



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer	X	Compost		SLAS		COUNTY: AVERY PERMIT NO.: 06-03 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incineration		T&P		FIRM		
CDLF	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: 8/21/2013

Date of Last Inspection: 11/8/2012

FACILITY NAME AND ADDRESS

Avery Co. C&D Landfill
 2175 Brushy Creek Rd. (SR-1011)

GPS COORDINATES: (Decimal Degrees) N: 35.96116 E: -81.96983

FACILITY CONTACT NAME AND PHONE NUMBER:

Henry Norris – Avery County Solid Waste Director
 (828) 859-6880 (Maintenance Shed), (828) 859-6655 (Town Office)
 Email: buddy.norris@averycountync.gov
 Robert Wiseman – Avery County Manager (828) 733-8201

FACILITY CONTACT ADDRESS:

PO Box 305
 Newland, NC 28657

AUDIT PARTICIPANTS:

Henry Norris, Solid Waste Director – Avery County
 Eric Foster, Solid Waste Assistant Director – Avery County
 Deb Aja, Solid Waste Section

STATUS OF PERMIT:

Active: The Permit to Operate shall expire April 13, 2016. On April 13, 2011 the Avery County Transfer Station (06-02T) was incorporated, by amendment, into the permit for the Avery County Construction & Demolition (C&D) Landfill (06-03).

PURPOSE OF SITE VISIT:

Comprehensive Inspection.

STATUS OF PAST NOTED VIOLATIONS:

N/A.

OBSERVED VIOLATIONS:

There were no violations observed.

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.

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ADDITIONAL COMMENTS

1. The inspection was conducted after several weeks of wet weather that included intense rainfall events.
2. The site entrance was clearly marked with required signage.
3. The facility is permitted to receive solid waste generated in Avery, Burke, Caldwell, McDowell, Mitchell, and Watauga counties in North Carolina, and, Carter, Johnson, and Unicoi counties in Tennessee.

Transfer Facility:

1. In the fiscal year 2013-2013 an average of 1040 tons of waste per month were accepted at the transfer facility.
2. Avery County owns and operates a transfer trailer fleet. Three trailers are actively used, with additional trailers available as needed.
3. Waste from an Avery County convenience center was delivered to the tipping floor during the inspection. No unacceptable wastes were observed on the tipping floor.
4. The push walls were maintained in good condition and the areas behind push walls were clean.
5. The loading bay appeared to be cleaned daily. The sump in the loading bay was free of debris.
6. The leachate storage tank is located downgradient of the transfer facility building, in a vegetated area. Vegetation was cleared in the vicinity of the tank for access. It was stated that the drain to the tank is checked daily and that monthly a degreaser is added to the tank. The tank was pumped 3 weeks prior to the inspection. The tank is typically pumped every 5 to 6 weeks.
7. Glass, electronics, fluorescent lamps, oil filters, and white goods and metals are collected for recycling. The electronics are delivered with white goods and metals area to a concrete pad at the transfer facility and then removed from the pile and placed into a container for recycling. Broken electronics were observed mixed in with the white goods and metals pile. Electronic waste should be segregated when collected so that items may remain intact for safe and environmentally sound processing. It is recommended that the electronics be collected only in locations where there is room for dedicated collection. Intact CRT televisions and monitors can be recycled at no cost whereas there is a cost associated with recycling "non-intact" CRTs. The monies distributed to the county from the State Electronics Management Fund may be used to make purchases or site improvements to manage the electronics collected at convenience sites (the distribution must be used exclusively in support of electronics recycling). Rob Taylor, Local Government Assistance Team - Division of Environmental Assistance and Customer Service is available to offer assistance and can be contacted at 919-707-8139 or by email: rob.taylor@ncdenr.gov.
8. A trailer for tire collection was parked next to the transfer building. All tires collected were placed in the trailer.
9. Scrap Tire Hauler forms were reviewed and were filled out as required.
10. No windblown waste was observed and the grounds surrounding the transfer facility were well maintained.
11. Waste screening records for 2013 were reviewed. Waste screening was conducted as required.

Construction and Demolition Debris Landfill:

12. The facility was actively filling in Phase 3, Cell 1
13. In the fiscal year 2013-2013 an average of 263 tons of waste per month were accepted at the landfill.
14. The access roads were maintained in good condition. Any areas of damage from recent storms to the access roads were repaired.
15. The access at the working face was well marked to direct traffic. Stone and inert materials were used on the approach to the working face to ensure all-weather access.
16. The working face was operated to restrict solid waste into the smallest area feasible and the waste was compacted as densely as practical into cells.
17. There was no unacceptable waste observed in the landfill during the inspection.
18. Weekly covered appeared to be applied as required. It was stated that the waste was scheduled to be covered on the day of the inspection.
19. The areas surrounding the working face and inactive areas of the landfill were free of windblown litter.
20. Vegetative cover was well established throughout inactive areas of the landfill, including the lower section of Phase 2.

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21. The storm water control devices (sediment ponds, skimmers, storm water control ditches, etc.) were maintained. The sediment ponds appeared to be well below maximum capacity.
22. Edge-of-waste markers were present and visible.
23. The following groundwater monitoring wells were inspected with conditions noted:

Well No.	Access	Security	Well Casing, Protective Casing, & Cap	Concrete Pad	Well Tags	Comment
CDMW1A	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Maintained in good condition.	Legible and in good condition.	
CDMW4S	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Sediment accumulated around base of outer casing. Unable to inspect pad.	Well tag was very faded.	Sediment should be removed around the well and the source of sediment eliminated. Please see field log comments in groundwater monitoring reports. Well needs new label.
CDMW4D	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Sediment accumulated around base of outer casing. Unable to inspect pad.	Well tag was very faded.	Sediment should be removed around the well and the source of sediment eliminated. Well needs new label.

24. Landfill gas monitoring data (property boundary wells GP-1, GP-2, GP-2, and GP-3) were reviewed post-inspection. Methane was not detected in property boundary wells in sampling events conducted on February 5, 2013, June 19, 2013, and September 18, 2013.
25. Landfill gas monitoring is described in the Operations Manual – Section 3.4. A drawing was provided (Smith & Gardner, Inc. September 2013) of existing conditions with landfill gas monitoring well locations to supplement earlier drawings depicting all monitoring points. Sampling of property boundary wells appears to be conducted in accordance with the section’s guidance (<http://portal.ncdenr.org/web/wm/guidance-and-memos>). A landfill gas monitoring plan will be required for review by a permitting hydrogeologist in the next permitting cycle.
26. The following operator training was completed:
 - Henry Norris – MOLO, certification expires 8/24/2014
 - Eric Foster – MOLO, certification expires 6/7/2016
 - Shane Eggers – Landfill Operations Specialist, certification expires 4/27/2016
 - Finley Love – Transfer Station Specialist, certification expires 2/27/2015
 - Robert Banner – Landfill Operations Specialist, certification expires 11/1/2013

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



Deborah Aja
 Environmental Senior Specialist
Regional Representative
deborah.aja@ncdenr.gov

Phone: 828-296-4702
 Asheville Regional Office
 2090 US Hwy 70
 Swannanoa, NC 28778

Sent on October 1, 2013, to Henry Norris, by:	X	Email		Hand delivery		US Mail		Certified No. <u> </u>
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EC: Jason Watkins, Western District Supervisor
Sarah Rice, Compliance Officer
Allen Gaither, Regional Permitting Engineer
Brian Wootton, Permitting Hydrogeologist
Jaclynn Drummond, Compliance Hydrogeologist
Rob Taylor, Local Government Assistance Team - DEACS