



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF	LCID	X	YW	Transfer	Compost	SLAS	COUNTY: Chatham PERMIT NO.: 19-09 FILE TYPE: COMPLIANCE
Closed MSWLF	HHW		White goods	Incin	T&P	FIRM	
CDLF	Tire T&P / Collection		Tire Monofill	Industrial Landfill	DEMO	SDTF	

Date of Site Inspection: September 30, 2013 **Date of Last Inspection:** December 6, 2012

FACILITY NAME AND ADDRESS:

Stone Company LLP LCID Landfill
 Big Woods Road
 Chapel Hill, NC 27517

GPS COORDINATES: N: 35.80272 E: -79.03011

FACILITY CONTACT NAME AND PHONE NUMBER:

Alan Stone, President
 Alan Stone Excavating, Inc.
 w&h. 919-240-5871
 c. 919-971-0918
alanrocs@gmail.com

FACILITY CONTACT ADDRESS:

Alan Stone, President
 Alan Stone Excavating, Inc.
 5180-A Big Woods Road
 Chapel Hill, NC 27517

PARTICIPANTS

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)
 Alan Stone, President - Stone Company LLP

STATUS OF PERMIT:

Permit To Operate (PTO) issued May 28, 2010
 Permit To Construct (PTC) issued in conjunction with PTO
 PTO expiration date May 28, 2015
 PTC expiration date November 28, 2010

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 30, 2013, John Patrone met with Alan Stone to conduct a comprehensive inspection of the Stone Company LLP LCID Landfill on Big Woods Road in Chapel Hill, Chatham County.

1. The facility is a land clearing and inert debris (LCID) landfill.
2. The facility entrance is located on Rock Hill Drive, on the right. Rock Hill Drive is a gravel road off of Big Woods Road.
3. The facility is a permitted LCID landfill. Prior to its operation material was placed in an adjacent notified LCID landfill - N0612 that has been incorporated into, and subject to all provisions, of this permit.
4. The LCID landfill is permitted to be 4 acres with total gross capacity of 106,149 yd³ (~51,844 yd³ in the existing landfill area and ~ 54,305 yd³ allotted to the landfill expansion).
5. The facility permit, site plan, and operations plan were discussed.
6. The facility is owned and operated by Alan Stone.
7. The facility is open (warmer months) Monday through Friday 7:30 am to 5:00 pm and (cooler months) 7:30 am to 4:00 pm.
8. The facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, uncontaminated soil, inert debris, and (used) asphalt from Chatham County.
9. The facility estimates the following regarding material received: single axle truck = 4 tons LCD/8 tons soil, tandem axle truck = 5 tons LCD/10 tons soil, tri-axle truck = 6 tons LCD/12 tons soil, and a tractor trailer = 7.5 tons LCD/15 tons soil.
10. The facility maintains daily records of origin of load and the amount of material received. Records were verified for January through September 30, 2013 (time of inspection). The amount of material received – land clearing debris (LCD) is: 2,080 tons.
11. The facility also receives clean soil, stockpiled for cover material at the north-west edge of the landfill. The amount of soil accepted from January through September 30, 2013 (time of inspection) is: 1,423 tons.
12. The facility annual report (FAR) was received by the SWS on July 31, 2013. It is estimated that the facility commonly receives 100+ tons of LCD a week (48 wk. /yr.).
13. Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first.
14. Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
15. Edge of waste markers have been installed along the 2-acre expansion area. Ensure edge of waste markers are installed around the preexisting landfill area. Mr. Stone stated that the preexisting landfill (west side slope) is ~ 100' from the designed edge of waste. The preexisting LCID fill area is bordered (in part) by a gravel access road.
16. Mr. Stone stated that the 2-acre expansion area is filled laterally, such that the exterior side slope is benched. When an area is near completion fill material (commonly soil) is added to the benched area such that the exterior side slope is uniform and graded as a continual side slope.
17. A lower portion of the 2-acre expansion side slope (east side slope) has a vegetative layer of grass. Mr. Stone stated that the upper portion of the side slope will be sown with grass seed.
18. Excavation, grading, and fill material side slopes must not exceed a ratio of three horizontal feet to one vertical feet (3:1).

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19. The North Chatham Fire Department will address an emergency at the facility.
20. The vegetative layer of the landfill cap is mowed annually. Ensure areas in need of maintenance are mowed.
21. There was no indication of erosion or runoff. Mr. Stone stated that the sediment basins are scheduled for maintenance.
22. Access roads are of all-weather construction.
23. The facility has proper signage. ASE (Alan Stone Excavating) Landfill is the facility name on the sign.
24. Ensure permanent, easily visible, lettering is used for signage.
25. An attendant is on duty when the facility is open to the public.
26. The facility is secured by a metal cable with padlock.
27. Mr. Stone stated that he would like to expand the landfill in the future. If so, ensure Geof Little, SWS-Environmental Engineer: 919-707-8252 is contacted.
28. The PTO expiration date is May 28, 2015.
29. The facility permit renewal application should be submitted to SWS six-months prior to permit expiration.

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>October 2, 2013</u>	<input checked="" type="checkbox"/>	Email		Hand delivery	<input checked="" type="checkbox"/>	US Mail		Certified No. []
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Copies: Jason Watkins, Western District Supervisor
 Sarah Rice, Compliance Officer
 Geof Little, Environmental Engineer

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Digital pictures taken September 30, 2013
by John Patrone, DWM-SWS

Working face – view south



Working face – view north



Active area side slope – east side slope



Access road atop expanded area - towards working face

