



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Alamance PERMIT NO.: 01-05 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: September 12, 2011 **Date of Last Inspection:** September 02, 2010
Date of Last Site Visit: May 03, 2011

FACILITY NAME AND ADDRESS:

Coble's Sandrock, Inc. C&D Landfill
 5833 Foster Store Road
 Liberty, NC 27298

GPS COORDINATES: N: 35.95206 E: 79.53048

FACILITY CONTACT NAME AND PHONE NUMBER:

Kent and Brenda Coble, Owners
 w. 336-565-4750
 f. 336-565-4752
 c. 336-264-4890 – Kent
 c. 336-264-4893 – Brenda
brendalcoble@bellsouth.net

FACILITY CONTACT ADDRESS:

Kent and Brenda Coble
 Coble's Sandrock, Inc. C&D Landfill
 5833 Foster Store Road
 Liberty, NC 27298

PARTICIPANTS

John Patrone, NCDENR – Solid Waste Section (SWS)
 Kent Coble, Owner/Operator
 Brenda Coble, Owner/Secretary

STATUS OF PERMIT:

Permit To Operate (PTO) Phase 2 and Phase 3A issued April 29, 2011
 Permit To Construct (PTC) Phase 3B issued in conjunction with PTO
 PTO expiration date is January 30, 2014

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

None

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OBSERVED VIOLATIONS

15A North Carolina Administrative Code (NCAC) 13B .0542(f)(1) states that "... the owners and operators of all C&DLF units must cover the solid waste with six inches of earthen material when the waste disposal area exceeds one-half acre and at least once weekly..."

The facility is in violation of 15A NCAC 13B .0542(f)(1) in that solid waste being relocated from adjacent Phases 1A and 2B into Phase 3A is an acre in size and has not been covered with soil. The facility shall ensure that solid waste is covered with six inches of soil when the waste disposal area exceeds on-half acre and at least once weekly. The facility shall comply with the aforementioned within 30 days of receipt of the accompanying Warning Letter.

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.

ADDITIONAL COMMENTS

On September 12, 2011, John Patrone met with Kent and Brenda Coble to conduct a comprehensive audit of the Coble's Sandrock, Inc. Construction and Demolition Debris Landfill on Foster Store Road in Liberty, Alamance County.

1. The facility permit approves the operation of Phase 2 and Phase 3A. And the construction of Phase 3B, with conditions (see facility permit, Attachment 2 – Conditions Of Permit To Construct).
2. Construction and demolition (C&D) debris is currently being accepted into Phase 3A.
3. Excess material from Phase 1 and 2 is being placed into Phase 3A.
4. Mr. Coble stated that construction of Phase 3B has not begun. Mr. Coble was reminded that prior to construction of Phase 3B, a pre-operative meeting must be held with the SWS.
5. The facility is permitted to receive C&D debris, inert debris, land clearing debris (LCD), and (used) asphalt.
6. The facility is permitted to receive wastes from Alamance, Cabarrus, Caswell, Chatham, Davidson, Forsyth, Greene, Guilford, Lee, Orange, Randolph, Rockingham, and Wake Counties.
7. The facility service area is located up to 25 miles from the landfill, although existing customers located outside the 25 mile radius are grandfathered under its franchise agreement. And new customers outside the 25 mile radius may replace existing customers.
8. The facility site plan and operations plan were discussed.
9. The following are facility certified personnel:
 - a. Kent Coble, Certified Landfill Operations Specialist, No. LF-2000113, exp. 12/13/12
 - b. Brenda Coble, Certified Landfill Operations Specialist, No. LF-20100327, exp. 03/19/13
 - c. Tonya Brewer, Certified Landfill Operations Specialist, No. LF-20100328, exp. 06/14/13
10. The facility maintains records of the amount of material received. Records for January, May, and August 2011 were verified. The facility received 782.31 tons in January, 1,131.54 tons in May, and 1,199.89 tons in August.
11. The facility annual report is dated July 15, 2011. Facility throughput for July 2010 through June 2011 is 10,104.71 tons.
12. The facility design capacity is approved for 600 TPD or 94,250 TPY based on 290 operating days (with maximum variance allotted).
13. Mr. Coble stated that he commonly covers waste material on Friday and that he records the date cover was applied on a calendar only when it is not done on a Friday. Ensure that the soil cover log indicates all of the dates and times soil cover is applied. It is suggested that a logbook be dedicated for this purpose.
14. The facility has a borrow area used to obtain soil for cover and for emergency.

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15. The facility maintains waste screening reports. The facility conducts ~ 4 waste screening per month. Records were verified for January through August 2011. Ensure that waste screening conducted is representative of 1 percent waste received.
16. The facility maintains semiannual groundwater and surface water monitoring test records conducted by Joyce Engineering, Inc. and analyzed by Pace Analytical Services, Inc. Records for April 13&14, 2011 and October 11&12 and December 13&14, 2010 were verified. An exceedance is noted for each monitoring event.
17. The facility maintains quarterly methane monitoring records. Methane monitoring is conducted by Joyce Engineering, Inc. Records for July 26, 2011 (3rd quarter), April 13, 2011 (2nd quarter), and January 24, 2011 (1st quarter) were verified. No detectable measure of methane was noted.
18. Vehicle scale test was conducted by NC Department of Agriculture & Consumer Services on July 28, 2011 – rejected and on August 4, 2011 – approved.
19. Vehicle scale repair was conducted by Central Carolina Scale, Inc. on August 1, 2011 – calibrated and adjusted.
20. The facility conducts a construction debris sorting and recycling operation for cardboard, clean wood, metals, plastic, and clean concrete. Mr. Coble stated that the operation has been approved by the SWS previously but was not included in the current permit. Cardboard, metal, and plastic are stored in roll-off containers and wood and concrete are stored on site for further processing. Ensure that sorted recyclables are stored by the end of each operating day. The treatment and processing operation is listed in the facility PTO dated February 23, 2009. This operation is mentioned (but not in detail) in the facility asphalt shingle recycling operations plan. When the facility permit is updated this operation should be included.
21. Mr. Coble stated that the facility grinds stored pallets and clean wood for mulch and boiler fuel and it grinds engineered wood for boiler fuel only. And that the facility has conducted the grinding operation for ~ 10 years. During the audit there was a large pile of pallets and clean wood. No mulch was observed on site. When the facility permit is updated this operation should be included.
22. The facility has a stockpile of concrete. The concrete is to be crushed and used for facility maintenance and/or for sale. When the facility permit is updated this operation should be included.
23. The facility is permitted to conduct an asphalt shingle recovery operation. The treatment and processing operation is required to be operated in accordance with the shingle recycling operations plan. The facility began accepting asphalt shingles for recovery on May 16, 2011. Records were verified through August 18, 2011. Each trailer shipped-out weighs ~ 20 to 25 tons. The facility ships-out ~ 100 TPM. Asphalt shingles for recovery are picked-up by S.T. Wooten Corporation (the facility maintains a copy of a letter issued to S.T. Wooten Corporation from NCDHHS, Division of Public Health - Epidemiology Section, Occupational and Environmental Epidemiology Branch, dated June 3, 2011, for its recycling and grinding post-consumer asphalt roofing shingles operation.
24. Per the shingle recycling operations plan, the facility shall ensure that a sign is posted in the area the singles are stored, barriers are placed around the stored shingles, and de minimis waste sorted from the shingles be placed in a container.
25. Ensure that the hauler, not the facility, fills out the certification form on site per the shingle recycling operations plan.
26. The southern external side slope of Phases 1A and 2B, that had been recently worked, shall be graded such that water is not held and vegetative groundcover established. Mr. Coble stated that he will need ~ 1 week, once able to commence finalization of the repair, to grade appropriately and sow with grass seed.
27. The eastern and northern external side slope of Phase 1A that have been cut vertically shall be graded such that no indication of erosion or runoff is observed. Waste material protruding from the vertical cuts shall be covered with a minimum of six inches of soil.

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28. The facility had an area of uncovered waste equivalent to ~ 1 acre. Mr. Coble stated that he has been moving material from atop Phases 1A and 2B, which needs to be moved due to exceedance of landfill capacity in the phases. Material is being moved to the northern area of Phase 3A. Mr. Coble stated that he has been moving ~ 1 acre of material at a time in order that he could spread it out accordingly, cover, and grade at one time. And considering an acre of waste not graded appropriately would require numerous applications of cover material and increased cost, has not been applying a soil cover.
29. Mr. Coble stated that at a minimum he would need ~ 20 days to spread out all the material needed to be moved, cover, and grade appropriately. And that he would need an additional 30 days to grade accordingly (to ensure proper slope and soil cover atop solid waste) the vertical cuts in the external side slope of Phase 1A.
30. There was no indication of erosion or runoff.
31. The edge of waste is designated by yellow posts.
32. No windblown material was observed.
33. The facility has an all-weather access road.
34. The facility is secured by a locked gate.
35. The facility has proper signage.
36. The permit expiration date is January 30, 2014.
37. Permit renewal application should be submitted to the SWS by September 30, 2013.

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



John Patrone
 Environmental Senior Specialist
Regional Representative

Phone: 336-771-5095 Fax: 336-771-4631

Sent on: <u>September 27, 2011</u>		Email	X	Hand delivery		US Mail		Certified No. []
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- Copies:
- Mark Poindexter, Branch Head
 - Dennis Shackelford, Eastern District Supervisor
 - Shawn McKee, Compliance Officer
 - Geof Little, Permit Engineer
 - Ervin Lane, Compliance Hydrogeologist

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Digital Photographs taken September 12, 2011
by John Patrone, DWM-SWS

Southern external side slope of Phase 2A in need of
Appropriate grade and vegetative cover



Southern external side slope of Phase 1A in need of
appropriate vegetative cover



Eastern external side slope of Phase 1A vertical cut
requiring appropriate grade and cover material



Asphalt single recycling storage requiring a sign, barrier,
and container for de minimis waste



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Northern section of Phase 3A: working face, lower level and acre of uncovered relocated solid waste, upper level



Northern section of Phase 3A: acre of uncovered relocated solid waste



Northern section of Phase 3A: close view of acre of uncovered relocated solid waste



Prior to landfill area: stored pallets and clean wood to be ground

