



**FACILITY COMPLIANCE AUDIT REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	<b>COUNTY: Forsyth</b> <b>PERMIT NO.: 34-19 T&amp;P</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Audit:** January 27, 2010

**Date of Last Audit:** August 7, 2009

**FACILITY NAME AND ADDRESS:**

Lowder Recycling and Disposal LLC Treatment and Processing Facility  
 2840 Griffith Road  
 Winston-Salem, NC 27103

**GPS COORDINATES:** N: 36.0367 E: -80.3136

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Gene Lowder – Owner

w: 336-760-0477

f: 336-760-6640

glowder@lowderinc.com

**FACILITY (OFFICE) CONTACT ADDRESS:**

2810 Griffith Road  
 Winston-Salem, NC 27103

**AUDIT PARTICIPANTS:**

John Patrone, NCDENR – Solid Waste Section (SWS)

Gene Lowder, Owner

Marlene Oakley, Administrative Assistant

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued December 11, 2009

PTO expires December 11, 2014

**PURPOSE OF AUDIT:**

Comprehensive Audit

**NOTICE OF VIOLATION(S):**

None

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 VIOLATION(S):**

None

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**AREAS OF CONCERN AND COMMENTS:**

On January 27, 2010, John Patrone met with Gene Lowder and Marlene Oakley to conduct a comprehensive audit of the Lowder Recycling and Disposal LLC Treatment and Processing facility in Winston-Salem, Forsyth County.

1. The facility site plan and operations plan were verified.
2. The facility is a permitted Treatment and Processing (T&P) facility. It accepts land clearing debris, untreated and unpainted wood waste, and high C:N ratio yard waste. The facility produces mulch, fill dirt, and screened topsoil that are sold to the general public.
3. Fill dirt is obtained from the "leftovers" deposited from piles of land clearing debris.
4. Topsoil is collected and screened comprised of deposited "leftovers" from mulch piles.
5. Facility throughput averages ~ 100 TPM. Facility throughput of land clearing debris for July 2008 through June 2009 is 1,624.70 tons. And facility throughput for July 2009 through December 2009 is 672 tons.
6. Mr. Lowder estimates that the average landscaping truck contains ~ 0.5 tons of land clearing debris, a single axel dump truck contains ~ 4 tons, and a tandem axle dump truck contains ~ 8 tons.
7. The facility maintains temperature records of the mulch piles in order to ensure that the temperature does not exceed 110° F. The facility conducted temperature readings in June, August, and December 2009. Temperature readings were taken at three locations per windrow. All temperature readings were < 110° F.
8. During the inspection the facility had one row of land clearing debris (~ 100' x 20' x 10') and three windrows of mulch (each ~ 150' x 15' x 8'). The windrows are turned every other month or as needed (per temperature monitoring).
9. The facility maintained fire lanes between windrows.
10. Un-permitted waste is collected and separated accordingly and brought to an approved solid waste disposal facility. Scrap metal is stored on-site and sold in bulk.
11. The facility appeared to meet the required 50 foot property line buffers except at one location along the left side of the lot. A pile of mixed soil has been placed within the 50 foot buffer. Mr. Lowder - per previous conversation - was unaware that the pile was placed in the buffer area. During the inspection he stated that the pile will be screened and removed by the end of February 2010, weather permitting.
12. The rear portion of the lot is currently being used to store construction material (cement pipe, gravel, block, etc.).
13. There was no indication of soil erosion or runoff.
14. The facility is working with the Division of Water Quality to address the restoration of the stream which was piped without the facility obtaining a permit. Mr. Lowder stated that a permit has been obtained and a section of pipe will be removed.
15. The facility must post proper signage: to include facility contact information, permit number, and acceptable materials.
16. The site is secured by a gate.

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



John Patrone  
 Environmental Senior Specialist  
*Regional Representative*

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

Delivered on : <u>January 29, 2010</u> by	Hand delivery	X	US Mail	Certified No. <input type="checkbox"/>
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- cc: Mark Poindexter, Field Operations Branch Supervisor  
 Jason Watkins, Central Regional Supervisor  
 Donald Herndon, Compliance Officer  
 Michael Scott, Composting & Land Application Branch Head