



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

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

**Date of Site Inspection:** June 25, 2015

**Date of Last Inspection:** August 26, 2014

**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, Waste 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](mailto:bruce.woody@durhamnc.gov)

**FACILITY CONTACT ADDRESS:**

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

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Bruce Woody, Waste Disposal Manager - City of Durham Solid Waste Mgmt. Dept.  
 Daryl Brunson, Acting Crew Chief II/Supervisor - City of Durham Solid Waste Mgmt. Dept.  
 Mark Montalbano, HHW Project 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

**STATUS OF PAST NOTED VIOLATIONS**

None

**OBSERVED VIOLATIONS**

None

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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 June 25, 2015, John Patrone met with Bruce Woody, Daryl Brunson, Mark Montalbano, and Antoine Freeman to conduct a comprehensive inspection 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. The HHW facility is located contiguous to the City of Durham 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).
3. The facility is open 7:30 am to 4:00 pm Monday through Friday and 7:30 am to 12:00 pm on Saturday.
4. The facility permit, operations plan, and site plan were discussed.
5. The facility maintains a copy of the contingency plan.
6. The facility HHW generator identification number is NCPH0321402.
7. The facility is permitted to receive HHW from Chatham, Durham, Granville, Orange, Person, and Wake Counties.
8. The facility does not accept HHW from conditionally exempt small quantity generators (CESQG) or from agricultural operations/large farms.
9. 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 fluorescent light ballasts and PCB household waste.
10. Facility operation is contracted to ECOFLO, Inc. The ECOFLO, Inc. HHW transporter and disposer/recycler identification number is NCD980842132.
11. 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 completed February 10, 2014 (to update July 2015). Mr. Montalbano stated that if other ECOFLO, Inc. staff fill-in they will bring a copy of their training certifications. It is suggested that a copy of all certifications for employees be maintained at the facility/on site.
12. Mr. Woody stated that a City of Durham employee has received training in order to provide assistance to ECOFLO, Inc. staff or fill-in when necessary and that additional staff may be trained in the future. Due to the high volume of residents and City personnel that frequent the convenience center (contiguous to the HHW facility) it is suggested that City personnel receive health and safety training in accordance with the OSHA standard 29 CFR 1910.120(e).
13. Most of the HHW collected is stored in a three-compartment steel portable storage unit. Each compartment is separate from the others and is equipped with secondary containment located underneath the floor. Secondary containment is isolated by compartment.
14. The three compartment steel portable storage unit secondary containment does not have sump outlets. Secondary containment will have to be pumped-out if used.
15. 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.
16. The three compartment steel portable storage unit contains a fire suppression system. The fire suppression system is inspected by BFPE International, Inc. The inspection is current until August 2015.
17. The facility has two portable fire extinguishers inspected by BFPE International, Inc. The inspection is current until April 2016.

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18. During the inspection accumulation labels affixed to 50-gallon drums were observed.
19. A concrete berm/curb has been constructed along the perimeter of the HHW facility intended for use as secondary containment for the site (facility operation is conducted under a large awning).
20. The concrete berm/curb area contains a sump. The sump is ~ 3 feet deep and must be pumped-out if used. Mr. Freeman stated that rain water that enters the sump is routinely pumped-out in order to provide sufficient volume for the collection of HHW/liquids in the event of a spill.
21. It is suggested that the facility obtain a submersible pump that can be used without removing the large steel sump grate and a graduated pole to measure the amount of liquid in the sump.
22. The facility stores latex paint atop secondary containment pallets.
23. Fluorescent lights are stored in boxes. It is suggested that permanent shelving be constructed for fluorescent light storage.
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 stored within the allotted area of the HHW facility.
26. If unacceptable or unknown waste is received (facility operations plan, pg 3) facility personnel will place it in the three compartment steel portable storage unit and contact the proper authorities.
27. When HHW is brought to the facility the waste type is discussed and the resident county obtained.
28. A record is maintained denoting the number of residents and corresponding counties that bring HHW to the facility. Records were verified for February 9, 2015 through June 22, 2015.
29. The convenience center [contiguous to the 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 material accepted at the HHW facility is mixed with convenience center materials, the HHW is removed and the resident is directed to bring the remaining materials to the convenience center.
31. The facility has a combination emergency eyewash and shower station located at the convenience center. Ensure the combination emergency eyewash and shower station is maintained in ready-working order.
32. It is suggested that trip hazards be eliminated and a direct pathway to the combination emergency eyewash and shower station be cordoned off with yellow paint, etc.
33. An emergency eyewash station has been installed at the HHW facility.
34. It is suggested that a permanent water line (all-weather) be installed at the HHW facility in case of emergency.
35. Emergency equipment is inspected weekly. Records are maintained.
36. The facility maintains records of the amount of HHW received. Material hauled-off by ECOFLO, Inc. mirrors the quantity received. A copy of ECOFLO, Inc. shipping manifests are provided to the facility at the end of each month. Records of material type shipped-out and estimated weight were verified for January 15, 2015 through June 19, 2015.
37. The City of Durham Fire Department can be contacted to respond to an emergency at the facility.
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: 336-776-9673

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

Sent on: <u>July 1, 2015</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  
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[robert.williams@durhamnc.gov](mailto:robert.williams@durhamnc.gov)

Digital pictures taken June 25, 2015  
by John Patrone, DWM-SWS

HHW facility - left side



HHW facility – right side



**FACILITY COMPLIANCE INSPECTION REPORT**  
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HHW facility – open area



1<sup>st</sup> compartment of steel portable storage unit



2<sup>nd</sup> compartment of steel portable storage unit



3<sup>rd</sup> compartment of steel portable storage unit



Accumulation labels affixed to 50-gallon drums - representative

