

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
**Division of Waste Management - Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS	<b>COUNTY: Guilford</b> <b>PERMIT NO.: 41-10</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** February 5, 2016

**Date of Last Inspection:** January 22, 2015

**FACILITY NAME AND ADDRESS:**

City of High Point, Ingleside - Large Type 1 Solid Waste Compost Facility  
 3001 Ingleside Drive  
 High Point, NC 27265

**GPS COORDINATES:** N: 35.99794 E: -80.04039

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Randall Lee, Ingleside Compost Supervisor – City of High Point  
 w. 336-883-8514  
[randall.lee@highpointnc.gov](mailto:randall.lee@highpointnc.gov)

**FACILITY CONTACT ADDRESS:**

City of High Point  
 Mike Spencer, Landfill Superintendent  
 PO Box 230  
 High Point, NC 27261

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Mike Spencer, Landfill Superintendent – City of High Point  
 Randall Lee, Ingleside Compost Supervisor – City of High Point

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued June 8, 2012  
 PTO expiration date June 8, 2017

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS**

None

**OBSERVED VIOLATIONS**

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be 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 Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also 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.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
**Division of Waste Management - Solid Waste Section**

Page 2 of 5

**ADDITIONAL COMMENTS**

On February 5, 2016, John Patrone met with Mike Spencer and Randall Lee to conduct a comprehensive inspection of the City of High Point, Ingleside - Large Type 1 Solid Waste Compost Facility on Ingleside Drive in High Point, Guilford County.

1. The facility is a Large Type 1 Solid Waste Compost (SWC) Facility. It produces compost from yard waste, primarily leaves and grass clippings, and mulch from high carbon nitrogen ratio material.
2. The facility also creates engineered soils. Incinerator ash from the City of High Point East Side Wastewater Treatment Plant (WWTP) is accepted for use in the engineered soils mix.
3. The facility is in operation Monday through Friday 9:00 am to 4:00 pm and Saturday 9:00 am to 1:00 pm.
4. The facility permit, site plan, and operations plan were discussed.
5. The facility receives yard waste from the City of High Point collection operations and from businesses and residents.
6. The City of High Point collects leaves annually from ~ November through January.
7. Material is primarily received from Guilford County although it is also accepted from Davidson, Forsyth, and Randolph Counties.
8. The compost and mulch produced is sold to the general public, landscape companies, builders, etc. and used for City projects.
9. The front right of the facility is used for mulch storage and screened compost and the remaining area is used for active composting, curing, and stockpiles.
10. Leaves are ground upon receipt.
11. Active compost windrows are maintained for ~ 5 months and cured for an additional 1 – 3 months.
12. Leaves received from the recent leaf collection season are stockpiled until early spring and incorporated into windrows as grass clippings arrive.
13. Grass clippings are commonly received at the facility from March through October.
14. Stockpiling of all feedstocks (leaves, brush, etc.) shall be limited to a maximum of 30 feet high and 50 feet wide.
15. Ensure current leaf stockpile size is resized to meet the aforementioned. Mr. Lee stated that all of the stockpiled leaves will be placed in windrows in the coming weeks.
16. The facility maintains leaf windrow temperature records. Temperature records were verified for March 16, 2015 through February 1, 2016. Records indicate temperatures maintained at or above 55 degrees Celsius/131 degrees Fahrenheit for three days. Mr. Lee stated that the leaf piles are aerated to maintain elevated temperatures.
17. Material sold as leaf mulch shall comply with the time and temperature requirements. When the permit is renewed the leaf mulch operation should be incorporated into the facility operations plan.
18. At the time of the inspection there were eight leaf windrows on site and four mulch piles.
19. A vehicle scale test was conducted by the North Carolina Department of Agriculture & Consumer Services on October 7, 2015. Zero balance noted.
20. A vehicle scale test was conducted by J.A. King and Company, LLC on September 16, 2015. They were calibrated and tested. Mr. Lee stated that the scales are tested quarterly.
21. The facility maintains records of the quantity, type, and source of material received for processing. The amount of material received from January 1, 2015 through January 31, 2016 is 14,488.7 tons. The amount of compost, mulch, and topsoil (engineered soil) sold during the same period is 9,985.17 tons. The amount of material on site as of January 31, 2016 is 4,503.53 tons.
22. The facility annual report (FAR) dated August 11, 2015 was received by the SWS. Material received for July 2014 through June 2015 is 13,471.2 tons. The amount of compost, mulch, and topsoil created is 10,639.68 tons and the amount sold is 10,639.68 tons.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
**Division of Waste Management - Solid Waste Section**

Page 3 of 5

23. Mr. Lee stated that incinerator ash has not been received in over a year. The facility maintains test results analyzed by Meritech, Inc. Environmental Laboratory provided by the WWTP. When incinerator ash is accepted ensure the facility obtains specific test result type and frequency as stated on page 5 of the facility operations plan.
24. The facility has one temperature probe. Ensure it is routinely calibrated. It is suggested that the facility have a second temperature probe.
25. There was no odor detected at the facility boundary.
26. Mr. Lee stated that the facility has not used the odor control spray system in ~ 10 years.
27. Mr. Lee stated that the facility has not used fly spray in ~ 10 years.
28. Ensure stormwater does not pond on composting areas, storage areas, and roads.
29. The site shall be regraded/maintained to ensure positive stormwater drainage to each of the three collection basins.
30. The facility has two tub grinders and a screener.
31. An emergency at the facility can be addressed by the City of High Point Fire Department.
32. Fire lanes are maintained.
33. The facility is secured by a metal gate with lock. Personnel are on site during operating hours.
34. Access roads are of all-weather construction.
35. The facility has proper signage.
36. The facility is also a conditionally approved temporary disaster debris staging site (TDDSS, DS41-001). Disaster debris shall be managed within the parameters of the facility permit.
37. The SWS will conduct a follow-up inspection in mid-April 2016 to view site grading and leaf stockpile size/windrow construction.
38. The PTO expiration date is June 8, 2017.
39. The PTO renewal application shall be submitted to the SWS by February 8, 2017.

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

Phone: 336-776-9673

John Patrone, Environmental Senior Specialist  
 Division of Waste Management, NCDEQ

Sent on: <u>February 11, 2016</u>	X	Email		Hand delivery		US Mail		Certified No. [ ]
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Electronic Copies: Deb Aja, Western District Supervisor - SWS  
 Jessica Montie, Compliance Officer - SWS  
 Tony Gallagher, Supervisor - Composting & Land Application Branch – SWS  
 Michelle Sclafani, Environmental Technician – SWS  
 Mike Spencer, Landfill Superintendent – City of High Point (c. 336-688-3454,  
[mike.spencer@highpointnc.gov](mailto:mike.spencer@highpointnc.gov))

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
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Page 4 of 5

Digital pictures taken February 5, 2016  
by John Patrone, DWM-SWS

Mulch storage area



Material to be ground



Leaf windrows – active composting



Leaf windrows - curing



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
**Division of Waste Management - Solid Waste Section**

Page 5 of 5

Leaves stored for leaf mulch - to be placed in windrows and meet time and temperature requirements



Leaves stored for composting – to be placed in windrows

