



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer	<input checked="" type="checkbox"/>	Compost		SLAS		COUNTY: Durham PERMIT NO.: 32-12 T FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	<input checked="" type="checkbox"/>	Incin		T&P		FIRM		
CDLF		Tire T&P / Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: March 10, 2014

Date of Last Inspection: October 25, 2012

FACILITY NAME AND ADDRESS:

City of Durham Municipal Solid Waste Transfer Facility
 2115 East Club Boulevard
 Durham, NC 27704

GPS COORDINATES: N: 36.02810 E: -78.85553

FACILITY CONTACT NAME AND PHONE NUMBER:

Bruce Woody, City of Durham Solid Waste Management- Acting Waste Disposal Manager
 w. 919-560-4186 x32228
 f. 919-560-1197
 c. 919-475-2489
bruce.woody@durhamnc.gov

FACILITY CONTACT ADDRESS:

Bruce Woody, City of Durham Solid Waste Management- Acting Waste Disposal Manager
 City of Durham Solid Waste Management Department
 1833 Camden Avenue
 Durham, NC 27704

PARTICIPANTS

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)
 Robert Williams, City of Durham Solid Waste Management – Assistant Director of Operations
 Bruce Woody, City of Durham Solid Waste Management– Acting Waste Disposal Manager
 Bill Davidson, Waste Industries LLC - General Manager
 Chuck Jones, Hilco Transport, Inc. – Waste Operations Manager

STATUS OF PERMIT:

Permit To Operate (PTO) issued August 28, 2013
 PTO expiration date April 12, 2015

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 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.

ADDITIONAL COMMENTS

On March 10, 2014, John Patrone met with Robert Williams, Bruce Woody, Bill Davidson, and Chuck Jones to conduct a comprehensive inspection of the City of Durham Municipal Solid Waste Transfer Facility located on East Club Boulevard in Durham, Durham County.

1. The facility is owned by the City of Durham and operated by Waste Industries LLC. Waste Industries LLC sub-contracts operation of the transfer facility to Hilco Transport, Inc.
2. The facility is open Monday through Friday 7:30 am to 4:30 pm and Saturday 7:30 am to noon.
3. The facility permit, site plan, operations plan, and contingency plan were discussed.
4. The facility submitted to the SWS a certified copy of the permit: Durham County Register of Deeds, October 18, 2013, Bk: 7382 and Pg: 943 – 953.
5. The facility is permitted to receive solid waste generated in Chatham, Durham, Granville, Orange, Person, and Wake Counties.
6. Municipal solid waste is hauled to Uwharrie Regional MSW Landfill (62-04).
7. The following are facility certified personnel:
 - a. Bruce Woody, Certified Transfer Station Operations Specialist, TS-2007121, exp. 12/06/16
 - b. Lisa M. Gauldin, Certified Transfer Station Operations Specialist, TS-2008034, exp. 04/05/14
 - c. Russell Suitt, Certified Transfer Station Operations Specialist, TS-2009075, exp. 01/16/15
 - d. Wilbert P. Carter, Certified Transfer Station Operations Specialist, TS-2011047, exp. 10/20/14
 - e. Hernan Rodriguez-Bonilla, Certified Transfer Station Operations Specialist, TS-2013111, exp. 11/08/16
 - f. Charlie Jones, Certified Transfer Station Operations Specialist, TS-2012009, exp. 03/27/15
8. A vehicle scale test was conducted by the NC Department of Agriculture & Consumer Services on October 31, 2011.
9. Vehicle scale tests were conducted by Fairbanks Scales, Inc. on November 7, 2012 and May 15, 2013. Zero Error is indicated.
10. The facility installed an outside scale digital display unit in December 2013.
11. The facility deposits municipal solid waste (MSW) into an open-top trailer via load-out bay on the right side of the transfer station building. The left side of the building is used as a push-wall.
12. The facility conducts a recycling operation on the tipping floor from 6:00 am to 7:00 am, Tuesday through Friday. City trucks off-load comingled recyclables. The recyclable material is loaded into transfer trailers and hauled to a third-party for processing.
13. Ensure the tripping floor is sufficiently cleaned to accept recyclable material.
14. The facility has a resident drop-off convenience center located at the entrance to the property that accepts MSW, cardboard, paper, glass, plastics, steel, aluminum, scrap metal, wooden pallets, televisions and computers/electronics, used oil, lead acid batteries, motor vehicle oil filters, antifreeze, used cooking oil, white goods, and scrap tires. A swap-shop, open to the public, is located adjacent to the convenience center.
15. The facility has a yard waste drop-off area adjacent to the transfer station building (left rear of lot). Residents off-load material onto the ground and facility personnel place it into open top containers. The open top containers are routinely hauled to the City of Durham Solid Waste Compost facility (SWC 32-04) for processing. The SWC facility is located ~ ¼ mile away via service road.

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16. Facility capacity is assumed 650 – 1,100 TPD or an annual tonnage of ~ 130,000. If desired, evaluate facility capacity TPD when the permit is renewed/modified.
17. The facility annual report (FAR) submitted to the SWS is dated August 1, 2013. Tonnage received July 2012 through June 2013 is 132,421.14. During the same time period municipal solid waste, totaling 131,251.5 tons was hauled to Uwharrie Environmental MSW Landfill, permit No. 62-04.
18. The facility maintains records of the amount of MSW received and shipped-out. Monthly records were reviewed. Tonnage received for July 2013 through February 2014 is 81,502.15.
19. Hilco Transport, Inc. owns, moves, and hauls the transfer trailers. Transfer trailers appeared to be in good condition. On the weekend it is common that full transfer trailers remain on site.
20. Hilco Transport, Inc. hauls-off an average of 30 transfer trailers a day.
21. Waste screening reports were reviewed for July 1, 2013 through March 8, 2014. The facility is required to conduct waste screening of 1% of loads with a minimum of 1/day.
22. Scrap tire certifications were verified for November 2013 through February 2014.
23. The facility manages white goods containing chlorofluorocarbons (CFCs). White goods containing CFCs are kept separate from scrap metal. Facility personnel remove CFCs. Records of the amount of CFCs are maintained.
24. The following are facility personnel certified as a Type 1 Technician to remove CFCs, required by 40 CFR, Part 82, Subpart F:
 - a. Bruce Woody, certification No. NC-000-3076, issued: 02/16/10
 - b. Lamar D. Brooks, certification No. NC-000-3076, issued: 03/10/10
25. The facility had rodent box service conducted by Cleggs Termite & Pest Control LLC on February 3, 2014.
26. The leachate settling tank/oil-water separator was pumped-out by Ivey's Septic Tank Service, Inc. on January 9, 2014. Mr. Davidson stated that it is pumped-out quarterly.
27. The tipping floor leachate floor drain/grate appeared clogged. The load-out bay leachate grate/drain appeared clogged. The down gradient leachate/stormwater drain (across the concrete entrance ramp) appeared full/non-functional. The leachate settling tank/oil water separator appeared full/at capacity. Mr. Davidson had the leachate drains serviced and settling tank/oil water separator pumped out by the end of the day. An invoice receipt from Ivey's Septic Tank Service, Inc. (#6960) for 12,000 gallons pumped (including flush water) and digital pictures were provided to Mr. Patrone.
28. It was suggested that the settling tank/oil water separator is pumped-out more often than quarterly and a standard operating procedure (SOP) be developed to ensure the leachate collection system functions accordingly. Mr. Davidson stated that he will address the situation (abovementioned, #27) with facility/Hilco Transport, Inc. and ensured SWS that it would not happen again.
29. The tipping floor shall be cleaned daily.
30. Cracks in the concrete entrance ramp should be repaired.
31. Ensure birds do not enter the transfer building to feed. The facility shall ensure the transfer building is in good order and proper operation. A standard operating procedure (SOP), to include personnel training, should be developed.
32. Ensure empty transfer trailers are on site to sufficiently remove solid waste from the tipping floor.
33. The sheet metal exterior of the transfer station building needs repair along the upper edge of the load-out bay truck entrance, along the rear of the building where sheet metal has separated at the seam, and areas where material has punctured through the sheet metal. Ensure the seam along the foundation of the load-out bay is sealed and/or kept clean of waste material. Waste material should not collect along the exterior of the foundation. Also, the maintenance door to the load-out bay should be sealed to prevent waste material from collecting along the exterior foundation. Mr. Davidson stated that the building will be repaired accordingly in ~ a month.
34. The City of Durham Fire Department will respond to an emergency at the facility.
35. There was no indication of erosion or runoff.
36. No windblown material was observed.
37. The facility is secured by a locked gate. Personnel are on site during operating hours.
38. Access roads are of all-weather construction.

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- 39. The facility has proper signage.
- 40. The permit expiration date is April 12, 2015.
- 41. The permit renewal application shall be submitted to the SWS by October 12, 2014.
- 42. The City plans to construct a new transfer facility adjacent to the existing one. The City and SWS - Permitting Branch are in discussion. It is suggested that if a new transfer facility is constructed that the contingency plan state that the old (currently operated) transfer building be used to transfer solid waste during an emergency.

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



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

John Patrone
 Environmental Senior Specialist
Regional Representative

Sent on: <u>March 24, 2014</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. []
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Electronic copies: Jason Watkins, Western District Supervisor
 Sarah Rice, Compliance Officer
 Pat Backus, Environmental Engineer
 Donald Long, City of Durham - Solid Waste Director donald.long@durhamnc.gov
 Robert Williams, City of Durham – Assist. Director of Operations robert.williams@durhamnc.gov
 Bill Davidson, Waste Industries LLC - General Manager william.davidson@wasteindustries.com
 Chuck Jones, Hilco Transport, Inc. – Waste Operations Manager cjones@hilcotransport.com

Digital pictures taken March 10, 2014
by John Patrone, DWM-SWS

Cracked concrete in need of repair - representative



Tipping floor clogged leachate drain – serviced 3/10/14



Solid waste on tipping floor awaiting offsite transfer trailer



Transfer building sheet metal damage - representative



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Digital pictures submitted to SWS
 by Bill Davidson, Waste Industries LLC - General Manager

Serviced tipping floor leachate drain



Pumped leachate setting tank/oil water separator



Serviced concrete access ramp drain



Leachate system service invoice

Ivey's Septic Tank Service, Inc.
www.iveyseptic.com
 1122 Brookhollow Road
 Effland, NC 27243
 (919) 732-5592 office
 (919) 245-0070 fax

Invoice

DATE	WORK ORDER #	INVOICE #
3/10/2014		6960

PAID

BILL TO	JOB NAME/LOCATION
Waste Industries 148 Stone Park Court Durham, NC 27703	City of Durham Transfer Station 2113 E. Club Blvd. Durham, NC

DUE DATE
3/10/2014

DESCRIPTION	AMOUNT
Pumped separator tank	
Pumped second load	
Pumped third load	
Pumped extra water	
* Approximately 12,000 gallons pumped	
Total	\$0.00
Payments/Credits	\$0.00
Balance Due	\$0.00

Thank you for your business.