



Waste Management
ENVIRONMENTAL QUALITY

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

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

Date of Site Inspection: May 25, 2016

Date of Last Inspection: May 29, 2015

FACILITY NAME AND ADDRESS:

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

GPS COORDINATES: N: 35.95332 W: -79.53027

FACILITY CONTACT NAME AND PHONE NUMBER:

Kent and Brenda Coble, Owners/Operators
w. 336-565-4750
c. 336-264-4890 – Kent
c. 336-264-4893 – Brenda
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)
Deb Aja, Western District Supervisor - SWS
Ervin Lane, Compliance Hydrogeologist – 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) Phases 1, 2, and 3A issued February 8, 2016
Permit To Construct (PTC) Phase 3B issued in conjunction with PTO
PTO expiration date September 2, 2019

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

None

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 5

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 25, 2016, John Patrone, Deb Aja, and Ervin Lane 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.

1. The facility is a construction and demolition debris (C&D) landfill. It also has a postconsumer recycled asphalt shingles (PRAS) operation, a recycled materials recovery operation, a mobile home deconstruction operation, and a wood grinding operation (producing mulch from land clearing debris [LCD] and boiler fuel from engineered woods). Additionally, concrete is crushed, soil mixed with wood is screened, and an old land clearing and inert debris (LCID) landfill, in future Phase 4, is mined.
2. The facility permit approves the operation of Phase 1, 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 Friday 7:30 am – 4:30 pm.
5. Construction is expected to commence on Phase 3B by the end of summer 2016, the area has 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. Mr. Coble stated that Phases 1A, 2A, 2B, and 1 acre of 3A are at final contour.
9. The facility service area is located up to 25 miles from the landfill. Existing customers located outside of the 25 mile radius are grandfathered under the franchise agreement. New customers outside of the 25 mile radius may replace existing customers.
10. The facility commonly receives material from: Alamance, Chatham, Guilford, Orange, Randolph, and Rockingham Counties.
11. The facility is permitted to receive C&D, inert debris, LCD, and (used) asphalt.
12. The facility shall not accept yard trash.
13. The following are facility certified personnel:
 - a. Brenda Coble, Certified Landfill Operations Specialist, No. LF-2000112, exp. 12/13/18
 - 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
14. The facility conducts ≥ 4 waste screenings a month. Waste screening records were verified for January 8, 2016 through May 15, 2016.
15. The facility maintains a record of the amount of material received. The facility received 14,327.58 tons of C&D from July 1, 2015 through May 24, 2016.
16. The facility annual report (FAR) dated July 21, 2015 was received by the SWS. Tonnage received July 2014 through June 2015 is 9,954.39.
17. The facility maintains a record of the amount of recyclable materials hauled-off. Records for January 25, 2015 through May 24, 2016 were verified. The amount hauled-off of cardboard is 9.08 tons, boiler fuel is 248.05 tons, scrap metal is 67.91 tons, and mulch is 187.58 tons. Postconsumer recycled asphalt shingles have not been hauled-off during this time period.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 5

18. The amount of recyclable materials on site is estimated to be: 500 tons of scrap metal, 75 tons of mulch and 25 tons of unprocessed LCD, and 300 tons of crushed concrete. Mr. Coble stated that concrete stored on site will be crushed routinely over the next few months.
19. A vehicle scale test was conducted by Central Carolina Scale, Inc. on March 15, 2016.
20. A vehicle scale test was conducted by North Carolina Department of Agriculture & Consumer Services on February 11, 2015.
21. The facility has an outdoor vehicle scale display unit.
22. 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.
23. The facility maintains a weekly soil cover log. The date and time is recorded on a wall calendar. Records were verified for January 8 through May 19, 2016. The day of week soil cover is applied generally depends on weather conditions.
24. 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.
25. 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 1-2, 2015 and October 7-8, 2015 were verified. An exceedance is noted for each monitoring event. It was stated that a semiannual groundwater and surface water monitoring test was conducted in April 2016 and that the results are pending.
26. During the 2015 inspection, groundwater monitoring well MW-6 had surface water intrusion into the outer casing and was missing the identification plate. It has been repaired/updated accordingly.
27. The facility maintains quarterly methane monitoring records. Methane monitoring is conducted by Joyce Engineering, Inc. Records for April (2nd quarter) 2016, February (1st quarter) 2016, October (4th quarter) 2015, July (3rd quarter) 2015, April (2nd quarter) 2015, and February (1st quarter) 2015 were verified. No detections of methane noted.
28. The landfill gas (LFG) vents atop Phases 1 and 2 each terminate with a 90° elbow. The facility has updated the six vertical vent pipe elbows, required to be updated, to the appropriate size.
29. The facility obtains soil from a borrow area in proposed Phase 7 and when available from off site.
30. The facility PRAS operation is located at the toe of the east side slope of Phase 2B.
31. Asphalt shingles are picked-up by S.T. Wooten Corporation. However, Mr. Coble stated that the facility may contract with another company in the near future.
32. The facility maintains certification forms for the PRAS operation. Certification forms were verified for July 7, 2015 through April 14, 2016.
33. Mr. Coble stated that the mining operation conducted at the old LCID landfill in future Phase 4 is near completion.
34. Ms. Coble stated that the facility has accepted 10 mobile homes in the past 12 months.
35. The facility has a conditionally approved temporary disaster debris staging site (TDDSS) at the landfill for C&D and vegetative material. The TDDSS number is: DS01-015.
36. Three acres are allotted for the management of vegetative debris within the undeveloped C&D landfill future Phase 5. The facility shall maintain an adequate buffer around groundwater monitoring well MW-6.
37. Demolition debris will be placed in the landfill, managed according to the facility permit, operations plan, and the SWS rules.
38. The vegetative debris stored in future Phase 5 will be ground and removed for mulch/boiler fuel.
39. Facility financial assurance is up to date.
40. The facility has installed wooden posts and fencing encompassing an area of ~ 2.4 acres atop the landfill cap of Phase 1 (primarily, the rear external side slope) in order to graze livestock. Mr. Coble stated that he intends to graze goats along the side slope area as it is difficult to access with machinery.
41. The Snow Camp Volunteer Fire Department and/or the E.M. Holt Fire Department can be contacted to address an emergency at the facility.
42. No windblown material was observed.
43. The facility has all-weather access roads.
44. The facility is secured by a locked gate.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 5

- 45. The facility has a proper sign.
- 46. The facility permit expiration date is September 2, 2019.
- 47. The facility permit renewal application shall be submitted to the SWS by June 9, 2018.

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, NCDEQ

Sent on: June 2, 2016	X	Email		Hand delivery		US Mail		Certified No. []
-----------------------	---	-------	--	---------------	--	---------	--	-------------------

Electronic Copies: Deb Aja, Western District Supervisor - SWS
 Jessica Montie, Compliance Officer - SWS
 Ervin Lane, Compliance Hydrogeologist - SWS
 Ming-Tai Chao, Environmental Engineer – SWS

Digital pictures taken May 25, 2016
 by John Patrone, DWM-SWS

C&D landfill working face (Phase 3A)



Phase 1A rear external side slope and purposed livestock grazing area



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 5 of 5

Landfill gas vents with 90° elbow and livestock fence atop landfill cap



Groundwater well MW-6 repair/upgrade



Concrete shear for excavator – prepares concrete for crusher



Sheared/prepared concrete

