



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE: (check all that apply to this audit with same Permit number)

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Avery PERMIT NO.: 06-03 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: 07/06/11

Date of Last Audit: 02/28/11

FACILITY NAME AND ADDRESS

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

GPS COORDINATES: (Decimal Degrees) N: 35.923027° E: -82.178.25°

FACILITY CONTACT NAME AND PHONE NUMBER:

Henry "Buddy" Norris – Avery County Solid Waste Director
(828) 859-6880 (Maintenance Shed), (828) 859-6655 (Town Office)
Robert Wiseman – Avery County Manager (828) 733-8201

FACILITY CONTACT ADDRESS (IF DIFFERENT):

PO Box 305
Newland, NC 28657

AUDIT PARTICIPANTS:

Bill Wagner, Solid Waste Section –NCDENR
Bob Crenshaw – Avery County
Shane Eggers – Avery County

STATUS OF PERMIT:

Current: Expires August 11, 2015

NOTE: 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).

C&D FACILITY PERMIT NO: 06-03	ISSUANCE DATE
Original Permit:	10/25/96
Amendment: Permit to Construct Phase 3 with Continued Operations of Phases 1&2 for waste relocation & mitigation.	10/16/09
Modification: C&D Phase 3 Permit to Operate	8/12/10

PURPOSE OF AUDIT:

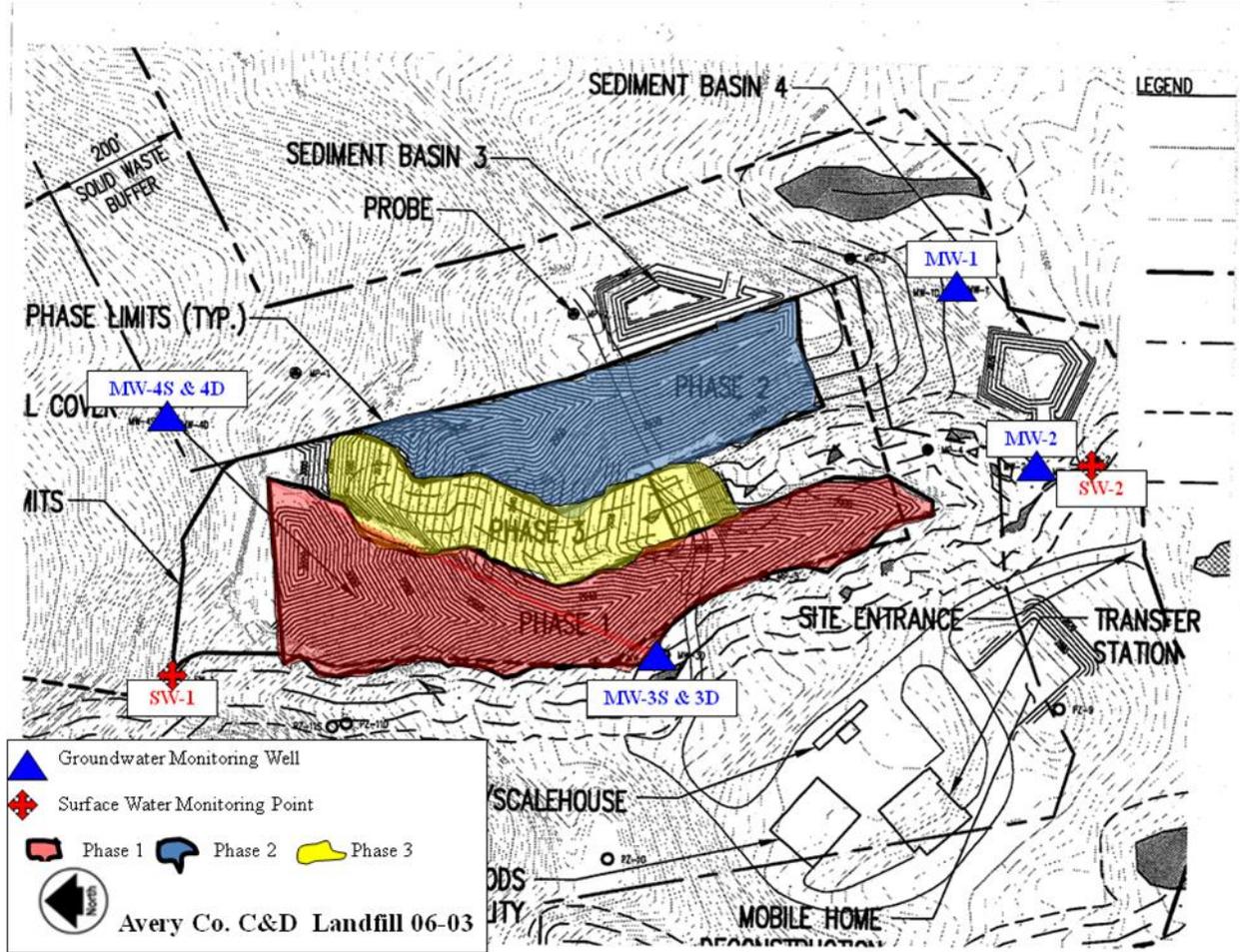
Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

None

You are hereby 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 Statute or Regulations. If the violation(s) noted here continue, you 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 AUDIT REPORT
Division of Waste Management
Solid Waste Section



Note: Map is not to scale.

Site Map with Photo Perspectives 4/21/10

AREAS OF CONCERN ANI

Avery County Construction & Demolition Landfill Staff Certifications:

Name	Certification	Expiration Date
Bob Crenshaw	Certified Landfill Technical Assistant	6/26/12
	Landfill Operations Specialist	2/27/17
Eric Shane Eggers	Landfill Operations Specialist	4/27/13
Robert J. Banner	Landfill Operations Specialist	10/01/13

1. The facility operating hours are: M-F 8:00 – 4:30 and Saturday 9:00 – 1:00
2. The C&D landfill is permitted to receive wastes from counties in both North Carolina and Tennessee:
 NC: Avery, Burke, Caldwell, McDowell, Mitchell, and Watauga counties.
 TN: Carter, Johnson, and Unicoi Counties.
3. The C&D landfill is averaging approximately 300-tons of waste per month.
4. Tipping fee for C&D wastes is currently \$45 per ton.
5. Proper signage is displayed at the front gate. (Photo #1)
6. The facility was receiving waste during the audit. (Photos #2)
7. Phase 3 is in operation. The working face was small and well maintained. (Photos #2 & #4)
8. For the past two weeks the facility has received afternoon thunder storms almost daily. The day before this audit, the facility received +3-inches of rain.
9. The access roads that cuts though the lower (southern) portion of the landfill from east to west, and is used to access the working face, is muddy but passable. (Photo #3.)

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section



1. Signage at the front gate.



2. Looking (S) at the working face.



3. Looking (E) down the (S) side of the access road. Phase 2 is on the right. (Note the matting placed in the storm water diversion ditch on the right side of the road.)



4. Looking (N) from the access road at the working face in Phase 3.



5. Permanent edge-of-waste marker on the (E) edge of Phase 1.



6. Looking (S) from upper reaches of Phase 2 at yellow edge-of-waste marker on the right. (Sediment basin #3 is in the background.)

10. "Edge of Waste" markers are in place and well maintained. (Photos #5 & #6)

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 6

11. The access road running north and south, east side of Phase 2, is not passable. Several surface water diversion berms have been cut across this section of the access road. (Photos #7 & #8). **The access road must be properly maintained and passable at all times.**
12. No windblown waste was observed.
13. Waste screening is done daily at the working face by landfill staff. Approximately one out of every ten incoming loads is screened. Waste screening records were reviewed.
14. **Vegetative cover (or other approved erosion control measures) must be established on the lower section of Phase 2 (the area south of the central access road).** (Photos #9 & 10)
15. **The storm water control devices (sediment ponds, skimmers, storm water control ditches, etc.) are in need of repair. (Photos #9 - #12) Sediment basins need dredging; silt and debris need to be cleared from drop inlets and from overflow standpipes; skimmers in the sediment basins need to be repaired; burlap “baffles” in the sediment basins need to be repaired and silt needs to be removed from storm water diversion ditches.**



7. Looking (N) up the access road located (E) of Phase 2. Note the yellow field book (for scale) resting on top of one of several surface water diversion berms that have been cut across the road.



8. Looking (N) from the base of the access road located (E) of Phase 2.



9. Looking (NE) from the southern section of Phase 2 at Sediment Basin 3. (Note the complete lack of vegetative cover or any type of erosion control material on this section of Phase 2.)



10. Looking (E) across Sediment Basin #4 located at the foot of the landfill. (Note the damaged burlap baffles.) The foot of Phase 2 is to the left of the sediment basin.

16. Groundwater monitoring wells and landfill gas wells are properly marked with a unique ID numbers and with a “Well Driller’s Tags” and secured with locks. (Photo #13)

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 5 of 6



11. Sediment Basin #4: Damaged “skimmer” (on the right) and “overflow” standpipe filled with debris (on the left).



12. Drop-inlet for surface water collection & diversion located at the top (northern end) of Phase 3.



13. Properly tagged, identified, and secured gas monitoring probe (on the left) and groundwater monitoring well (on the right).

- 17. Samples for the semi-annual water quality monitoring event were collected by Avery County’s Engineering consultant, Richardson, Gardner & Smith & Associates (RSG) approximately two weeks ago. Landfill gas monitoring was also done by RSG at that time. The results of these sampling events have not yet been submitted to the Division.
- 18. Fire response is provided by the Green Valley VFD.
- 19. The landfill has a dedicated area for the disposal of asbestos material. On April 29, 2011 the landfill disposed of approximately six yds³ (1-ton) of asbestos material.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 6 of 6

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

 (signature) Phone: 825-296-4705
Bill Wagner
Environmental Senior Specialist
Regional Representative

Delivered on : <u>7/07/11</u> by		Electronic Delivery	X	US Mail to: Robert Wiseman PO Box 305 Newland, NC 28657	Certified No. []
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ec: Jason Watkins, Solid Waste Section – Western District Supervisor
Donald Herndon, Solid Waste Section – Compliance Officer

Henry “Buddy” Norris: buddy.norris@ncmail.net