



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS	COUNTY: Forsyth PERMIT NO.: 34-21 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: June 24, 2009

Date of Last Audit: March 5, 2009

FACILITY NAME AND ADDRESS:

Dixie Classic Fairgrounds
 421 West 27th Street
 Winston-Salem, NC 27105

GPS COORDINATES: N: 36.12437 E: -80.25434

FACILITY CONTACT NAME AND PHONE NUMBER:

David Sparks – Director, Dixie Classic Fair

w. 336-727-2236

f. 336-727-2799

FACILITY CONTACT ADDRESS:

Dixie Classic Fair
 PO Box 7525
 Winston-Salem, NC 27109-7525

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)
 David Smith, Crew Coordinator & Landscape Supervisor
 (schedule inspection with Mr. Smith at w: 336-727-2236 x105 or c: 336-409-4881)

STATUS OF PERMIT:

Permit To Operate (PTO) issued July 1, 2005.
 PTO expires July 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

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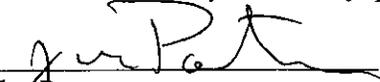
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AREAS OF CONCERN AND COMMENTS:

On June 24, 2009, John Patrone met with David Smith and conducted a comprehensive audit of the Small, Type III Solid Waste Compost facility located at 421 West 27th Street in Winston-Salem, Forsyth County.

1. The facility site plan was reviewed and its operations plan verified.
2. The facility is a Small, Type III Solid Waste Compost Facility. It produces compost from manure, straw, mulch, and scrap food-wastes generated primarily at the Dixie Classic Fair, (held annually in the fall) and from various other events held at the Lawrence Joel Veterans Memorial (LJVM) Coliseum.
3. The compost produced is used by the Winston-Salem Sports & Entertainment Complex (site where the Dixie Classic Fair is held and where the LJVM Coliseum is located) as landscape mulch and for animal bedding during events. The facility is permitted to distribute compost to the general public, however Mr. Smith stated that compost is not distributed.
4. The facility uses the static aerated compost method. After the fair, material is brought on-site and placed in six large bins, separated by cement blocks. Over a period of weeks the material is turned/mixed by moving it from one bin to another. A seventh bin, larger in size, is used for curing. Material is turned/mixed in bins 1 through 6 until it breaks-down such that it all is placed in bin No. 7. Mr. Smith stated that the majority of compost used by the facility is used as animal bedding during the Dixie Classic Fair.
5. In preparation for the Dixie Classic Fair, bin No. 7 is stockpiled, with the material collected (in bins 1 through 6) from the previous year's Fair. All of the cured material from bin No. 7 is used during the Fair. Material collected from other events, conducted after the Fair, is placed in empty bins (1 through 6), turned accordingly, and put in bin No. 7 to cure. This material is used-up prior to material from the Fair being placed in the curing bin (No. 7).
6. Mr. Smith stated that mulch is obtained in ~ 6 months time and compost is obtained in ~ 1 year.
7. Runoff from the facility is controlled by a berm built along the edge of the site.
8. Temperature records were verified. The temperature records demonstrated that the facility obtained $\geq 131^{\circ}$ F for 3 days and $\geq 104^{\circ}$ F for an additional 11 days, with an average temperature of $\geq 113^{\circ}$ F. The facility conducts temperature readings daily, for bins 1 through 6.
9. Testing records were verified for fecal coliform analysis conducted by Microbac Laboratories, Inc. on March 30, 2009 and Heavy Metals conducted by NCDA&CS – Agronomic Division on April 6, 2009. The facility conducts its own manmade & inert materials test, conducted on April 6, 2009: < 1% per 35.1 tons. Mr. Smith stated that he would like to have the material tested on a February and August rotation.
10. Tonnage records for 2009 were verified (January through June). The facility received 140,200 lbs or 70.1 tons of material from events other than the Fair. The tonnage received during the previous year's Fair was ~ 240 or ~ 480,000 lbs. A front end loader bucket (as used on-site) of wet material weighs ~ 1350 lbs and a bucket of dry material weighs ~ 1000 lbs. Mr. Smith maintains records of the quantity and type of waste received, which is all processed and used.
11. Mr. Smith was reminded that by August 1st of each year the facility is required to submit an annual report for the period of July 1st through June 30th (to include testing records).
12. The facility has proper signage (permit number, type of waste permitted to receive, and statement of no hazardous waste, asbestos containing waste, or medical waste).

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


 John Patrone
 Environmental Senior Specialist

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

Regional Representative

Delivered on : June 29, 2009 by		Hand delivery	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 Applications Branch Head