



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

UNIT TYPE:											
Lined MSWLF		LCID		YW	<input checked="" type="checkbox"/>	Transfer		Compost		SLAS	<b>COUNTY: Alamance</b> <b>PERMIT NO.: 01-05</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration		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:** May 29, 2015

**Date of Last Inspection:** July 9, 2014

**FACILITY NAME AND ADDRESS:**

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

**GPS COORDINATES:** N: 35.95332 E: -79.53027

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Kent and Brenda Coble, Owners/Operators  
 w. 336-565-4750  
 f. 336-565-4752  
 c. 336-264-4890 – Kent  
 c. 336-264-4893 – Brenda  
[brendalcoble@bellsouth.net](mailto:brendalcoble@bellsouth.net)

**FACILITY CONTACT ADDRESS:**

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

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Kent Coble, Owner/Operator - Coble's Sandrock, Inc.  
 Brenda Coble, Owner/Secretary - Coble's Sandrock, Inc.  
 Deanna Coble Martin, Scale House Operator - Coble's Sandrock, Inc.

**STATUS OF PERMIT:**

Permit To Operate (PTO) Phase 2 and Phase 3A issued January 20, 2012  
 Permit To Construct (PTC) Phase 3B issued in conjunction with PTO  
 PTO expiration date is January 30, 2014 [permit renewal under review by SWS]

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS**

None

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**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.

**ADDITIONAL COMMENTS**

On May 29, 2015, John Patrone met with Kent and Brenda Coble and Deanna Coble Martin to conduct a comprehensive inspection of the Coble's Sandrock, Inc. C&D Landfill on Foster Store Road in Liberty, Alamance County.

**Construction and Demolition Debris Landfill**

1. The facility is a construction and demolition debris (C&D) landfill.
2. The facility permit approves the operation of Phase 2 and Phase 3A and the construction of Phase 3B.
3. The facility permit, site plan, and operations plan were discussed.
4. The facility is in operation Monday through Thursday 7:30 am – 4:30 pm and Friday 7:30 am – 12:00 pm. The facility may operate on Saturday if required.
5. Construction is to commence on Phase 3B, the area had been used to mine soil.
6. Ensure Attachment 2 – Conditions of Permit to Construct are met prior to operation of Phase 3B.
7. The facility is accepting C&D in Phase 3A.
8. 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 franchise agreement. New customers outside the 25 mile radius may replace existing customers.
9. The facility commonly receives material from: Alamance, Chatham, Guilford, Orange, Randolph, and Rockingham Counties.
10. The facility is permitted to receive C&D, inert debris, land clearing debris (LCD), and (used) asphalt.
11. The facility shall not accept yard trash.
12. The following are facility certified personnel:
  - a. Brenda Coble, Certified Landfill Operations Specialist, No. LF-2000112, exp. 12/13/15
  - b. Deanna Coble Martin, Certified Landfill Operations Specialist, No. LF-2013072, exp. 11/07/16
  - c. Timothy E. Jackson, Certified Landfill Operations Specialist, No. LF-2015015, exp. 03/24/18
13. The facility conducts  $\geq 4$  waste screening a month. Waste screening records were verified for January 2, 2015 through May 26, 2015.
14. The facility maintains a record of the amount of material received. The facility received 11,533 tons of C&D for disposal from July 2014 through May 29, 2015 (time of inspection). Monthly records for November 2014 and February 2015 were reviewed. The facility maintains a record of the amount of recyclable material obtained.
15. The facility annual report (FAR) dated July 14, 2014 was received by SWS. Tonnage received July 2013 through June 2014 is 11,046.38.
16. Vehicle scale test was conducted by Central Carolina Scale, Inc. on May 7, 2015. Zero error noted.
17. Vehicle scale test was conducted by North Carolina Department of Agriculture & Consumer Services on February 11, 2015. It was approved.
18. The facility installed an outdoor vehicle scale display unit.
19. Phases 1A, 2A, and 2B are at final contour.
20. Ensure erosion rills along the landfill cap are repaired accordingly.
21. The facility shall cover solid waste with six-inches of soil when the waste disposal area exceeds one-half acre and at least once weekly. Solid waste shall not be visible when covered.

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22. The facility maintains a weekly soil cover log. The date and time (am or pm) is recorded on a wall calendar. Records were verified for August 2014 through May 22, 2015. If the facility covers material Monday through Thursday it occurs ~ 4:30 pm, Friday at ~ 1 pm, and (if in operation) Saturday at ~ 9 am. The day of the week soil cover is applied generally depends on weather conditions.
23. The landfill footprint is designated by edge of waste markers. Edge of waste markers should be easily observable. It is suggested that vegetation is cutback accordingly.
24. 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 September 30 and October 1, 2014 were verified. An exceedance is noted. Ms. Coble stated that a semiannual groundwater and surface water monitoring test was conducted in April 2015, results pending.
25. The facility is in discussion with its consultant to repair groundwater monitoring well MW-6 accordingly (surface water intrusion into outer casing and missing identification plate). Ms. Coble stated that the concrete slab at groundwater monitoring well MW-10S has been repaired.
26. The facility maintains quarterly methane monitoring records. Methane monitoring is conducted by Joyce Engineering, Inc. A GEM2000 landfill gas monitor was used. Records for July 8, 2014 (3<sup>rd</sup> quarter), October 1, 2014 (4<sup>th</sup> quarter), February 5, 2015 (1<sup>st</sup> quarter), and April 1, 2015 (2<sup>nd</sup> quarter) were verified. Zero percent methane by volume is noted.
27. Ensure a readily accessible unobstructed path to each groundwater monitoring well and landfill gas probe is maintained and concrete slabs cleared of vegetation.
28. The landfill gas (LFG) vents atop Phases 1 and 2 each terminate with a 90° elbow. Six of the LFG vent elbows are secured to vertical vent pipes with foam sealant. The six vertical vent pipes are wider/greater diameter than the elbows. It is required that the LFG vents are constructed in conformance with permitted plans and specifications (Construction Quality Assurance Certification Report – 08/16/13).
29. The facility obtains soil from a borrow area in proposed Phase 7 and when available from off site.
30. Facility financial assurance is under discussion with SWS.
31. There is a notified LCID landfill (N0144) located near the C&D landfill. The notified LCID landfill is not located within future phases of the C&D landfill.
32. The Snow Camp Volunteer Fire Department and/or the E.M. Holt Fire Department can be contacted to address an emergency at the facility.
33. No windblown material was observed.
34. The facility has all-weather access roads.
35. The facility is secured by a locked gate.
36. The facility has a proper sign.
37. The facility permit renewal application is currently under review.

Postconsumer Recycled Asphalt Shingles

1. The facility is permitted to conduct a postconsumer recycled asphalt shingles (PRAS) operation.
2. Segregated loads of asphalt shingles are collected for recovery.
3. The PRAS operation is located at the toe of the east side slope of Phase 2B.
4. The approved area allotted for the PRAS operation is 100' x 100'.
5. The location of the PRAS operation will migrate as the landfill expands into future phases.
6. The facility maintains records for the PRAS operation. The amount of shingles shipped-out is: August 29, 2014 = 49.86 tons and December 15 & 16, 2014 = 175.22 tons. Ms. Coble stated that 31.06 tons of shingles have been received/are on site.
7. The PRAS operations plan states that each load received must be signed by the hauler declaring the source of the shingles. Certification forms were verified for September 4, 2014 through May 28, 2015.
8. Asphalt shingles are picked-up by S.T. Wooten Corporation.
9. The PRAS operation area uses boulders as barriers. Asphalt shingles are stored atop the ground.
10. A sign is posted at the PRAS operation area, spray painted on a boulder.
11. Ms. Coble stated that the amount of asphalt shingles received for the PRAS operation has declined.

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Recycled Materials Recovery

1. The facility is permitted to sort and recycle cardboard, clean wood, metals, plastic, and clean concrete and other materials identified as appropriate for recycling.
2. All recovered materials shall be stored in containers or stockpiles.
3. All non-recoverable materials in the sorting area must be properly disposed of by the end of each workday.
4. Mobile homes are deconstructed and recyclables recovered at the working face. Ms. Coble stated that three mobile homes have been accepted in the last year.
5. The facility grinds vegetative material, clean wood, and engineered wood together. It is commonly stockpiled on site until ground. Ensure only high carbon nitrogen ratio material is ground. Mr. Coble stated that mulch is sold for boiler fuel. Mr. Patrone reminded Mr. Coble that mulch containing engineered wood shall not be distributed for public use.
6. The facility ground ~ 10 tons of wood and sold ~ 1,200 tons in the last year. At the time of the inspection there was a small amount of unprocessed wood on site. All ground material has been removed/sold.
7. The facility has a large stockpile of concrete on site (much of the concrete is covered with vegetation). Ms. Coble stated that ~ 153 tons was crushed July through August 2014. All crushed concrete has been removed/sold. Mr. Coble stated that he plans to crush the concrete.
8. The facility mines an old land clearing and inert debris (LCID) landfill on site in future Phase 4. The soil is screened and used as a soil amendment for cover material at the C& D landfill. Mr. Coble stated that ~ 2/3 of the LCID landfill has been mined.
9. The facility has a pile of soil mixed with wood stored on site. Mr. Coble stated that the soil wood mix will be screened.
10. Ms. Coble stated that the facility does not plan to recover sheetrock for reuse.
11. The facility does not conduct a compost operation.
12. Ensure adequate fire lanes are maintained amidst the recycled materials recovery activities.

Temporary Disaster Debris Staging Site (TDDSS)

1. The facility has a conditionally approved temporary disaster debris staging site (TDDSS) at the landfill for C&D and vegetative material.
2. The TDDSS number is: DS01-015.
3. Three acres are allotted for the management of vegetative debris within the undeveloped C&D landfill future Phase 5.
4. The C&D will be placed in the landfill, managed according to facility permit, operations plan, and SWS rules.
5. The vegetative debris will be ground and removed for boiler fuel and/or sold as mulch.
6. The facility has a standard operating procedure (SOP) for the management of C&D and vegetative debris associated with a disaster/storm event.

Ensure the standard operating procedures for the following are updated/included in the facility operations plan:

1. Recycled materials recovery
2. Mobile home deconstruction
3. Vegetative material, clean wood, and engineered wood grinding operation
4. Concrete crushing operation
5. Old land clearing and inert debris landfill mining operation
6. Postconsumer recycled asphalt shingles operation
7. Temporary disaster debris staging site
8. Soil mixed with wood screening operation

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

Phone: 336-776-9673

John Patrone, Environmental Senior Specialist  
Division of Waste Management, NCDENR

<b>Sent on:</b> <u>June 4, 2015</u>	X	Email		Hand delivery		US Mail		Certified No. [ ]
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Electronic Copies: Deb Aja, Western District Supervisor - SWS  
Jessica Montie, Compliance Officer – SWS  
Ming-Tai Chao, Environmental Engineer – SWS  
Ervin Lane, Compliance Hydrogeologist - SWS

Digital pictures taken May 29, 2015  
by John Patrone, DWM-SWS

Working face – view from rear area



Working face – left side



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Area atop Phases 1A and 2B



LFG vent w/foam sealant – representative



Phase 2B external side slope (east) and PRAS operation



Phase 1A external side slope (west)



Phase 2B external side slope (west)



Phase 2B external side slope (west) – erosion rills



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Concrete stockpile



Vegetative material stockpile



Soil mixed with wood stockpile



Scale house with outdoor vehicle scale display unit

