



FACILITY COMPLIANCE AUDIT 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		
CDFL	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: 06/07/10**Date of Last Audit:** 2/11/10**FACILITY NAME AND ADDRESS:**

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

GPS COORDINATES: **N:** 35.94834**E:** -79.52440**FACILITY CONTACT NAME AND PHONE NUMBER:**

Kent Coble 336-565-4750

FACILITY CONTACT ADDRESS:

Same

AUDIT PARTICIPANTS:

Kent Coble, Coble's Sandrock
 Brenda Coble, Coble's Sandrock
 Chris Marriott, NCDENR

STATUS OF PERMIT:

Permit to Operate: September, 30, 1998
 Permit Modified: April 4, 2000 (Area Certification)
 Permit Modified: August 29, 2000 (Area Certification)
 Permit Modified: January 24, 2002 (adding 1.15 acres to the existing 5.85 acre footprint, increasing the finished landfill slopes from 4:1 to 3.5:1, increasing final elevations, and inclusion of Treatment and Processing)
 Permit to Construct: May 20, 2003 (Phase 2)
 Permit to Operate: January 30, 2004 (Phase 2, Cell A)
 Permit Modified: October 1, 2004 (Phase 2, Cell B)
 Permit to Construct: January 30, 2009 (Phase 3A&B)
 Permit to Operate: February 23, 2009 (continued operation of Phases 1 & 2)

Permit Expiration Date: **January 30, 2014****PURPOSE OF AUDIT:**

Partial audit – Complaint/Fire investigation

NOTICE OF VIOLATION(S):

15A North Carolina Administrative Code 13B .0542(i)(4) requires that "Fires and explosions that occur at a C&DLF require verbal notice to the Division within 24 hours and written notification within 15 days. Written notification must include the suspected cause of fire or explosion, the response taken to manage the incident, and the action(s) to be taken to prevent the future occurrence of fire or explosion".

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 2

On June 7, 2010 at approximately 8:06 AM, Chris Marriott, regional Environmental Senior Specialist, received a phone call from Kent Coble, owner/operator of the landfill facility. Mr. Coble was calling to report the fire that had occurred on June 5, 2010. Mr. Coble said that the fire covered an area approximately 50ft. by 75 ft.; it was covered with dirt and put out. He also said that the fire department was called. The fire department upon seeing the actions of the landfill staff deemed that the fire was under control and did not take any actions to extinguish the fire.

At approximately 10:15 AM, Chris Marriott arrived at the facility as a follow up to the reported fire. Through discussions with Kent Coble it was determined that the fire at the landfill was noticed at approximately 3:00PM on Saturday June 5, 2010. **Due to the length of time (approximately 41 hours) that passed between the fire's discovery and the phone call by the operator to report the fire, Coble's Sandrock, Inc. is in violation of 15A NCAC 13B .0542(i)(4) for failing to report the fire within 24 hours.**

In order to achieve compliance with 15A NCAC 13B .0542(i)(4), the facility should:

- 1) **Submit a Fire Occurrence Notification to Chris Marriott at the Winston-Salem Regional Office by Sunday June 20, 2010. The Fire Occurrence Notification can be found on the Solid Waste Section's portal page located here: http://portal.ncdenr.org/c/document_library/get_file?uuid=18760b57-0f71-464e-b89f-cf4790caa65f&groupId=38361. Please be sure to include the responding fire department's report with your submittal. When completing the "plan of actions to prevent future incidents" (bottom block of notification form) feel free to submit additional sheets if necessary.**
- 2) **Update the facility Contingency/Emergency Plan to state that in the event of an emergency (fire, explosion, etc.) the facility will notify the Solid Waste Section within 24 hours. This update should include the phone number/s for the verbal notification.**

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. For the violation(s) noted here, 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.

STATUS OF PAST NOTED VIOLATIONS:

None

AREAS OF CONCERN AND COMMENTS:

- 1) On June 5, 2010 at 5:24PM Ming Chao, Permit Engineer, in the Solid Waste Section (the Division of Waste Management) received an email from a neighbor of Coble's Sandrock C&D Landfill. A second email was received by Jason Watkins, Central District Supervisor, regarding a fire at 2:44PM on June 6, 2010. The emailed complaint received on June 6, 2010 indicated that explosions and fire had been ongoing for five days. Kent and Brenda Coble indicated that on Friday June 4, 2010 there was no fire when the facility closed at Noon and they were not aware of any explosions. Kent remained at the landfill that afternoon as they were accepting fill/cover dirt from NC DOT. Kent indicated that this hauling project began on Wednesday June 2, 2010. It is expected that the reported 'explosions' may have been the echo of the top swing tailgates of the dump-trucks as they slammed against the truck bed when emptying their loads.
- 2) Kent indicated that he periodically checked the area for signs of combustion overnight Saturday and throughout the day on Sunday. At approximately, 3:00AM Sunday June 6, he noticed a glowing area and proceeded to cover the spot with an additional 2 loader buckets of soil.
- 3) No evidence of a fire (odors, smoke, charred material) was noticeable at the facility at the time of this inspection.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 3

- 4) The dirt hauled in by the NC DOT was utilized as the cover material to help extinguish the fire on June 5, 2010. The remaining piles are pictured here:



- 5) An area measuring about 50 ft. by 75 ft. was covered with soil. The cover soil appeared to be at least 1 foot thick. This area is pictured below:



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

- 6) The area on the north edge of the emergency fire cover needs additional soil cover (pictured below). The waste seen in the center and left edge of the picture should be covered as soon as possible. The soil cover placed over the fire area also needs to be addressed to smooth out so that water runs off the area and does not pond over the waste.



- 7) The working face was about a half acre in size and spread in a thin layer about 12-18 inches thick. Kent indicated that the thinness of the lift was because he thought he was close to the final elevation of the cell. Kent was reminded of the cover requirements of 15A NCAC 13B .0542(f)(1) requiring cover when the working face exceeds a half acre area.
- 8) The landfill has edge of waste markers installed. A survey crew was working at the facility during this inspection and was marking the permitted waste boundary and elevation. The surveyor's stakes indicated that the edge of waste markers were inside the permitted waste footprint in all locations, and up to 15-20 feet inside the permitted boundary in the southern corner. The current fill elevation was around 20-25 feet from final elevations.
- 9) Blowing litter was under control at the time of this inspection.

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

Chris Marriott
 Environmental Senior Specialist
Regional Representative

Phone: 336-771-5090

Delivered on : <u>June 9, 2010</u> by		Hand delivery		e-mail	X	Certified No. <u>[7009 2250 0004 1084 4215]</u>
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cc: Mark Poindexter, Field Operations Branch Head
 Jason Watkins, Central District Supervisor
 Donald Herndon, Compliance Officer