



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Durham PERMIT NO.: 32-12 HHW FILE TYPE: COMPLIANCE
Closed MSWLF		HHW	X	White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: August 26, 2014

Date of Last Inspection: New Facility

FACILITY NAME AND ADDRESS:

City of Durham Permanent HHW Facility
 2115 East Club Boulevard
 Durham, NC 27704

GPS COORDINATES: N: 36.02646 E: -78.85754

FACILITY CONTACT NAME AND PHONE NUMBER:

Bruce Woody, Disposal Manager - City of Durham Solid Waste Mgmt. Dept.
 w. 919-560-4186 x. 32228
 f. 919-560-1197
 c. 919-452-5919
bruce.woody@durhamnc.gov

FACILITY CONTACT ADDRESS:

City of Durham Solid Waste Mgmt. Dept.
 Bruce Woody, Disposal Manager
 1833 Camden Avenue
 Durham, NC 27704

PARTICIPANTS

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)
 Bruce Woody, Disposal Manager - City of Durham Solid Waste Mgmt. Dept.
 Everett Wilson, Transfer Station Site Supervisor - City of Durham Solid Waste Mgmt. Dept.
 Pat Grogan, HHW Program Manager - ECOFLO, Inc.
 Antoine Freeman, Project Manager - ECOFLO, Inc.

STATUS OF PERMIT:

Permit to Construct/Operate (PTC/PTO) issued June 11, 2014
 Permit expiration date June 11, 2019

PURPOSE OF SITE VISIT:

Comprehensive Inspection and Facility Operations Meeting

STATUS OF PAST NOTED VIOLATIONS

None

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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.

ADDITIONAL COMMENTS

On August 26, 2014, John Patrone met with Bruce Woody, Everett Wilson, Pat Grogan, and Antoine Freeman to conduct a comprehensive inspection and facility operations meeting of the City of Durham Permanent HHW Facility on Club Boulevard in Durham, Durham County.

1. The permit is for the City of Durham permanent household hazardous waste (HHW) facility.
2. This is a new facility – permit issued June 2014.
3. The permanent HHW facility is located contiguous to the convenience center. The property also contains the City of Durham transfer facility (32-12T), the City of Durham closed municipal solid waste (MSW) landfill (32-01), the City of Durham solid waste compost facility (32-04), and the City of Durham temporary disaster debris staging site (TDDSS) – old borrow site (DS32-004).
4. The City of Durham has ceased operation of the permanent HHW collection facility (32-10) located at 1900 East Club Boulevard in Durham/at the North Durham Water Reclamation Facility. A closure inspection of 32-10 was also conducted by SWS on 08/26/14.
5. The City of Durham permanent HHW facility began operation on August 12, 2014.
6. The facility has met the permit requirement of Attachment 2, Conditions of Permit to Construct – No. 2. The SWS – Permitting Branch sent notification, email dated 08/26/14, to Bruce Woody providing authorization for the facility to continue to operate.
7. The facility is open 7:30 am to 4:00 pm Monday through Friday and 7:30 am to 12:00 pm on Saturday.
8. The facility HHW generator identification number is NCPH0321402.
9. Ensure a copy of the permit, operations plan, site plan, and contingency plan are maintained at the facility.
10. The facility is permitted to receive HHW from Chatham, Durham, Orange, and Wake Counties. Mr. Woody has inquired with SWS – Permitting Branch to add Granville and Person Counties to the facility service area.
11. The facility does not accept HHW from conditionally exempt small quantity generators (CESQG) or from agricultural/large farm.
12. The facility is prohibited from accepting radioactive materials, infectious or biological wastes, explosive/shock sensitive material, organic peroxides, ammunition, and polychlorinated biphenyls (PCB) with the exception of PCB household waste.
13. Facility operation is contracted to ECOFLO, Inc. Their HHW generator identification number is: NCD000648451.
14. ECOFLO, Inc. provides a certified individual trained in Occupational Safety & Health Administration (OSHA) standard 29 CFR 1910.120(e). The primary responsible individual is: Antoine Freeman, 8 hour annual Hazardous Waste Operation & Emergency Response refresher, February 10, 2014. Mr. Grogan stated that if other ECOFLO, Inc. staff fill-in they will bring a copy of their training certification.
15. Mr. Woody stated that City of Durham personnel will receive training in order to provide assistance to ECOFLO, Inc. staff or fill-in when necessary. Ensure that City of Durham personnel are appropriately trained. Due to the high volume of residents and City personnel that frequent the convenience center (contiguous to the permanent HHW facility) it is suggested that City personnel receive health and safety training in accordance with the OSHA standard 29 CFR 1910.120(e).
16. The permanent HHW facility is ~ 3200 ft². The area allotted for the permanent HHW facility is covered by a metal canopy.

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17. There is a three-compartment steel portable storage unit for the HHW collected. Each compartment is separate from the others and is equipped with secondary containment located underneath the floor. Secondary containment is isolated by compartment.
18. The three compartment steel portable storage unit secondary containment does not have sump outlets. Secondary containment will have to be pumped-out if used.
19. The first compartment is used to store small compressed gas cylinders, oil-based paints, and flares. The second compartment is used to store aerosols, acids, pesticides, and fertilizers, and the third compartment is used to store gasoline, bases, and non-hazardous wastes.
20. The three compartment steel portable storage unit has a fire suppression system throughout. The fire suppression system is inspected by BFPE International, Inc.
21. During the inspection accumulation labels affixed to 50-gallon drums were observed.
22. A concrete berm/curb has been constructed along the perimeter of the permanent HHW facility intended for use as secondary containment for the site. A sump has been installed within the site. The sump is ~ 3 feet deep and must be pumped-out if used. Ensure rain water that enters the sump is routinely pumped- out in order to provide sufficient volume for the collection of HHW in the event of an emergency.
23. The facility stores latex paint atop pallets and fluorescent lights in boxes outside within the allotted area of the permanent HHW facility. Ensure fluorescent lights are stored such that they will not be crushed or create a trip hazard. It is suggested that permanent shelving be constructed for fluorescent light storage, etc.
24. Mr. Freeman stated that fluorescent light ballasts are accepted and are handled accordingly.
25. Numerous empty 50-gallon drums and drums containing absorbent material are also stored outside within the allotted area of the permanent HHW facility.
26. If unacceptable or unknown wastes are received (facility operations plan, pg 3) it is suggested that a secure storage area be designated until removed by proper authorities.
27. When HHW is brought to the facility waste type is discussed and resident zip code obtained.
28. A "Participant Sheet" is maintained denoted by the number of residents with their zip codes that bring material to the permanent HHW facility. Records were verified for August 12 through the 26, 2014.
29. The convenience center contiguous to the permanent HHW facility accepts: used oil, motor vehicle oil filters, antifreeze, scrap tires, white goods, lead acid batteries, cooking oil, electronics, plastics, glass, steel, aluminum, cardboard, paper, and compressed gas cylinders.
30. If materials accepted at the convenience center are mixed with HHW, the HHW is removed and the resident is directed to place the remaining materials at the convenience center.
31. The facility has a combination emergency eyewash and shower station located at the convenience center. Ensure the eyewash and shower is maintained in ready-working order.
32. It is suggested that the combination emergency eyewash and shower station be relocated within the area designated for the permanent HHW facility. Its current location (at the convenience center) is ~ 50' away and creates a potential safety hazard.
33. If the combination emergency eyewash and shower station remains at the convenience center it is suggested that trip hazards be eliminated and a direct pathway to the eyewash and shower station be cordoned off with yellow paint, etc.
34. The facility shall ensure that weekly inspection of emergency equipment and supplies are conducted. The facility "Weekly Inspection Log" was verified for August 12, 18, and 25, 2014. Ensure all required equipment and supplies are obtained.
35. The facility has two portable fire extinguishers, inspected March 2014.
36. The City of Durham Fire Department will respond to an emergency at the facility.
37. The facility maintains records of the amount of HHW received. Material hauled-off by ECOFLO, Inc. mirror the quantity received. ECOFLO, Inc. shipping manifests are provided to the facility at the end of each month. Records of the type of material shipped-out and estimated weight (4415 lbs) were verified for August 18, 2014.
38. The site entrance is secured by a fence.
39. The facility has proper signage.
40. The permit expiration date is June 11, 2019.
41. Permit renewal application shall be submitted to the SWS by December 11, 2018.

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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
Division of Waste Management, NCDENR

Sent on: <u>August 29, 2014</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. <u> </u>
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Electronic Copies: Jason Watkins, Field Operations Branch Head - SWS
Sarah Rice, Compliance Officer - SWS
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Digital pictures taken August 26, 2014
by John Patrone, DWM-SWS

Permanent HHW Facility (total area under canopy)



Three compartment steel portable storage unit



Stored pallets of latex paint



Combination emergency eyewash and shower station
(located at convenience center)

