

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

**Your Name:** J. Sean Morris

**Facility ID Number:** NCD991278805

**Facility Name:** Petty Machine Company

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

**Description for File (for CARA):** Follow-Up Inspection

**Date of Document:** 11/6/2015

**Author(s) of Document:** J. Sean Morris

**Inspector ID #:** NC046

**Suborganization:** Western Region

**Comments for RCRAInfo:** Follow-Up Inspection

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

**For Violations:**

**Enforcement Date:** [Click here to enter a date.](#)

**Docket Number:**

**Enforcement Type:**

**How many violations were there?**

**For IANOV or CO:** The facility is

**Outcome Measures for CSE for IANOV or CO:**

Waste Involved	Volume	Exposure Media (a, gw, sw, s)	Distance to Residences	Number of People involved	Distance to On-site wells	Distance to Off-site wells

**NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WASTE MANAGEMENT  
HAZARDOUS WASTE SECTION (HWS) / COMPLIANCE BRANCH**

**RCRA FOLLOW-UP INSPECTION REPORT**

1. **Facility Information:** Petty Machine Company, Inc.  
2403 Forbes Road  
Gastonia, N.C. 28052  
**NCD 991 278 805, CESQG, TSD Facility**  
  
P.O. Box 1888  
Gastonia, NC 28053
2. **Facility Contact:** Mr. Larry Petty, Petty Machine Co. - Owner  
Phone: 704-864-3254  
  
**Contractor:** S&ME, Inc.  
Mr. Al Quarles, Senior Hydrogeologist  
Email: [aquarles@smeinc.com](mailto:aquarles@smeinc.com) Phone: 704.523.4726, ext. 11657
3. **Survey Participants:** Mr. Larry Petty
4. **Inspector(s):** Mr. Sean Morris, HWS - Environmental Senior Specialist  
Mr. Brent Burch, HWS - Compliance Branch Head
5. **Date/Time of Inspection:** November 6, 2015 – Arrived: 9:30am Departed:11:00am  
  
**Date of Report:** February 5, 2016 – Prepared By: Sean Morris (Inspector)
6. **Purpose of Inspection:** Follow-Up Inspection
7. **Report:**

On November 6, 2015 Mr. Brent Burch and I conducted a Follow-Up Inspection (FUI) at Petty Machine Company located in Gastonia, NC. The purpose of the visit was to evaluate waste materials generated during from the clean-out of the facility's former electroplating room. This FUI was a scheduled inspection and we met with Mr. Larry Petty during the visit.

Containers of waste materials were first documented during a routine Compliance Evaluation Inspection (CEI) conducted on July 9, 2015. During the July 2015 CEI, Mrs. Linda Petty and Mr. Jimmie Rodgers, with Petty Machine Company, explained that in May 2015 facility personnel initiated a cleaning project involving the facility's former electroplating room. The project included the removal of floor residues, residues within former plating tanks and the removal of the former plating process dip tank. The plating Mr. Petty explained that the project generated both waste material and materials that can be reused onsite.

During the visit we inspected the area of the facility where containerized clean-out materials were being accumulated, which is located within the rear portion of plant. There were thirteen 55-gallon containers of black oxide, two cubic yard containers holding cut-up pieces of the former plating tank, five 55-gallon containers of caustic soda and one 55-gallon container of alkaline cleaner. Mr. Petty explained that the black oxide material and caustic soda was going to be retained for potential reuse. Mr. Petty explained that waste determinations were being conducted for the alkaline cleaner and former plating tank. There were also eight 55-gallon containers of waste materials generated from the cleaning project and Petty Machine contracted with US Waste Industries for sampling of the waste containers. Sampling was conducted on September 30, 2015 and the results indicated that three containers of floor sweepings, one container of electro-less nickel solution and two containers of nitric acid solution would be characteristic hazardous waste (carrying either D002, D004, D006, D007, D008 waste codes). The containers were found to be properly labeled and closed and facility personnel are conducting and documenting weekly inspections of the containers.

Mr. Brent Burch and I made several container management recommendations during the visit and requested that the containers of hazardous waste be shipped off-site as soon as possible. We also requested that Mr. Petty submit copies of the final disposal manifests.

On February 5, 2016 Petty Machine submitted copies of the final hazardous waste manifests for the waste generated from the cleaning project. The manifests indicated that 2000-pounds of D007 waste tank debris was sent to Michigan Disposal Waste Treatment Plant (MID000724831) and that two 55-gallon containers of D002/D004/D006/D007/D008 waste nitric acid, one 55-gallon container of D007 hazardous waste liquid (nickel sulfate/chromium) and three 55-gallon containers of D007 hazardous waste solids (chrome) were sent to EWS Alabama (ALD981020894).

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**J. SEAN MORRIS, / DATE**  
**NC HWS-COMPLIANCE BRANCH**

**SENT BY E-MAIL**  
**FACILITY CONTACT**

cc:  
Central Office Files  
Petty Machine Company (via email)