



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF	<input checked="" type="checkbox"/>	LCID	<input checked="" type="checkbox"/>	YW	<input checked="" type="checkbox"/>	Transfer		Compost		SLAS	<b>COUNTY: BUNCOMBE</b> <b>PERMIT NO.: 11-07</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW	<input checked="" type="checkbox"/>	White goods	<input checked="" type="checkbox"/>	Incin		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF	<input checked="" type="checkbox"/>	Tire T&P/ Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** 1/12/2012

**Date of Last Inspection:** 7/7/2011

**FACILITY NAME AND ADDRESS:**

Buncombe County Solid Waste Management Facility  
 85 Panther Branch Road,  
 Alexander, NC 28701

**GPS COORDINATES:** N: 35.72600 E: -82.63655

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Contact: Jerry Mears, Landfill Manager; [jerry.mears@buncombecounty.org](mailto:jerry.mears@buncombecounty.org)  
 Contact: Kristy Smith, Bioreactor Manager; [Kristy.smith@buncombecounty.org](mailto:Kristy.smith@buncombecounty.org)  
 Main office telephone: 828-250-5462

**PARTICIPANTS:**

Andrea Keller, NCDENR– Solid Waste Section (SWS)  
 Jerry Mears, Buncombe County  
 Kristy Smith, Buncombe County

**STATUS OF PERMIT:**

Most recent permit activity: Amendment issued June 15, 2011 – 5-year renewal  
 Permit Expires: June 15, 2016  
 Units in operation: 1107-MSWLF-1996 (cell 6);  
 1107-CDLF- (Phase 4 vertical expansion); and  
 HHW Collection Facility

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**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.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 2 of 4

**ADDITIONAL COMMENTS**

1. On site for comprehensive audit of MSW/C&DLF facility.
2. Discussed status of bioreactor: no vertical wells installed yet, horizontal wells to be installed in the March time-frame (thus the active working face has been "leveled" in preparation for install).
3. Reviewed quarterly records for landfill gas (LFG): 12/29/10, 3/8/11, 6/21/11, 9/12/11, 12/1/11. The facility added the radio tower to the on-site structure monitoring on 6/21/11. No landfill gas exceedances were documented.
4. Reviewed leachate management logs. Weekly records were available for review: rainfall, GPS pumps for cells 1-6 (checked 12/30/11-1/5/11). Leachate pond was pumped down, inspected, and maintenance in July 2011.
5. Reviewed groundwater monitoring records (previous two sampling events). Records were available on site and the most recent report was under review with the Section hydrogeologist.
6. Scrap tire records were available for review (2011 records) and the scrap tire area was managed and tires were stored under cover. Financial Assurance documentation was discussed and the facility presented their August 24, 2011 submittal to the Section. Waste tonnages were kept (reviewed 12/2/11-2/1/11). Asbestos intake/management records were kept and available for review (2011 records reviewed).
7. Waste screening records were available for review (January 3, 2011 through December 20, 2011 records were reviewed). Buncombe Co. transfer trailer vehicles were being inspected (incoming from the 11-08T transfer station facility) in accordance with the 11-08T permit requirement (screened at the working face).
8. Training records were available for review (no issues noted):

Operator	Training Cert.	Expiration Date
Jerry Mears	MOLO	5/25/13
Kristy Smith	MOLO	2/9/14
Nancy Litz	LF Operator	2/13/12
Charles Biddix	LF Operator	2/13/12
Charles Angel	LF Operator	4/19/14
Wesley (Dane) Pederson	LF Operator	11/15/14
Jerry Baily	LF Operator	8/21/12
Nick Edmonds	LF Operator	8/21/12
Dan Golden	LF Operator	8/21/12
James Danner	LF Operator	5/16/12
S. Kathy Lunstord	LF Operator	4/19/14
James Yount	LF Operator	4/19/14
Dean Payne	LF Operator	2/13/15

9. Alternate Cover Material (ACM) records were reviewed (being managed and maintained by S. Hunter) for 12/1/10 through 9/13/11.
10. The convenience center/drop-off area was well maintained with minimal windblown. Batteries and used oils were kept under cover.
11. The HHW/electronics/paint area was well maintained. Florescent lights were protected and containerized, electronics were maintained on pallets, paints are consolidated prior to removal from the facility. (see photo below)

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 3 of 4



12. The white goods area was controlled and maintained. Propane tanks are collected in a separate roll-off container.
13. Erosion control features appeared to be maintained. Intermediate vegetation was established and maintained with a few areas around the leachate lines and gas headers in need of attention.



1/12/12

14. The mulch/T&P grinding area was established in a way to separate clean wood wastes from yard waste and the mulch generated from yard waste and the City of Asheville street sweepings was being utilized as ACM in accordance with the facility Operations Plan. Minimal unapproved materials were noted at this location. The drainage and surface water controls could use improvement.
15. The working face of the CDLF was inspected:
  - a. The active working face of the CDLF was maintained separate from the designated asbestos disposal area. Signs for controlling/designating the area for asbestos disposal were in place.
  - b. Weekly soil cover was adequate.
  - c. Minimal windblown materials were noted surrounding the active working face of the CDLF.
  - d. Active working area was restricted, approximately, to less than a ½ acre.
  - e. No unacceptable wastes were noted at the landfill.
  - f. The access road was saturated (recent heavy rain). In the area where the access road turns into the CDLF working face, the EOW markers were not visible and some soils with waste were potentially being pushed outside the EOW boundary. Please re-establish controls to prevent this and/or better define the waste limits.
16. The working face of the MSWLF was inspected:
  - a. Recent heavy rain had contributed to some ponding at the working face – however, the facility is a permitted bioreactor which allows for controlled infiltration of surface water and recirculated leachate into the working face (through, in part, ponds and/or trenches). Additionally, the facility was preparing to lay horizontal leachate recirculation lines which required a level surface and which then increased the

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 4 of 4

occurrence of surface water retention.



1/12/12

- b. The approved Posi-shell ACM had been recently applied, no issues were noted. Visible color can indicate a lack of full coverage. LF Manager stated that the operators make several passes with the posi-shell spray equipment in order to achieve coverage.
- c. Unacceptable wastes are pulled from the disposal area and taken to the appropriate facility location (example: tires, white goods).
- d. The active working area unit was restricted in size. Access was controlled through use of operators on site and the large free-standing windblown fencing. Soil cover was good.

- 17. The T&P area of the facility is still producing mulch on site. Yard Waste materials are segregated from the mulch area, for use as ACM material (not for public consumption). Containers are available for materials not acceptable for grinding (painted/engineer wood, plastic, etc.). There was large stock-piled area of mulch, awaiting use as an ACM material. Note that maintenance (windrows, temperature checks, etc.) of this material is recommended (to prevent combustion).
- 18. Access roads were well maintained at the facility. Signs were in place to direct waste haulers/general public to appropriate disposal locations.
- 19. The leachate pond appeared to be <half full. Leachate has been re-circulated as part of the bioreactor management.
- 20. Overall the facility was well-managed, records were organized and easily accessible, and no significant issues were noted.

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

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Andrea Keller  
Environmental Senior Specialist  
*Regional Representative*

Phone: 828-296-4700

Sent on: 1/25/12		Email:		Hand Delivery		US Mail		Certified No. [ ]
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ec: Jason Watkins, Western District Supervisor – Solid Waste Section  
Jessica Montie, Compliance Officer – Solid Waste Section