



Environmental
Protection Agency

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

Re: Hancock County Engineer
Hancock County
OHD987016466
NOV

May 13, 2011

Mr. Steve Wilson
Hancock County Engineer
P. O. Box 828
Findlay, Ohio 45839-0828

Dear Mr. Wilson:

On April 26, 2011, Gary Deutschman and I, representing the Ohio Environmental Protection Agency (Ohio EPA) met with Mr. Chad Wise of the Hancock County Engineer's maintenance shop to conduct a routine hazardous waste compliance evaluation inspection. The Hancock County Engineer maintenance shop (hereafter referred to as HCE) located at 1900 Lima Avenue notified Ohio EPA that you were a Small Quantity Generator of hazardous waste in 1991.

We inspected HCE 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 the remaining violations.

HCE provides vehicle maintenance on county vehicles including construction equipment and snow plows.

Wastes generated include: parts washer solvent (Zep 143) which is recycled by DISC, used oil which is also recycled by DISC, used oil filters which are hot drained and disposed of as solid waste, lead acid batteries which are exchanged (Piqua Battery) and fluorescent lamps which are currently disposed of as solid waste. At the time of the inspection, HCE was operating as a non-generator of hazardous waste.

The following violations of Ohio's hazardous waste and used oil rules were observed and noted during the inspection. 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:

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

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

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HCE must immediately cease disposing of the fluorescent lamps as non-hazardous waste until a proper waste evaluation has been completed. 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.

A copy of Fluorescent Lamps: What You Should Know, was given to you at the time of my inspection. I recommend that you review this document and contact me if you have any questions.

Hazardous 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.

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".

To abate this violation, you must confirm how you plan to manage the spent lamps in the future and where they will be recycled if you choose to handle them as universal waste.

2. Labeling of Used Oil, OAC 3745-279-22(C)(1):

Generators must label or mark containers holding used oil with the words "Used Oil".

HCE had one tank holding used oil. This tank was not labeled "Used Oil" at the time of inspection.

On May 6, 2011, I received an email showing the tank labeled "Waste Oil". You must label it "Used Oil" and send me a new photograph showing the tank properly labeled "Used Oil". The regulations are specific. If it would be easier, you can just add the word "Used" before "Waste Oil" and that would still be acceptable.

Enclosed you will find a copy of the checklists that I completed during the inspection. 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>.

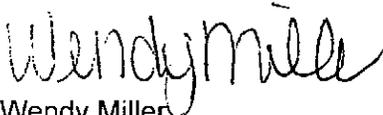
The Division of Hazardous Waste Management has created an electronic news service to provide you with quick and timely updates on events and news related to hazardous waste activities in Ohio. If you haven't already, we encourage you to sign-up for this free service.

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You can find more information at Web link <http://www.epa.ohio.gov/dhwm> (click on the link for DHWM Electronic Mailing List).

Should you have any questions or if I can be of assistance, please contact me at (419) 373-3114.

Sincerely,



Wendy Miller
Division of Materials and Waste Management

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Enclosures

pc: Cindy Lohrbach, DMWM, NWDO
Colleen Weaver, DMWM, NWDO
DMWM-HW, NWDO, Hancock County, Hancock County Engineer File...
(New File)

Send to Central Office <input type="checkbox"/>	Ohio Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION/VERIFICATION FORM	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.

Site EPA ID No. Site Name	EPA ID Number: OHD987016466		Website: (Optional)
Site Location Information	Name: Hancock County Engineer		
Site Land Type (check only one)	Street Address: 1900 Lima Avenue		
NAICS code(s) www.census.gov/epcd/www/naics.html	City, Town, or Village: Findlay		State: OH
	County Name: Hancock		Zip Code: 45840
	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"/>	

Facility Representative Additional names can be recorded in number 12 Only provide address information if it is different than the site address	First Name: Steve		MI:	Last Name: Wilson	
	Title:				
	Phone Number:		Phone Number Extension:		
	E-Mail Address:				
	Fax Number:		Fax Number Extension:		
	Street or P.O. Box: P.O. Box 828				
	City, Town or Village: Findlay				
	State: OH		Zip Code: 45839-0828		

Legal Owner And Operator of the Site. 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):		
	Owner Type:	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:				
	City, Town or Village:		Owner Phone #:		
	State:		Country:		Zip Code:
	Name of Site's Operator:		Date Became Operator (mm/dd/yyyy):		
	Operator Type:	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:				
	City, Town or Village:		Operator Phone #:		
	State:		Country:		Zip Code:

VIOLATIONS CITED?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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TYPE OF HANDLER - MARK "X" AS APPROPRIATE

<input checked="" 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 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

PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: Hancock County Engineer Facility Type: NON Date of Inspection: 4/26/11 EPA ID#: OHD987016466

Waste Generated		On- or Off-Site Management			P2 Activities	
Process/Activity Generating Waste <small>(e.g. plating bath, machining, baghouse, painting, general maintenance, etc)</small>	Waste Description <small>(e.g. sludge, solvent, ash, used oil, spent lamps, etc.) and EPA Waste Code, if applic.</small>	QTY Generated per Month, Type of Accumulation (container, tank, etc) and location of waste accumulation area	Type of On-Site Treatment <small>(recycle, wwt, etc)</small>	Name, state, and type of activity occurring at the off-site facility.	Current P2 Activities	P2 Opportunities
1 Vehicle Maintenance	Used Oil	Tank, 125 gal/month <i>(burned for energy recovery)</i>		DISC		
2 Vehicle Maintenance	Used Oil Filters			Solid waste after not drained		Could recycle for metal content
3 Maintenance	Spent batteries			Piqua Battery		
4 Lighting	Fluorescent lamps			Solid waste dumpster		
5 Part Cleaning	Parts washer solvent, non-haz			15-20 gal./year non-haz DISC		
6						

**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"/>
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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 type="checkbox"/> N/A <input checked="" 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 type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Cleaned up and properly managed the used oil and other materials?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is the heater designed to have a maximum capacity of not more than	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	0.5 million BTU per hour?	
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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
12.	If the generator self-transportes used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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.