



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.: 34-21 SWC FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDF		

Date of Audit: July 15, 2010**Date of Last Audit:** May 28, 2010 w/info. submitted on June 9, 2010**FACILITY NAME AND ADDRESS:**

Dixie Classic Fairgrounds - Small, Type III SWC Facility
 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
 sparks@dcfair.com

FACILITY CONTACT ADDRESS:

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

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)
 Jason Watkins, NCDENR – SWS
 Michael Scott, NCDENR – SWS
 Zi-Qiang Chen, NCDENR – SWS
 Ken Pickle, NCDENR - Division of Water Quality (DWQ)

STATUS OF PERMIT:

Permit To Operate (PTO) issued July 1, 2005
 PTO expiration date July 1, 2010
 Permit Renewal Application received by SWS May 28, 2010

PURPOSE OF AUDIT:

Partial 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.

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STATUS OF PAST NOTED VIOLATION(S):

None

AREAS OF CONCERN AND COMMENTS:

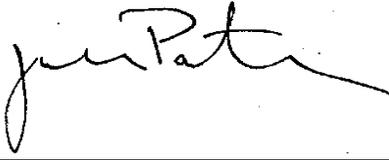
On July 15, 2010, John Patrone, Jason Watkins, Michael Scott, Zi-Qiang Chen, and Ken Pickle conducted a partial audit of the Small, Type III Solid Waste Compost Facility located at 421 West 27th Street in Winston-Salem, Forsyth County.

1. The on-site contact is David Smith, Crew Coordinator & Landscape Supervisor with the Lawrence Joel Veterans Memorial Coliseum. Contact information for Mr. Smith: w: 336-727-2236 x105, c: 336-409-4881, dsmith@ljvm.com.
2. The facility is a Small, Type III Solid Waste Compost (SWC) Facility. It produces compost from manure, straw, mulch, and scrap food wastes generated primarily at the Dixie Classic Fair (held annually in the fall) at the Lawrence Joel Veterans Memorial (LJVM) Coliseum and from other events (involving animals) held throughout the year.
3. The compost produced is primarily used for animal bedding at the Dixie Classic Fair and occasionally used by the Winston-Salem Entertainment-Sports Complex (property where the LJVM Coliseum is located) as landscape mulch.
4. The facility is approved to distribute compost to the general public however, compost is not distributed (see SWS file copy letter dated June 13, 2005).
5. The facility aerates compost piles using forced aeration. After an event material is brought to the compost area and placed in six large rectangular bins, or as many as is needed. Each bin is separated from the other by large cement blocks. Over a period of weeks the material is continually aerated using forced aeration and turned/mixed by moving it from one bin to the other. Material is forced aerated and turned/mixed in bin Nos. 1 through 6 until it breaks-down and temperature requirements have been met. A seventh bin, larger in size, is used for curing the material (from bins 1 through 6). After the material has cured/becomes usable compost it is distributed for use.
6. Currently, bins 1 through 6 do not contain material. Bin number 7 contains material that is curing to be used at the Dixie Classic Fair in the fall, 2010.
7. Mulch is obtained in ~ 6 months and compost obtained in ~ 1 year.
8. Runoff from the facility is controlled by a catch basin built laterally along the front area of the compost bins. Stormwater is collected along the berm where it is held, filtering into the ground.
9. During the audit the stormwater catch basin contained stormwater. Evidence of water seepage onto the grass-covered area downslope from the catch basin was observed. The facility shall ensure that stormwater does not seep-out through the catch basin and that berms are constructed such that stormwater will not overflow the catch basin.
10. The facility plans to conduct tests on a six-month rotation. However, the number of animal focused events held at the LJVM Coliseum has decreased and thus the material available for compost has decreased. The facility occasionally has to purchase bedding material (compost) for the Dixie Classic Fair. The facility will test once or twice a year per availability of material (to test) or when throughput is $\geq 20,000$ tons. If the facility tests once a year and new material to compost is brought on site after initial annual testing the facility shall conduct tests every six months.
11. The facility shall ensure that drums stored adjacent to the compost area, next to the stormwater catch basin, are stored such that they are free of liquid. Drums containing liquid shall be removed.
12. The facility stockpiles soil, covered with a tarp, adjacent to the compost operation.
13. Mulch stored adjacent to the compost operation is purchased for use by the facility.

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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>July 29, 2010</u> by		Hand delivery/email	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 and Land Application Branch Head
David Smith, Crew Coordinator & Landscape Supervisor, LJVM Coliseum