



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.: 34-23 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 25, 2011**Date of Last Audit:** July 15, 2010**FACILITY NAME AND ADDRESS:**

Forum 52 Large, Type I Solid Waste Compost Facility
 180 Northstar Drive
 Rural Hall, NC 27045

GPS COORDINATES: **N:** 36.24074 **E:** -80.296104**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)
 Aubrie Welch, Forsyth County - Environmental Health Specialist

STATUS OF PERMIT:

Permit To Operate (PTO) issued October 6, 2010
 PTO expires 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 25, 2011, John Patrone and Aubrie Welch conducted a comprehensive audit of the Forum 52 Large, Type I Solid Waste Compost Facility on Northstar Drive in Rural Hall, Forsyth County.

1. The facility is a Large, Type I Solid Waste Compost (SWC) Facility. It produces compost from leaves and grass clippings and mulch from land clearing debris. It also produces boiler fuel from wooden pallets, untreated and unpainted wood, and engineered wood products.
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. Due to the isolated location of the facility public use is limited.
4. Compost is given away to commercial businesses and brought to Reynolds Park Road SWC Facility (34-13 SWC) for public giveaway. The mulch is sold as landscaping product and boiler fuel.
5. The facility receives leaves from ~ November through February and land clearing debris from ~ April through October.
6. Windrows are formed as leaves are received. Windrows are monitored for temperature when maximum length, width, and height are achieved.
7. The windrow piles remain static for ~ 6 to 9 months and are turned as they are ground, usually in April and August.
8. During the inspection there were seven windrows, each ~ 50' to 80' x 10' x 10', and one small pile of finished compost.
9. Mr. Ed Gibson, Solid Waste Engineer – City/County Utilities, stated, via telephone conversation 01/25/11, that the facility will begin to take temperature readings at the end of February 2011.
10. The facility conducts temperature readings for three consecutive days prior to compost grinding and for three consecutive days after grinding.
11. Ensure that compost windrow thermometer annual calibration records are maintained.
12. During the inspection there was a mixed pile of pallets, untreated and unpainted wood, and engineered wood products, one row of land clearing debris (~ 70' x 40' x 15'), and seven piles of mulch.
13. Facility throughput from July 2009 through June 2010 is 9,238.03 tons.
14. Facility operational capacity is limited to 45,000 tons of yard waste, pallets (boiler fuel material), and leaves (mixed with grass clippings) per composting year.
15. Fire lanes were maintained in and around the windrows.
16. The facility appeared to meet all required setbacks.
17. There was no indication of erosion or runoff.
18. WRICO Equipment Corporation personnel are routinely on site.
19. The facility has proper signage.
20. The facility is secured by a locked gate and 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.



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

John Patrone
Environmental Senior Specialist
Regional Representative

Delivered on : <u>January 31, 2011</u> by		Hand delivery/e-mail	<input checked="" type="checkbox"/>	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
Minor Barnette, Forsyth County, Environmental Health Supervisor