

**Environmental  
Protection Agency**

John R. Kasich, **Governor**  
Mary Taylor, **Lt. Governor**  
Scott J. Nally, **Director**

Re: Seneca Sheet Metal Company  
Seneca County  
Hazardous Waste  
OHR000014936  
NOV

March 16, 2012

Ms. Beverly Shaffer  
Seneca Sheet Metal Co.  
227 Water Street  
Tiffin, Ohio 44883

Dear Ms. Shaffer:

On February 28, 2012, you accompanied Melissa Boyers and me during the Ohio Environmental Protection Agency's (Ohio EPA's) hazardous waste compliance evaluation inspection of your facility, Seneca Sheet Metal Company (hereafter referenced as SSMC) located in Tiffin, Ohio. Specifically, we inspected your facility to determine its compliance with Ohio's hazardous waste laws as found in Chapter 3734 of the Ohio Revised Code (ORC), and Chapter 3745 of the Ohio Administrative Code. Pollution prevention options were also discussed during this inspection. This letter will explain the violations found and what you need to do to correct these violations. SSMC fabricates duct work and piping specifically for HVAC/ventilation systems. Wastes generated include spent xylene from gun cleaning/painting operations which is disposed of by Environmental Marketing Services. SSMC also generates paint booth filters, shop rags and spent fluorescent lamps. At the time of our inspection, you were operating as a conditionally exempt generator of hazardous waste. I found the following violations of Ohio's hazardous waste laws:

1. **Waste Evaluation, OAC Rule 3745-52-11:**

Any person who generates a waste must determine if that waste is a hazardous waste by using generator knowledge or by testing the waste. At the time of the inspection, SSMC did not have waste evaluation documentation for the spent paint booth filters. SSMC has been historically disposing of paint booth filters as solid waste. The paint booth filters have not been changed since approximately 2009. The paint booth is not used very often due to fact that most products no longer need painted and also the economy has caused business to slow down in years past.

SSMC must immediately cease disposing of the waste paint barn filters as non-hazardous waste until a proper waste evaluation has been completed.

In the future, (when the filters need changed) SSMC must obtain a representative sample of the spent paint booth filter waste stream and have it analyzed for Toxic Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals (SW-846 Method 1311/6010) and volatile organics (SW-846 Method 1311/8260). Most laboratories require a large amount of filter in order to run this analytical properly.

When you complete this analytical, submit a copy of the results to Ohio EPA. Once analytical results have been reviewed, Ohio EPA will advise you on proper disposal options as well as plans for the future management of this waste stream. Do not dispose of the spent paint filters in the solid waste dumpster until you determine if they are hazardous or not.

**To abate this violation, SSMC must submit the analytical information from sampling to me or an outline of how you will properly evaluate this waste stream upon the next generation of this waste stream.**

**2. Spent Lamps, Universal Waste Evaluation, OAC Rule 3745-52-11:**

Any person who generates a waste must determine if that waste is a hazardous waste by using generator knowledge or by testing the waste.

SSMC failed to have waste evaluation documentation or an established recycling plan in place for the fluorescent bulbs generated at the facility.

Lamps and bulbs are considered "spent materials" and remain hazardous waste even when recycled. Hazardous waste lamp generators have the option of handling their lamps as hazardous waste or as universal waste. Managing hazardous waste lamps under the universal waste rules eases certain regulations imposed on generators of spent lamps.

Please be aware that incandescent, fluorescent, metal halide, neon, high-intensity discharge, high-pressure sodium and mercury-vapor lamps could be hazardous waste when discarded. Fluorescent lamps may contain up to 40 milligrams (mg) of mercury, depending on the brand and manufacturer. Lamps may also contain lead and cadmium. Many lamps exhibit a characteristic of toxicity for heavy metals when disposed. SSMC has been historically disposing of waste lamps as solid waste.

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Basically, you can run analytical to determine if the bulbs contain mercury, lead, or cadmium (if you would like to continue to dispose of them as solid waste) OR you can choose to handle them through the **universal waste rules** by **recycling**. When the lamps are recycled as a universal waste, they are not considered a hazardous waste. You must ensure that they are recycled within one year of being generated and that you keep documentation showing this. Also, you must label the box containing the burned out bulbs (prior to recycling) with the words "universal waste lamps".

I gave you a copy of Fluorescent Lamps: What You Should Know, a fact sheet with information on how to properly manage lamps in the future. I also gave you a list of recyclers. Your current waste hauler may also offer this service.

**To abate this violation, SSMC must provide me with a plan on how you will manage bulbs in the future.**

SSMC needs to immediately take the necessary measures to return to compliance with Ohio's environmental laws. Within 14 days of receipt of this letter, SSMC is requested to provide documentation to this office including the steps taken to abate the violations cited above. Documentation of steps taken to return to compliance includes written correspondence, updated policies, and photographs, as appropriate, and may be submitted via the postal service or electronically to [wendy.miller@epa.ohio.gov](mailto:wendy.miller@epa.ohio.gov).

Please be advised that violations cited above will continue until the violations have been properly abated. Failure to comply with Chapter 3734. of the Ohio Revised Code and rules promulgated thereunder may result in a civil penalty of up to \$10,000 per day for each violation. It is imperative that you return to compliance. If circumstances delay the abatement of violations, SSMC is requested to submit written correspondence of the steps that will be taken by date certain to attain compliance.

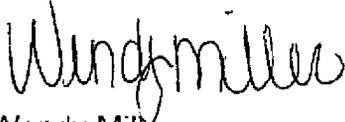
You can find copies of the rules and other information on the division's web page at <http://www.epa.ohio.gov/dhwm>. Ohio EPA also has helpful information about pollution prevention at the following web address: <http://www.epa.ohio.gov/opp>.

The Division of Materials and Waste Management has created an electronic news service to provide you with quick and timely updates on events and news related to hazardous waste activities in Ohio. If you haven't already, we encourage you to sign-up for this free service. You can find more information at Web link <http://www.epa.ohio.gov/dhwm> (click on the link for DHWM Electronic Mailing List).

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If you have any questions, please contact me by telephone at (419)373-3114 or by e-mail at [wendy.miller@epa.ohio.gov](mailto:wendy.miller@epa.ohio.gov).

Sincerely,



Wendy Miller  
Division of Materials and Waste Management

/cg

Enclosures

pc: Cindy Lohrbach, DMWM, NWDO  
Colleen Weaver, DMWM, NWDO (w/original checklist)

ec: Colleen Weaver, DMWM, NWDO  
Wendy Miller, DMWM, NWDO

Send to Central Office <input type="checkbox"/>	<b>Ohio Environmental Protection Agency</b> <b>RCRA SUBTITLE C SITE</b> <b>IDENTIFICATION/VERIFICATION FORM</b>	For Ohio EPA use only
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Completed verification forms required to be submitted to CO should be e-mailed to [brad.hauser@epa.state.oh.us](mailto:brad.hauser@epa.state.oh.us).

<b>Site EPA ID No.</b> <b>Site Name</b>  <b>Site Location Information</b>  <b>Site Land Type</b> (check only one) <b>NAICS code(s)</b> <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>	EPA ID Number: <b>OHR000014936</b> Name: <b>Seneca Sheet Metal Company</b>   Website: (Optional) Street Address: <b>227 Water Street</b> City, Town, or Village: <b>Tiffin</b>   State: <b>OH</b> County Name: <b>Lucas</b>   Zip Code: <b>44883</b> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Private <input checked="" type="checkbox"/></td> <td style="text-align: center;">County <input type="checkbox"/></td> <td style="text-align: center;">District <input type="checkbox"/></td> <td style="text-align: center;">Federal <input type="checkbox"/></td> <td style="text-align: center;">Indian <input type="checkbox"/></td> <td style="text-align: center;">Municipal <input type="checkbox"/></td> <td style="text-align: center;">State <input type="checkbox"/></td> <td style="text-align: center;">Other <input type="checkbox"/></td> </tr> </table>	Private <input checked="" type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>
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<b>Facility Representative</b>  Additional names can be recorded in number 12.  Only provide address information if it is different than the site address	First Name: <b>Beverly</b>   MI:   Last Name: <b>Shaffer</b> Title: <b>Office Manager</b> Phone Number: <b>419-447-8434</b>   Phone Number Extension: E-Mail Address: Fax Number: <b>419-447-8774</b>   Fax Number Extension: Street or P.O. Box: City, Town or Village: State:   Zip Code:
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<b>Legal Owner And Operator of the Site.</b> List Additional Owners and/or Operators in the Comment Section or on another copy of this form page.	Name of Site's Legal Owner:   Date Became Owner (mm/dd/yyyy): <table style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Owner Type: <input type="checkbox"/></td> <td style="text-align: center;">Private <input type="checkbox"/></td> <td style="text-align: center;">County <input type="checkbox"/></td> <td style="text-align: center;">District <input type="checkbox"/></td> <td style="text-align: center;">Federal <input type="checkbox"/></td> <td style="text-align: center;">Indian <input type="checkbox"/></td> <td style="text-align: center;">Municipal <input type="checkbox"/></td> <td style="text-align: center;">State <input type="checkbox"/></td> <td style="text-align: center;">Other <input type="checkbox"/></td> </tr> </table> Street or P.O. Box: City, Town or Village:   Owner Phone #: State:   Country:   Zip Code: Name of Site's Operator:   Date Became Operator (mm/dd/yyyy): <table style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Operator Type: <input type="checkbox"/></td> <td style="text-align: center;">Private <input type="checkbox"/></td> <td style="text-align: center;">County <input type="checkbox"/></td> <td style="text-align: center;">District <input type="checkbox"/></td> <td style="text-align: center;">Federal <input type="checkbox"/></td> <td style="text-align: center;">Indian <input type="checkbox"/></td> <td style="text-align: center;">Municipal <input type="checkbox"/></td> <td style="text-align: center;">State <input type="checkbox"/></td> <td style="text-align: center;">Other <input type="checkbox"/></td> </tr> </table> Street or P.O. Box: City, Town or Village:   Operator Phone #: State:   Country:   Zip Code:	Owner Type: <input type="checkbox"/>	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>	Operator Type: <input type="checkbox"/>	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>
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<b>VIOLATIONS CITED?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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**TYPE OF HANDLER - MARK "X" AS APPROPRIATE**

<input type="checkbox"/> Not a HW Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11 <input type="checkbox"/> Short-Term/Temporary Generator (generates from a short-term or one-time event and not from on-going processes). Check the box for the applicable generator status and provide a comment.	<input type="checkbox"/> Large Quantity Generator (LQG) <input type="checkbox"/> Small Quantity Generator (SQG) <input checked="" type="checkbox"/> Conditionally Exempt Small Quantity Generator <input type="checkbox"/> U.S. Importer of Hazardous Waste <input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator
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**TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN ALL OF THE APPROPRIATE BOXES)**

- |   |  |
|---|--|
| <input type="checkbox"/> Hazardous Waste Transporter                    | <input type="checkbox"/> Exempt Boiler and/or Industrial Furnace       |
| <input type="checkbox"/> Hazardous Waste Transfer Facility              | <input type="checkbox"/> Small Quantity On-Site Burner Exemption       |
| <input type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste | <input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption |
| <input type="checkbox"/> Recycler of Hazardous Waste                    | <input type="checkbox"/> Underground Injection Control Facility        |
| <input type="checkbox"/> 72-Hour Recycler                               | <input type="checkbox"/> Receives Hazardous Waste from Off-site        |

**UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED)**

(CHECK ALL BOXES THAT APPLY)

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Small Quantity Handler of Universal Waste                         | <input type="checkbox"/> Destination Facility for Universal Waste |
| <input type="checkbox"/> Large Quantity Handler of Universal Waste<br>(accumulates 5,000 kg. or more) |   |

CHECK ALL BOXES BELOW THAT APPLY FOR THE TYPES OF UNIVERSAL WASTE THE FACILITY MANAGES

- Batteries  
 Pesticides  
 Mercury containing equipment  
 Lamps

**USED OIL ACTIVITIES (INDICATE TYPE(S) OF ACTIVITY(S))**

- Used Oil Generator  
 Used Oil Transporter  
 Used Oil Transfer Facility  
 Used Oil Processor  
 Used Oil Re-refiner  
 Off-Specification Used Oil Burner  
 Used Oil Fuel Marketer who directs shipment of Off-Spec Used Oil  
 Used Oil Fuel Marketer who first claims the Used Oil meets the specifications

**Eligible Academic Entities with Laboratories:** Facility has previously notified that they are opting into managing laboratory hazardous waste pursuant to OAC rules 3745-52-200 through 3745-52-216. Check the box(es) below to indicate the laboratory type.

- College or University  
 Teaching hospital that is owned by or has a formal written affiliation agreement with a college or university  
 Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

**Waste Codes for Federally Regulated Hazardous Wastes:** Please list the codes for the federally regulated hazardous waste handled at the site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page or list them in the comments if more space is needed. If the waste codes are the same as listed in the most recent RCRAInfo source record, you do not need to list them. Instead just indicate the date of the most recent source record.

**D001                      D035                      F003                      F005**

**COMMENTS: USE THIS AREA TO DESCRIBE WHETHER THE INSPECTION WAS ANNOUNCED, WHETHER THE WASTE IS STORED IN TANKS OR CONTAINERS, ETC.**

- |            |   |  |                                      |
|------------|---|--|--------------------------------------|
| Announced  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | Additional Facility Representatives: |
| Tanks      | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |                                      |
| Containers | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |                                      |

Name of Inspector(s)  
**Melissa Boyers**

Name of Inspector(s)  
**Wendy Miller**

Date of Inspection/Time  
(mm/dd/yyyy) (hh:mm)  
**2/29/2011 1:30**

**Comments:**

**52-11 cited for paint filters, spent lamps. Facility plans to manage lamps as universal waste once they generate them.**

**CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR REQUIREMENTS  
COMPLETE AND ATTACH A PROCESS, WASTE, P2 SUMMARY SHEET**

CESQG: ≤100Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.  
 SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.  
 LQG: ≥ 1,000 Kg. (~300 gallons) of waste in a calendar month or ≥1 Kg. of acutely hazardous waste in a calendar month.  
 NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.

Safety Equipment Used:

**WASTE EVALUATION**

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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**GENERATOR CLASSIFICATION**

2.	Does the generator produce <100 kg. of hazardous waste per month? [conditionally exempt small quantity generator ("CESQG")]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: If quantities of hazardous waste accumulated on-site at any one time exceed 1,000 Kg. - or the generator produces between 100 and 1,000 Kg. of hazardous waste per month, it is operating as a Small Quantity Generator ("SQG"). If so, complete the Small Quantity Generator Requirements checklist.

**OFF-SITE SHIPMENT OF HAZARDOUS WASTE**

3.	Does the CESQG ensure delivery of hazardous waste(s) to an off-site permitted TSD? [3734.02(F)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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**TREATMENT OF HAZARDOUS WASTE**

4.	Does the generator treat hazardous waste in a:	
	a. Container that meets 3745-66-70 to 3745-66-77?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b. Tank that meets 3745-66-90 to 3745-66-101 except 3745-66-97(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c. Drip pads that meet 3745-69-40 to 3745-69-45?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d. Containment building that meets 3745-256-100 to 3745-256-102?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Complete appropriate checklist for each unit.

NOTE: If the CESQG conducts treatment they are subject to the LQG requirements.

NOTE: If waste is treated to meet LDRs, use LDR checklist.

**MIX HAZARDOUS WASTE WITH USED OIL**

5.	Does the CESQG mix its hazardous waste with used oil for the purpose of burning for energy recovery? [3745-51-05(J)] If so:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	a. Does the CESQG manage the mixture in accordance with 3745-279-21?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>