



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Complaint # 2818
Compliance Evaluation Inspection
St. Marys Foundry
OHD005037809
Auglaize County
Hazardous Waste
Notice of Violation

December 5, 2008

Mr. Greg Eaglowski, Manager
Personnel/Safety/Environment
St. Marys Foundry, Inc.
405 E. South Street
St. Marys, Ohio 45885

Dear Mr. Eaglowski:

On October 6, 2008, I investigated a complaint (CI) and conducted a compliance evaluation inspection (CEI) at St. Marys Foundry (SMF) in St. Marys, Ohio. I inspected SMF 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 (OAC). My inspection included a tour of your facility and a review of written documentation. We also discussed pollution prevention at SMF.

According to the complaint, received by Ohio EPA on September 26, 2008, SMF was selling spent foundry sand to ConAg for use in home septic systems. The Auglaize County Health Department was concerned about this and felt there could be a hazard from this use of foundry sand. This letter will explain the validity of the complaint, the violations I found and what you must do to correct the violations.

SMF operates an iron foundry (not steel). The largest part of your business is making gas compressors, cylinders and motor frames. SMF is an episodic hazardous waste generator and appears to be a conditionally exempt generator when off-spec acid catalyst (D002) is discarded. SMF also generates used oil and fluorescent lamps. When I explained the complaint you stated that the sand was not from SMF, since your spent sand is recycled or accumulated in your on-site landfill. You demonstrated, through sampling and analysis, that your spent foundry sand is not hazardous waste. You said the sand could have come from AAP an aluminum foundry on McKinley Road, CAPT an aluminum foundry in Celina or an iron foundry in Wapakoneta.

You also demonstrated that your baghouse dust is not hazardous waste and you explained that it is sent to Celina Sanitary Landfill, 6141 Depweg Road, Celina, Ohio 45822.

After discussing the complaint, I called Mr. Marv Selhorst of the Auglaize County Health Department to clarify the facts of the complaint. I explained what you and I had discussed and he responded that he would call the complainant back and gather more information. It was later reported that the foundry sand allegedly came from another source. Therefore, the complaint against SMF is not valid. Nevertheless, a compliance evaluation inspection was conducted.

As a result of my inspection, I found the following violation of Ohio's hazardous waste laws. In order to correct these violations, you must do the following and send me the required information, **within 30 days** of your receipt of this letter:

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

A generator must determine whether its waste is hazardous by first determining if the waste is listed as a hazardous waste in rules 3745-51-30 to 3745-51-35; by testing the waste according to the methods set forth in rules 3745-51-20 to 3745-51-24 or by applying knowledge of the hazardous characteristic of the waste in light of the materials or the processes used.

SMF has failed to evaluate its spent lamps (all types), according to this rule. You must obtain a representative sample of your lamps, according to OAC Rule 3745-51-20. You must evaluate all samples, through laboratory analysis, for all appropriate characteristics, including TCLP metals. You will need to give Ohio EPA a five day advance notice of sampling activities, in order for an inspector to make arrangements to view the sampling. Your analytical results must document if the waste is hazardous or not and if it is restricted from land disposal. You must submit the laboratory results to me as soon as they become available.

Alternately, you may choose to manage your lamps as universal waste, according to OAC Chapter 3745-273. 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. I have enclosed copies of the following documents to assist you in properly managing your spent lamps as universal waste: Fluorescent Lamps: What You Should Know and Computer, Fluorescent Lamp and Ballast Recyclers. I recommend that you review these documents carefully and contact me if you have any questions. The first document describes the rules you must follow in order to manage lamps as a universal waste.

To abate this violation, you must explain how you intend to manage your spent lamps. If you decide to manage them as a universal waste, you must indicate how you will package the lamps, label the containers, and date the containers. Please submit photos demonstrating that this has been done. Also, please indicate where you will ship the universal waste lamps to.

**2. Used Oil Container Labeling
OAC Rule 3745-279-22(C)**

Containers and aboveground tanks used to store used oil at generator facilities must be labeled or marked clearly with the words "Used Oil." On October 6, 2008, I observed eighteen unlabeled drums of used oil at SMF.

In order to correct this violation, SMF must immediately mark or label each drum of used oil with the words "Used Oil" and provide me with photographic documentation that this has been done.

**3. Response to Releases of Used Oil
OAC Rule 3745-279-22(D)**

Upon detection of a release of used oil to the environment a generator shall perform the following cleanup steps: stop the release, contain the released used oil, clean up and manage properly the released used oil and other materials, and if necessary, repair or replace any leaking used oil storage containers or tanks prior to returning them to service.

Used oil mismanagement in the cage area at SMF has contaminated the ground there. In order to correct this violation, SMF must remove the contaminated soil/material and evaluate it for hazardous characteristics. SMF should give Ohio EPA at least a five day advance notice of this decontamination/sampling activity. SMF must submit a copy of the analytical results of the waste evaluation and the shipping paper or hazardous waste manifest used to ship the waste off-site, as soon as it is available.

Also, please indicate which used oil recycler you intend to send the drums of used oil to and when you intend to recycle them.

As a used oil generator you are required to: store used oil in containers or aboveground tanks that are in good condition (no severe rusting, apparent structural defects or deterioration) and not leaking. Containers, aboveground tanks and fill pipes for underground tanks must be labeled with the words "Used Oil." If leaks are detected, the generator must: stop the release; contain the release; clean up and manage properly the released used oil and other materials related to the release; and, if necessary, repair or replace any leaking containers or tanks prior to returning them to service. I have enclosed copies of the following used oil fact sheets: The Regulation of Used Oil: An Overview for Ohio Businesses Who Generate Used Oil, Used Oil Burners - New Guidance for Rebuttable Presumption and Used Oil Recyclers. Please review these carefully and contact me immediately if you have any questions.

Mr. Greg Eaglowski, Manager
December 5, 2008
Page 4

You may be able to further reduce the waste your company generates. If you find ways to recycle, reduce or altogether eliminate the amount of waste that your company generates you may be able to reduce your treatment and disposal costs and you may possibly reduce your regulatory requirements. I have enclosed a copy of Pollution Prevention Opportunities, a worksheet that can help you recognize opportunities for reducing waste and conserving energy at your business. I have also enclosed a copy of Management of Electronic Waste from Business. Please review this information and contact me if you have any questions. I encourage you to schedule a pollution prevention assessment, because there are often many opportunities for businesses like yours to reduce waste and save money. If you wish to talk about an assessment or if you have other questions about pollution prevention, please feel free to contact the Office of Compliance Assistance and Pollution Prevention (OCAPP) at (614) 644-3469.

The Division of Hazardous Waste Management has created an electronic news service to provide you with quick and timely updates on events and news related to hazardous waste, used oil and universal 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 the following Web link <http://www.epa.state.oh.us/dhwm/listserv.html>. Please feel free to share this information with your colleagues.

If you have any questions, please feel free to contact me at (419) 373-3074. You can find copies of the rules and other information on the division's web page at <http://www.epa.state.oh.us/dhwm>. Ohio EPA also has helpful information about pollution prevention at the following web address: <http://www.epa.state.oh.us/opp>.

Sincerely,



Don North
District Representative
Division of Hazardous Waste Management

//lr

pc: Colleen Weaver, DHWM, NWDO
Cindy Lohrbach, DHWM, NWDO
cDHWM; NWDO; Auglaize County; St. Marys Foundry File -)
ec: Don North, DHWM, NWDO

NOTICE:

Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your company from having to comply with all applicable regulations.

Ohio Environmental Protection Agency
**RCRA SUBTITLE C SITE
 IDENTIFICATION/VERIFICATION FORM**

For Ohio EPA use only

E-mail this completed form to kristina.durnell@epa.state.oh.us
 or mail it to Kristina Durnell, Central Office

Site EPA ID No.	EPA ID Number: <i>OH0005037809</i>		Website: (Optional)	
Site Name	Name: <i>St. Marys Foundry</i>			
Site Location Information	Street Address: <i>405 E South Street</i>		State: <i>OH</i>	
	City, Town, or Village:		Zip Code: <i>45885</i>	
	County Name: <i>Cuyahoga</i>			
Site Land Type (check only one)	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input checked="" type="checkbox"/>	Federal <input type="checkbox"/>
NAICS code(s):			Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>
			State <input type="checkbox"/>	Other <input type="checkbox"/>
www.ceris.us.gov/epc/ww/whans.html				
Facility Representative	First Name: <i>Greg</i>	MI:	Last Name: <i>Eagowski</i>	
	Phone Number: <i>419-394-3346</i>		Phone Number Extension: <i>275</i>	
Additional names can be recorded in number 12	E-Mail Address:		Fax Number Extension:	
Only provide address information if it is different than the site address.	Fax Number: <i>419-394-8269</i>			
	Street or P.O. Box:			
	City, Town or Village:		Zip Code:	
	State:			
Legal Owner And Operator of the Site	Name of Site's Legal Owner:		Date Became Owner (mm/dd/yyyy):	
List Additional Owners and/or Operators in the Comment Section on another copy of this form page.	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"/>	
	Street or P.O. Box:		Owner Phone #:	
	City, Town or Village:		Country:	Zip Code:
	State:		Date Became Operator (mm/dd/yyyy):	
	Name of Site's Operator:			
	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"/>	
	Street or P.O. Box:		Operator Phone #:	
	City, Town or Village:		United States	Zip Code:
	State:			

VIOLATIONS CITED? Yes No

TYPE OF HANDLER - A MINIMUM OF ONE BOX MUST BE CHECKED

<input type="checkbox"/> Not a Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11	<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

TYPE OF REGULATED WASTE ACTIVITY (MARK X IN ALL OF THE APPROPRIATE BOXES)

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

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 (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. Oil
- Used Oil Fuel Marketer to Off-Specification Used Oil Burner

Waste Codes for Federally Regulated Hazardous Waste: 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 column of space if there are more than 7 waste codes and they are the same as listed in the most recent RCRA Info source. You do not need to list them all. Instead just indicate the date of the most recent source record.

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 | Other Comments: |
| Containers | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |

Name of Inspector(s) _____ Date of Inspection/Time (mm/dd/yyyy) (hh:mm) _____

OPTIONAL CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Owner, Operator, or an Authorized Representative _____ Name and Title (Print) _____ Date (mm/dd/yyyy) _____

St. Marys Foundry
10-6-08

**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 No N/A

Has not evaluated lamps.

GENERATOR CLASSIFICATION

2. Does the generator produce <100 kg. of hazardous waste per month? [conditionally exempt small quantity generator ("CESQG")] Yes No N/A

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 No N/A

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 No N/A
- b. Tank that meets 3745-66-90 to 3745-66-101 except 3745-66-97(C)? Yes No N/A
- c. Drip pads that meet 3745-69-40 to 3745-69-45? Yes No N/A
- d. Containment building that meets 3745-256-100 to 3745-256-102? Yes No N/A

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.

REMARKS

USED OIL INSPECTION CHECKLIST

GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS

NOTE: A facility is subject to the federal SPCC regulations (40 CFR 112) if it is non-transportation related (e.g., fixed) and has an aggregate above ground storage capacity greater than 1,320 gallons or a total underground storage capacity greater than 42,000 gallons of oil (including used oil), and there is reasonable expectation of a discharge to navigable waters.

PROHIBITIONS

1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: For example, used oil contaminated scrap metal stored in a pile.

2.	Is used oil used as a dust suppressant? [3745-279-12(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Multiple used oil checklists may be applicable if used oil handler is performing multiple tasks (e.g., if generating used oil and shipping directly to a burner, complete generator and marketer checklists at a minimum).

GENERATOR STANDARDS

4.	Does the generator mix hazardous waste with used oil? If so,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the mixture managed as specified in 3745-279-10(B)? [3745-279-21(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Used Oil mixed with listed (3745-51-30 to 3745-51-35) or characteristic (3745-51-20 to 3745-51-24) hazardous waste are subject to regulation as a hazardous waste, unless the listed hazardous waste is listed solely because it exhibits a hazardous characteristic, and the resultant mixtures do not exhibit a characteristic. Mixtures of used oil and CESQG hazardous waste are subject to OAC Chapter 3745-279.

5.	Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
----	--	--

NOTE: If used oil contains greater than 1000 ppm total halogens, it is presumed to be listed hazardous waste until the presumption is successfully rebutted.

6.	Does the generator store used oil in tanks; or containers; or a unit(s) subject to regulation as a hazardous waste management unit? [3745-279-22(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7.	Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
8.	Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil?" [3745-279-22(C)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Stopped the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Contained the release?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
c.	Cleaned up and properly managed the used oil and other materials?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
d.	Repaired or replaced the containers or tanks prior to returning them to service, if necessary?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

ON-SITE BURNING IN SPACE HEATER

10.	Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so:	
a.	Does the heater burn only used oil that owner/operator generates or used oil received from household do-it-yourself (DIY) used oil generators?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>

b.	Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Are the combustion gases from heater vented to the ambient air?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).

GENERATOR TRANSPORTATION

11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	If the generator self-transport used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]	
a.	Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator?[3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Does the generator transport more than 55 gallons of used oil at any time?[3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Used oil generators may arrange for used oil to be transported by a transporter without a U.S. EPA ID # if the used oil is reclaimed under a contractual agreement (i.e., tolling arrangement).

COLLECTION CENTERS AND AGGREGATION POINTS

13.	Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.	Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Complete Used Oil Generator and any other applicable used oil handler checklist (e.g., marketer, burner, etc.) for used oil collection centers and aggregation points.