NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS		COUNTY: **Forsyth**
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: **SWC-34-23**
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: October 9, 2009 **Date of Last Audit:** January 8, 2009

FACILITY NAME AND ADDRESS:
Forum 52 Large, Type 1 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 of Winston-Salem/Forsyth County Utility Commission
PO Box 2511
Winston-Salem NC 27102

AUDIT PARTICIPANTS:
John Patrone, NCDENR – Solid Waste Section (SWS)
Ed Gibson, Solid Waste Engineer – Hanes Mill Landfill
Adam Rickett, Solid Waste Operations Specialist, Hanes Mill Landfill

STATUS OF PERMIT:
Permit To Operate (PTO) issued July 26, 2005.
PTO expires August 1, 2010.

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 VIOLATIONS:
None

AREAS OF CONCERN AND COMMENTS:
On October 9, 2009, John Patrone met with Ed Gibson and Adam Rickett to conduct a comprehensive audit of the Forum 52 Large, Type 1 Solid Waste Compost Facility in Rural Hall, Forsyth County.

1. The facility is a Large, Type 1 solid waste compost (SWC) facility. It produces compost from leaves and grass and mulch from pallets and land clearing debris. Engineered wood products may be accepted but must be chipped into boiler fuel. Mr. Gibson stated that engineered wood products are not currently received at the facility. The composting and grinding operations are operated by WRICO Equipment Corporation.
2. The facility site plan was discussed and its operations plan verified.
3. The facility receives the majority of its material from Winston-Salem's city services. Due to its isolated location, public use of the facility is limited.
4. Compost is given-away to commercial businesses and the mulch is generally sold.
5. The facility receives leaves from ~ November through February and land clearing debris from ~ April through October. Leaves are ground prior to being placed into windrows and are re-ground between 4 and 6 months, prior to public give-aways in April and September. The public give-away program at Forum 52 SWC Facility is not advertised and generally caters to businesses.
6. Windrows are formed as leaves are received. When a windrow reaches its maximum length, width, and height it is monitored for temperature.
7. Facility records were verified showing that temperature readings of $\geq 131°$ F were obtained for three consecutive days. Temperature readings were taken at ~ 50 foot intervals along an upper and lower section of the windrows. The facility typically takes additional temperature readings after the windrows have been re-ground.
8. The facility has ~ 1,000 yd^3 of land clearing debris and pallets on-site in addition to a small pile of compost.
9. Facility throughput for July 2008 through June 2009 is 5,959.96 tons.
10. The facility appeared to meet all required setbacks and there was no indication of runoff or erosion.
11. The facility maintains a fire lane around the perimeter of the material on-site.
12. Proper signage was posted at the facility entrance. The site is secured by a gate and a scale house operator is on duty during business hours.

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 : October 13, 2009 **by**		Hand delivery	X	US Mail		Certified No. [ ]

cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central Regional Supervisor
Donald Herndon, Compliance Officer
Michael Scott, Composting & Land Application Branch Head