



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS		COUNTY: Forsyth PERMIT NO.: 34-09 SWC FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: January 20, 2011**Date of Last Audit:** July 15, 2010**FACILITY NAME AND ADDRESS:**

Overdale Large, Type 1 Solid Waste Compost Facility
 4010 Old Milwaukee Lane
 Winston-Salem, NC 27107

GPS COORDINATES: **N:** 36.03884 **E:** -80.22554**FACILITY CONTACT NAME AND PHONE NUMBER:**

Jan McHargue, Solid Waste Administrator

w. 336-747-7310

f. 336-727-8432

janm@cityofws.org

FACILITY CONTACT ADDRESS:

City/County Utilities
 Jan McHargue, Solid Waste Administrator
 PO Box 2511
 Winston-Salem, NC 27102

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)

STATUS OF PERMIT:

Permit To Operate (PTO) issued October 6, 2010
 PTO expiration date October 6, 2015

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION:

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:

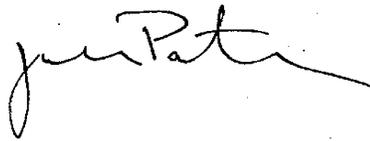
On January 20, 2011, John Patrone conducted a comprehensive audit of the Overdale Large, Type 1 Solid Waste Compost Facility on Old Milwaukee Lane in Winston-Salem, Forsyth County.

1. The facility is a Large, Type 1 Solid Waste Compost Facility. It produces compost from brush, leaves, limbs, and grass clippings and produces mulch and boiler fuel from land clearing debris (LCD), untreated and unpainted wood, and pallets.
2. The composting and grinding operations are conducted by Mike Cooke - WRICO Equipment Corporation.
3. The facility receives material from the City of Winston-Salem and Forsyth County picked-up from county residents and directly from the general public. The majority of material is brought to the site by the City.
4. Compost is given away to the public and mulch is sold as landscaping product and boiler fuel. A small amount of double-ground aged compost is sold.
5. The facility has one compost windrow. As material arrives it is stockpiled until ground and then added to the rear of the windrow. Facility personnel add material at one end and take compost from the other. The windrow is turned as material is re-positioned forward. Much of the compost is double-ground prior to give-away.
6. Facility records were verified for January 2010 through January 2011 (to date). Records state that temperature readings of $\geq 131^{\circ}$ F were obtained for three consecutive days. Temperature readings are regularly taken daily due to the continual addition of material to the windrow. Temperature readings are taken at 50 foot intervals along the windrow.
7. Ensure that compost windrow thermometer annual calibration records are maintained.
8. Facility throughput of compost and mulch for July 2009 through June 2010 is 23,380.28 tons. Commonly ~ 20% of throughput material becomes compost, ~ 25% becomes mulch, and ~ 55% becomes boiler fuel.
9. The facility operational capacity is limited to 87,000 tons of yard waste and leaves received for composting per year.
10. A fire lane was maintained around the windrow.
11. The facility appeared to meet required setbacks.
12. There was no indication of erosion or runoff.
13. Buffer area vegetation adjacent to the compost windrow, along the southern side of the lot, was mowed accordingly to allow visual inspection from the edge of pavement to the chain link fence.
14. The facility has a stationary chipper used to grind LCD, untreated and unpainted wood, and pallets.
15. The 50 foot buffer area between the mulch truck load-out operation and the property line was maintained free of material.
16. A pile of split logs was stored adjacent to the LCD off-load area. Once split the logs are commonly ground. Those too large to grind are brought to the Old Salisbury Road Landfill Construction and Demolition Landfill Facility (34-12) for disposal.
17. A pile of mixed soil and LCD seconds containing municipal solid waste (MSW) was stored adjacent to the LCD off-load area. It is routinely taken to the Hanes Mill MSW Landfill Facility (34-02) for disposal.
18. WRICO Equipment Corporation personnel are on site daily.
19. The facility has proper signage.
20. The facility is secured by a locked gate and a scale house operator is on duty during business hours.
21. The facility permit expires on October 6, 2015.

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



John Patrone
Environmental Senior Specialist
Regional Representative

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Delivered on : <u>January 28, 2011</u> by		Hand delivery/e-mail	X	US Mail		Certified No. []
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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
Ed Gibson, Solid Waste Engineer – City/County Utilities