



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 5, 2013 **Date of Last Inspection:** July 31, 2012

FACILITY NAME AND ADDRESS:

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

GPS COORDINATES: N: 35.95333 E: -79.53138

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 - Coble's Sandrock, Inc. C&D Landfill
 Brenda Coble, Owner/Secretary - Coble's Sandrock, Inc. C&D Landfill

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

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 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 5, 2013, John Patrone met with Kent and Brenda Coble to conduct a comprehensive inspection of the Coble's Sandrock, Inc. C&D Landfill on Foster Store Road in Liberty, Alamance County.

C&D 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 with construction conditions (see facility permit, Attachment 2 – Conditions of Permit to Construct).
3. To date, construction has not commenced on Phase 3B.
4. The facility permit, site plan, and operations plan were discussed.
5. The facility is in operation Monday through Thursday 7:30 am – 4:30 pm and Friday 7:30 am – 12:00 pm.
6. The facility is currently accepting C&D in Phase 3A.
7. The facility is permitted to receive C&D, inert debris, land clearing debris (LCD), and (used) asphalt.
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. And new customers outside the 25 mile radius may replace existing customers.
9. Last fiscal year the facility accepted solid waste from: Alamance, Chatham, Durham, Guilford, Orange, Randolph, and Rockingham Counties.
10. The facility shall not accept yard trash for disposal.
11. The following are/will be facility certified personnel:
 - a. Kent Coble, Certified Landfill Operations Specialist, No. LF-2000113, exp. 12/13/12 - to attend landfill operator training/obtain recertification fall 2013
 - b. Brenda Coble, Certified Landfill Operations Specialist, No. LF-2000112, exp. 12/13/15
 - c. Deanne Martin - to attend landfill operator training to obtain certification fall 2013
12. The facility conducts ≥ 4 waste screening a month (at least one vehicle per week). Waste screening records were verified for January 22 through September 3, 2013.
13. The facility design capacity is approved for 600 TPD or 94,250 TPY based on 290 operating days.
14. The facility maintains records of the amount of material received. Records were verified for material received August 2013 = 1,714.76 tons (includes material separated for recycling).
15. The facility annual report (FAR) was received by SWS on July 23, 2013. Tonnage received July 2012 through June 2013 is 9,353.22.
16. Vehicle scale test was conducted by Central Carolina Scale, Inc. on July 27, 2012. It was repaired and adjusted.
17. Vehicle scale test was conducted by NC Department of Agriculture & Consumer Services on February 21, 2013. A finding of zero error is noted.
18. The facility has graded Phases 1A and 2B to final contour. Phase 2A requires additional final contour determination.
19. The landfill appeared to contain adequate soil cover. Mr. Coble was asked to repair erosion rills due to recent rains.
20. The facility shall cover solid waste with six-inches of soil weekly and when the disposal area exceeds one-half acre.

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21. Ensure C&D along the road bank leading up to the working face is removed or covered with soil.
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 January through August 2013. If the facility covers material Monday through Thursday it occurs ~ 4:30 pm, Friday at ~ 1 pm, and Saturday at ~ 9 am. The day of the week soil cover is applied generally depends on weather conditions.
23. The facility has edge of waste markers, designated by yellow metal stakes.
24. Facility financial assurance is currently under review.
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, 2013 and October 8 & 9, 2012 were verified. An exceedance is noted for both monitoring events.
26. The facility maintains quarterly methane monitoring records for monitoring wells GP-1 through GP-4. Methane monitoring is conducted by Joyce Engineering, Inc. A GEM 2000 landfill gas monitor was used, calibrated within a year of each monitoring event. Records for August 2, 2013 (3rd quarter), April 1, 2013 (2nd quarter), January 7, 2013 (1st quarter), and October 9, 2012 (4th quarter) were verified. No detectable measure of methane is noted.
27. The facility has installed landfill gas (LFG) vents atop Phases 1A and 2B.
28. Ensure that groundwater wells and methane monitoring wells are readily accessible.
29. The facility obtains soil from a borrow area adjacent to proposed Phase 3B and when available from off site.
30. The Snow Camp and/or E.M. Holt Volunteer Fire Departments will address an emergency at the facility.
31. No windblown material was observed.
32. The facility has an all-weather access road.
33. The facility is secured by a locked gate.
34. The facility has proper signage.
35. The permit expiration date is January 30, 2014.
36. Permit renewal application is currently under review.

Asphalt Shingle Recovery (T&P Operation)

1. The facility is permitted to collect asphalt shingles for recovery. The treatment and processing (T&P) operation is required to be conducted in accordance with the asphalt shingle recycling operations plan, approved by the SWS on April 29, 2011.
2. The T&P operation is located in Phase 3A. The asphalt shingle recovery (ASR) operation should be relocated as the facility is currently placing C&D in Phase 3A.
3. The approved area allotted for the ASR operation is 100' x 100'.
4. The facility maintains records of the amount of asphalt shingles received and shipped-out. Records were verified for material received from January 7 through August 26, 2013. Material shipped-out from July 2012 through June 2013 is 1,736.19 tons.
5. The asphalt shingle recycling operations plan states that each load received must be signed by the hauler declaring the source of the shingles. Certification forms were verified.
6. Asphalt shingles are picked-up by S.T. Wooten Corporation (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 is on file).
7. Asphalt shingles are picked-up every 2 or 3 months. Tonnage hauled-off for August 2013 is 314.90.
8. The facility stores asphalt shingles atop soil/on the ground. Appropriate barriers should be placed around the asphalt shingle recovery area. The operations plan states that Jersey barriers will be placed around three sides of the area.
9. A sign is posted at the asphalt shingle recovery area.
10. Waste material sorted from the shingles is placed in a loader and brought to the working face at the end of each workday.

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Recycled Materials Recovery (T&P Operation)

1. The facility is permitted to sort and recycle cardboard, clean wood, metals, plastic, and clean concrete for recovery. All recovered materials must be sorted and securely stored by the end of each workday. All non-recoverable materials in the sorting area must be properly disposed of by the end of each workday.
2. The facility has a stockpile of scrap metal.
3. The facility has a stockpile of clean wood. Mr. Coble stated that he plans to grind it by ~ November 2013.
4. The facility grinds engineered wood for boiler fuel. Ensure this activity is added to the permit/operations plan.
5. The facility has a large stockpile of concrete. Mr. Coble stated that he plans to crush the concrete by ~ January 2014.
6. When the facility permit is renewed/modified the operations plan should include operating procedures for the grinding and crushing activities.
7. The facility operations plan states that mobile homes are deconstructed at the working face.

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



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

John Patrone
 Environmental Senior Specialist
Regional Representative

Sent on: <u>September 9, 2013</u>	X	Email		Hand delivery		US Mail		Certified No. []
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Copies: Jason Watkins, Western District Supervisor
 Sarah Rice, Compliance Officer
 Geof Little, Permitting Engineer
 Ervin Lane, Compliance Hydrogeologist
 Elizabeth Werner, Permitting Hydrogeologist

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Digital pictures taken September 9, 2013
by John Patrone, DWM-SWS

Working face, rear portion of Phase 3A



Debris at road bank – remove or cover with soil



Landfill gas vents atop Phases 2B and 1A



Asphalt shingle recovery area, 3-sided barrier required



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Exterior side slope – Phase 2B, east side



Exterior side slope – Phase 1A, east side - to repair rills



Stored concrete and wood area – material to be ground



Soil borrow area

