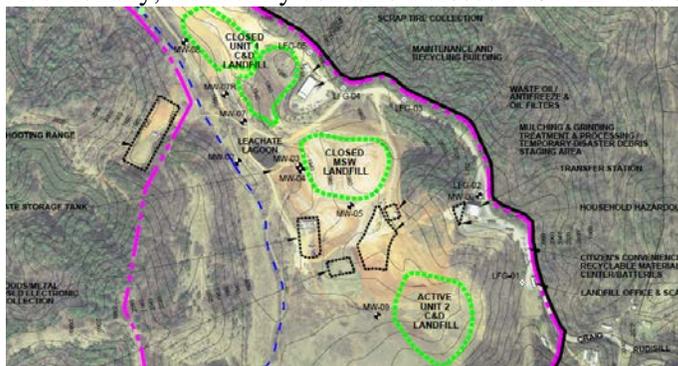
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ADDITIONAL COMMENTS

Records Review/General:

1. This facility is comprised of an active Transfer Station, CDLF, Treatment & Processing unit, HHW collection site, recycling center, the Madison Co. Sheriff's Dept. firing range, and a convenience center. Additionally, the facility contains a closed MSWLF and CDLF unit.



Operations Plan C-101

The service area for all units at this facility is Madison County. Transfer station MSW wastes are transported to the Lakeway Recycling and Sanitation Landfill in Lowland TN (DEC #SNL32-0280). Waste acceptance records were reviewed (January 1, 2014 – present). Records for September through November of 2014 indicate that incoming CD wastes range from ~115-200 tons per month and MSW wastes range from ~650-800 tons per month.

2. The Mulching and Grinding Treatment and Processing Facility, as described in the Operation Plan, was not active during the inspection.
3. The Household Hazardous Waste (HHW) area was locked/access controlled at the time of the inspection. The County maintains and reports records of amount and type of HHW received on an annual basis.
4. White goods are accepted at the facility and CFC refrigerants are removed on site. No issues were noted at this staging area.
5. Scrap tires and electronics are accepted for recycling at the maintenance/recycling building. These materials are kept under cover until they are loaded into a trailer for removal/processing. No issues were noted in this area.
6. Waste Oil, antifreeze, and used oil filters are accepted at the facility along with used cooking oil and batteries. These materials were kept under cover.
7. Landfill gas monitoring records were reviewed for the previous four quarters (LFG-01 through LFG-06, maintenance building and scale house). No issues noted. Groundwater monitoring records were reviewed for the previous two sampling events. Reports are under review with the Section hydrogeologist (J. Drummond).
8. The current Permit and Operations Plan were available for review. Tire records were reviewed for 10/2013 through 12/2014 – no issues were noted. Waste screening records were available for review (10/2013-12/2014 records reviewed) for the transfer station and CDLF. See item #16 below for notes on the CDLF screening records. Additionally, per the Operations Plan, waste screening of MSW wastes should occur primarily on the tipping floor in accordance with the approved procedure (4.0 Inspection of Wastes, Operations Plan). Facility takes photos in conjunction with the screening reports. Unacceptable wastes are

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removed from the disposal stream and documented.

9. Training Records:

Operator	Training Certification	Expiration Date
Larry Wright	Landfill Operator	4/15/2017
Jerry Rector	Landfill Operator	2/13/2015
Richard Roberts	Landfill Operator	4/15/2017
James Ensley	Landfill Operator	8/21/2016
James Huff	Landfill Operator/MOLO	2/25/2017 and 5/06/2017

Operator	Training Certification	Expiration Date
Larry Wright	Transfer Station	In review process
Jerry Rector	Transfer Station	2/27/2015
Richard Roberts	Transfer Station	8/21/2016
Norman (Bud) Roberts	Transfer Station	1/1/2018
James Ensley	Transfer Station	7/22/2017
Kenneth Sprinkle	Transfer Station	3/6/2017
James Huff	Transfer Station	7/22/2017

Inactive C&DLF (Unit 1) and Inactive MSWLF:

10. The Edge of Waste (EOW) markers were visible at the closed disposal units. Access roads were well-maintained. It was noted that the monitor well casings had been painted and in some cases the paint had obscured both the monitor well name and the well drilling tag.



Note that 15A NCAC 02C .0108 requires that (o) Each non-water supply well shall have permanently affixed an identification plate which includes (6) the well identification number or name assigned by the well owner. It appears as though the casings have been painted as part of general maintenance. While several casings still maintained the well identification plate (without IDs), the well ID tags have been painted over. It is recommended that new ID stickers/paint be place on all on-site monitoring wells.

11. The underground leachate storage tank (4000 gallons) is equipped with a continuous leak detection and high-level monitoring device. Alarm conditions are visually and audibly indicated and per the Operations Plan this system is checked on a weekly basis. Leachate removed from the tank is transported to the Town of Marshall WWTP.
12. Adequate ground cover and vegetation was observed on the closed MSWLF cell and the closed CDLF Unit 1 cells. No issues noted.

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Transfer Station:

13. The transfer facility floors and drains were maintained at the time of the inspection. The loading bay appeared to be maintained and no evidence of vectors or odors was noted.
14. Minimal windblown litter was observed. However, as the inspection was conducted at the start of operating hours, observed windblown could be considered to have been either overlooked during the operator's daily collection of windblown wastes or it could have been generated from material escaping the transfer station bay. The lower loading bay appeared to have waste gathering at the base of the transfer trailers. This material should ideally be collected and containerized at the end of each working day.

Active C&DLF (Unit 2):

15. The CDLF unit appeared to have adequate weekly cover and the working face was kept to a controlled area. No unacceptable wastes were observed. The intermediate benches (per Ops Plan and landfill design) were intact and the sediment basin appeared to be well maintained. Minimal windblown was noted at the working face during the inspection. Note that some areas below the active working face require maintenance/soil cover during your next weekly cover event (erosion) – this issue was discussed with Larry Wright (landfill operator).



Non-active areas of the cell had been seeded for erosion control.

16. Inspection records reviewed for both the transfer station and the active CDLF unit indicated that the majority of the CDLF inspections were conducted at the convenience center/roll-off location rather than at the working face. Please note that the approved Operations Plan states:
Landfill personnel will conduct random inspections of typical incoming loads. Inspections will occur at a designated site, adjacent to the working face of the landfill unit. The load will be carefully spread by a front-end loader with personnel trained to identify hazardous and liquid waste or any other unacceptable waste. The frequency of the random inspections will be based on the type and quantity of wastes received, but not less than one inspection per week.

1.3 Waste Inspections

17. In order to better maintain the CDLF gravel drive/entrance to the disposal unit, it is recommended that either an attendant be present during load drop-off, or that the facility work to sign/guide the public to the proper unloading area on the working face. (See the approved Operations Plan section 5.3 Signage for full requirements).
18. During the inspection there was some discussion (with L. Wright) regarding the fill sequence of the landfill and the required sediment basin. Note that the Permit to Operate (PTO) submittal discusses the fill sequence for the landfill and that this is an approved document (*CQA Report and Operations Plan, C&DLF Unit 2, Madison County, NC*, prepared by McGill Associates October 12, 2006) per the approved permit. If there is a need to evaluate the fill sequence, berm requirements, or life of the sediment basin it is recommended that

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any variance from this Plan be, at a minimum, submitted to the Section for prior approval. Please contact me if you want to discuss this item further.

19. Asbestos disposal records were maintained and available for review.

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

Phone: (828) 296-4700

Environmental Senior Specialist
Regional Representative

Sent on: December 30, 2014	Email: jhuff@madisoncountync.org	US Mail	Certified No. <input type="checkbox"/>
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ec: Deb Aja, SWS Western District Supervisor
Sarah Rice, SWS Compliance Officer