



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: December 6, 2012 **Date of Last Inspection:** January 26, 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, NCDENR – Solid Waste Section (SWS)
 Alan Stone, Stone Company LLP - President

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 December 6, 2012, 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. A copy of the facility permit has been recorded with the Chatham County Register of Deeds, dated November 3, 2010 (Bk: 01537, Pg: 0963 – 0972).
4. The permitted LCID landfill began accepting material in September 2011. 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.
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 Monday through Friday 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 maintains daily records of origin of load and the amount of material received. Records were verified for January through November 2012. The amount of material received – land clearing debris (LCD) is: 2,493 tons.
10. 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 November 2012 is: 2,479 tons.
11. 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.
12. The facility annual report (FAR) was received by the SWS on June 26, 2012. It is estimated that the facility commonly receives 40 – 50 tons of LCD a week (operation = 46 wk/yr).
13. The LCID landfill is permitted to be 4 acres with a capacity limit of 106,149 yd³ (~51,844 yd³ in the existing landfill area and ~ 54,305 yd³ allotted to the new area).
14. Material is required to be covered with one-foot of soil monthly or when the area reaches one-acre in size, whichever occurs first.
15. Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
16. Edge of waste markers have been installed along the 2-acre expansion area. Ensure that edge of waste markers are installed around the entire LCID landfill disposal boundary.
17. Per the facility operations plan ensure that the sediment basins are maintained, the baffles and silt fence are inspected weekly and after each rainfall, and the (silt fence) burlap replaced every 60 days.
18. Mr. Stone stated that the new area of the LCID landfill is filled laterally, such that the exterior side slope is benched. When an area is near completion fill material is added to the benched area such that the exterior side slope is uniform and re-graded as a continual side slope.
19. A portion of the graded side slope has been sown with grass seed.
20. 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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- 21. The North Chatham Fire Department will address an emergency at the facility.
- 22. Mr. Stone stated that the vegetative layer of the landfill cap is mowed annually.
- 23. There was no indication of erosion or runoff.
- 24. Access roads are of all weather construction.
- 25. The facility has proper signage. ASE (Alan Stone Excavating) Landfill is the facility name on the sign.
- 26. The facility is secured by a metal cable with padlock.
- 27. The PTO expiration date is May 28, 2015.
- 28. The facility permit renewal application should be submitted to SWS by January 28, 2015.

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>December 12, 2012</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input checked="" type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. []
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Copies: Jason Watkins, Western District Supervisor
 Jessica Montie, Compliance Officer

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Digital photographs taken December 6, 2012
by John Patrone, DWM-SWS

Working face (LCD)



Exterior side slope (abutting "step" at working face)



Atop old portion of LCID landfill, view towards working face/active area



Soil stockpile area, adjacent to old portion of landfill

