



**FACILITY COMPLIANCE AUDIT REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS	<b>COUNTY: Forsyth</b> <b>PERMIT NO.: 34-13 SWC</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Audit:** May 17, 2011

**Date of Last Audit:** January 25, 2011

**FACILITY NAME AND ADDRESS:**

Reynolds Park Road Large, Type 1 Solid Waste Compost Facility  
 Reynolds Park Road  
 Winston-Salem, NC 27107

**GPS COORDINATES:** **N:** 36.08184 **E:** 80.20088

**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)  
 Ed Gibson, Solid Waste Engineer – City/County Utilities  
 Billy Hill, Project Supervisor – City/County Utilities  
 Mike Cooke, WRICO Equipment Corporation

**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.

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**STATUS OF PAST NOTED VIOLATION(S):**

None

**AREAS OF CONCERN AND COMMENTS:**

On May 17, 2011, John Patrone met with Ed Gibson, Billy Hill, and Mike Cooke to conduct a comprehensive audit of the Reynolds Park Road Large, Type 1 Solid Waste Compost Facility located off of Reynolds Park Road in Winston-Salem, Forsyth County.

1. The facility is a Large, Type 1 Solid Waste Compost Facility. It produces compost from leaves.
2. Compost is given away to the general public twice a year, in early spring and late summer. Commercial businesses are given the remaining compost after public giveaway.
3. The compost operation is conducted by Mike Cooke - WRICO Equipment Corporation.
4. The facility receives material primarily from the City of Winston-Salem and Forsyth County picked-up from county residents.
5. The facility receives leaves from ~ November through February. Leaves are occasionally brought to the facility by WRICO Equipment Corporation from other City/County Utilities compost sites.
6. Windrows are formed as leaves are received. Windrows are monitored for temperature when maximum length, width, and height are achieved.
7. During the inspection there were 6 windrows, the largest was ~ 150' x 12' x 8'.
8. The windrow piles remain static for ~ 6 to 9 months and are turned as they are ground, usually in April and August.
9. The facility conducts temperature readings for three consecutive days prior to compost grinding and giveaway. Temperature readings for 18 windrows were conducted on March 1, 2, and 3, 2011 and spot-checked on March 22, 2011. Recorded temperature readings were all  $\geq 131^{\circ}$  F.
10. The facility maintains a copy of compost temperature monitoring and thermometer calibration procedures. Mr. Cooke stated that the thermometer will be calibrated in June 2011.
11. The facility maintained throughput records for the leaves. The amount of leaves received from November 2010 through February 2011 is 7,907.25 tons.
12. The facility annual report was received on July 26, 2010. Facility throughput from July 2009 through June 2010 is 9,911.2 tons.
13. Facility capacity is approved for 15,000 tons of yard waste and leaves per composting year.
14. Fire lanes were maintained around the perimeter of the windrows.
15. There was no indication of erosion or runoff.
16. Grass was mowed such that the stormwater corrugated drainage pipe and stormwater collection pond (left rear of lot) were accessible.
17. The facility has proper signage.
18. The facility is secured by a locked gate.
19. The permit expiration date is October 6, 2015.
20. Permit renewal application shall be submitted to the SWS prior to permit expiration. It is suggested that it be submitted by June 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***

<b>Delivered on :</b> <u>May 23, 2011</u> <b>by</b>		Hand delivery/e-mail	<b>X</b>	US Mail		Certified No. [ ]
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cc: Michael Scott, Section Chief  
Jason Watkins, Central Regional Supervisor  
Donald Herndon, Compliance Officer  
Ed Gibson, Solid Waste Engineer – City/County Utilities