

**HAZARDOUS WASTE SECTION - COMPLIANCE BRANCH  
FILE TRANSMITTAL & DATA ENTRY FORM**

**Your Name:** Andrew Martin

**Facility ID Number:** NCS000002180

**Facility Name:** Auto Parts U Pull & Scrap Metal of Shelby

**Document Group:** Inspection/Investigation (I)

**Document Type:** I - Focused Compliance Inspection (FCI)

**File Description/Comments:** MSRP Inspection with comments

**Date of Document:** 5/25/2016

**Author(s) of Document:** Andrew Martin

**Inspector ID #:** NC115

**Suborganization:** Resident Inspector Program

**County (if not on report):**

**NC HAZARDOUS WASTE SECTION (NC HWS)  
MERCURY SWITCH REMOVAL PROGRAM  
COMPLIANCE EVALUATION CHECKLIST/REPORT**

Facility Name: Auto Parts U Pull & Scrap Metal of Shelby      Date of Inspection: 5/25/2016  
 Facility ID Number: NCS000002180  
 Previous Inspection date(s): 11-21-2014  
 Facility Generator Status: NAG  
 County: Cleveland  
 Address: 1025 County Home Road, Shelby, NC 28151  
 Phone: 704-482-4888  
 Mailing Address (If Different): \_\_\_\_\_  
 E-Mail Address:  
 Owner/Contact: Jerry Allen  
 Type of Business: Auto Salvage & Scrap Metal

Number of Cars Dismantled Per Year? 3,000  
 Does The Facility Shred On-Site? No  
 Does The Facility Crush On-Site? No, vehicles are flattened by heavy equipment  
     *\*If YES Do They Own Their Own Crusher?* No  
     *Any evidence of a release (see used oil below)* NA  
 Does The Facility OWN or OPERATE A Mobile Crusher? No

**MERCURY SWITCH MANAGEMENT**

Facility Collecting Mercury Switches: Yes. See comments  
 Evidence of Mercury Release to Environment: 273.13(c)(2)(i) No  
 Switches Containerized: 273.13(c)(1) Yes  
 Switches In Closed Containers: 273.13(c)(1) Yes  
 Containers Properly Labeled: 273.14(d)(1) Yes  
 Facility Able To Demonstrate Accumulation Time: 273.15(c) Yes  
 Number of Shipments of Switches: 1  
 Shipping Papers Maintained: Yes  
 Employees Trained In Mercury Handling & Emergency Procedures: 273.13(c)(2)(vi) Yes  
 Mercury Switch Removal Log Maintained: Yes  
 Mercury Spill Kit On Site: 273.13(c)(2)(iii) Yes

**USED OIL MANAGEMENT**

Does Facility Generate Used Oil: 279.22(a) Yes  
 Stored In: Multiple Tote  
 Tanks / Containers Properly Labeled: 279.22(c)(1) No  
 Evidence of Used Oil Release: 279.22(b)/279.22(d) No  
 Used Oil Disposal Receipts Maintained: Yes



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<https://deq.nc.gov/about/divisions/waste-management/hazardous-waste-section>

**LEAD / ACID BATTERY MANAGEMENT (266.80)**

Does Facility Generate Lead / Acid Batteries: Yes  
Batteries Properly Maintained To Prevent a Release: Yes

**GASOLINE MANAGEMENT**

Does Facility Generate Spent/Waste Gasoline: Yes  
Total amount of Spent/Waste Gasoline and/or Total Amount On-Site: 270-gallon tote  
Evidence of Spent/Waste Gasoline Release: No

**LEAD WEIGHT MANAGEMENT**

Does the Facility Generate Lead Tire Weights: Yes  
Does the Facility Manage Weights for Recycling: Yes  
\*If Yes, How are weights stored: Bucket  
Evidence of Weights on the Ground: No

**INSPECTION HISTORY**

NOD/NOV to Be Issued: No  
Verbal Warning (See Comment Section): No  
Previous Inspection Warning or NOV Issued: No  
\*If Yes, Type: \_\_\_\_\_

**COMMENTS / RECOMMENDATIONS:**

- Auto Parts U Pull of Shelby is located next door to Auto Parts of Shelby and is the owner of both facilities. Cars are sent over from the Auto Parts of Shelby location for crushing and mercury switches are collected from the vehicles prior to crushing at this facility. The switches are shipped off under Auto Parts of Shelby's name since they were already a member of the program.
- The spent lead acid battery storage location is located outdoors in a bin and an old box truck body. Batteries were haphazardly thrown into the containers and broken, burnt batteries and lead plates were observed in the box truck body. **Spent lead acid batteries must be managed in manner to prevent releases to the environment. The facility should immediately begin storing batteries in an upright position to prevent leaks from vent holes. Cracked, leaking or damaged batteries should immediately be placed in a closed, leak proof storage container or diked non-reactive storage area. If the batteries are badly burnt or damaged, it is recommended that they be placed in a sealed leak proof container. Any spilled material or soil impacted by lead acid battery spills may be subject to hazardous waste regulations. It is also recommended that battery terminals be taped or capped to prevent short circuits and fires. It is a reminder that fluids should not be drained from the battery.**
- In total the facility had thirteen plastic totes of used oil and gasoline stored outside next to the vehicle processing area and eleven totes of used oil inside the vehicle processing. Each tote holds approximately 275-gallons for an approximate total of 6,600 gallons of Used oil and used gasoline. No spills were observed. **If a facility stores greater than 1,320 gallons of petroleum products a Spill Prevention Control and Countermeasure Plan must be developed. Please visit <https://www.epa.gov/oil-spills-prevention-and-preparedness-regulations> for more information.**
- It is recommended that secondary containment devices be provided for the petroleum storage totes.
- **It is a reminder that it is a violation of State law to crush or to knowingly allow onsite contractors to crush vehicles that contain mercury switches. Required per NC General Statutes (NCGS) § 130A-310.**



- Visit <http://www.epa.gov/mercury/spills/#whatever> for information on mercury releases and spills, including information on items needed to cleanup a small mercury spill.
- It is a reminder that Universal Waste-Mercury switches must not be stored onsite for more than one year (365 days) of the date in which the first switch and or mercury bullet is placed into the container. **Required per 40 CFR Part 279.**
- It is a reminder that the facility must develop and maintain a checklist to ensure that cars are checked for mercury switches before being sent to the crusher.
- Additional information, regarding shipment of switches and other Program guidance documents can be found at <http://elvsolutions.org> and at: <https://deq.nc.gov/about/divisions/waste-management/hazardous-waste-section/mercury-switch-removal-program>

\*Checklist/Report prepared by: Andrew Martin, QEP, NC HWS-Environmental Senior Specialist, NCDENR

 05-25-2016  
 \_\_\_\_\_  
 NC HWS-INSPECTOR / DATE

By Mail  
 \_\_\_\_\_  
 FACILITY CONTACT / DATE