



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 Korteski, Director

Re: Davidson/Brown, Inc.
Lucas County
OHR000035089
Hazardous Waste
Notice of Violation

January 23, 2008

Mr. Andrew Brown
Davidson/Brown, Inc.
3454 Silica Road
Sylvania, Ohio 43560

Dear Mr. Brown:

On January 7, 2008, the Ohio Environmental Protection Agency (Ohio EPA) conducted a compliance evaluation inspection of Davidson/Brown, Inc. (DBI) located in Sylvania, Ohio. Wendy Miller and I inspected DBI 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). Pollution prevention options were also discussed during this inspection. This letter will explain the violations we found and what you need to do to correct these violations.

Davidson/Brown, Inc. installs and services conveyors, bulk material handling systems, machinery and equipment, and distribution systems. Operations include fabrication and erection of structural steel, a metal fabrication shop, engineering, estimating, CAD and purchasing departments. Hazardous waste generated by DBI includes spent solvent (D001, D035, F003, F005) from their painting operations. At the time of the inspection, DBI was operating as a conditionally exempt small quantity generator of hazardous waste, however, your generator status could fluctuate in the future depending on the amount of business you have in a given month.

The used oil generated is stored in a 250-gallon tank and picked up by DISC Environmental for recycling. A small 5-gallon parts washer is used on occasion and is self-serviced by adding additional mineral spirits as needed. The large steel parts are painted inside the fabrication building using an airless spray gun system. DBI stated that they do not have an air permit for the facility. DBI also generates spent fluorescent lamps at the facility.

We found the following violations of Ohio's hazardous waste and used oil 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. **OAC Rule 3745-52-11: Waste Evaluation:** Any person who generates a waste must determine if that waste is a hazardous waste by using generator knowledge or by testing the waste.

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

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.

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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. I have enclosed a copy of Fluorescent Lamps: What You Should Know. I recommend that you review this document and contact me if you have any questions.

DBI must submit to Ohio EPA documentation to demonstrate how you plan to properly manage your fluorescent bulbs. If DBI decides to conduct waste sampling, please notify me at least seven days prior to the sampling event date, so that a representative from Ohio EPA can be present to observe the sampling and to split samples if necessary. If DBI plans to manage the spent fluorescent bulbs as universal waste, please submit photographic documentation showing the storage containers properly closed, labeled, and dated. DBI must also properly train employees, who handle or have responsibility for managing universal waste, on waste handling and emergency procedures relative to their responsibilities. In addition, DBI must submit the name of the facility where you plan to recycle the bulbs.

2. OAC Rule 3745-279-22(C)(1): Labeling

Containers, aboveground tanks, and fill pipes used for underground storage tanks shall be labeled or marked clearly with the words "used oil."

DBI had one 250-gallon tank of used oil located outside the building that was not properly labeled.

DBI properly labeled the tank with the words "used oil" at the time of our investigation.

Therefore, this violation is considered abated.

Ohio EPA will issue an EPA ID number to track our inspection activity at DBI. DBI cannot use this number for manifesting hazardous waste shipments. If DBI wants to use an EPA ID number for manifesting and other hazardous waste, used oil or universal waste activities, you must complete and submit a Notification of Regulated Waste Activity form (*EPA Form 9029 (Rev. 11/2002)*) to Ohio EPA. This form is available at <http://www.epa.state.oh.us/dhwm/notiform.html> or you can call me at (419) 373-3066 or the Division of Hazardous Waste Management, Central Office, RIS at (614) 644-2977 and we will mail you a copy.

Enclosed you will find a copy of the checklists that I completed during the investigation, a guidance document: Managing Your Hazardous Waste – A Guide for Small Businesses, and a Fact Sheet outlining the used oil generator requirements. Please review this information and contact me if you have any questions. Also enclosed are two articles regarding solvent-based and aqueous parts washers. Ohio EPA suggests that DBI investigate switching from a solvent-based to an aqueous parts washer at the facility.

Ohio EPA has helpful information about compliance assistance and pollution prevention at the following web address: <http://www.epa.state.oh.us/ocapp/ocapp.html>. In addition, you can also find copies of the rules and other information on the division's web page at <http://www.epa.state.oh.us/dhwm>.

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If you have any questions or if I can be of assistance, please contact me at (419) 373-3066.

Sincerely,



Melissa L. Boyers
Division of Hazardous Waste Management

/csl

Enclosures

pc: Cindy Lohrbach, DHWM, NWDO
Colleen Weaver, DHWM, NWDO
Toledo Environmental Services
(DHWM, NWDO Lucas County General File.)

ec: Melissa Boyers, 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.

E-mail this completed form to tammy.mcconnell@epa.state.oh.us or mail it to Tammy McConnell, Central Office	Ohio Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION/VERIFICATION FORM		For Ohio EPA use only																	
2. Site EPA ID No.	EPA ID Number: OHR000035089																			
3. Site Name	Name: Davidson/Brown, Inc.		Website (optional):																	
4. Site Location Information	Street Address: 3454 Silica Road																			
City, Town, or Village: Sylvania		State: OH																		
County Name: Lucas		Zip Code: 43560																		
5. Site Land Type (check only one)	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Private</td> <td>County</td> <td>District</td> <td>Federal</td> <td>Indian</td> <td>Municipal</td> <td>State</td> <td>Other</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			Private	County	District	Federal	Indian	Municipal	State	Other	X								
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X																				
6. NAICS code(s) www.census.gov/epcd/www/naics.html	A.		B.																	
C.		D.																		
7. Facility Representative: Additional names can be recorded in number 12. Only provide address information if it is different than the site address.	First Name: Andrew MI: Last Name: Brown																			
Phone Number: 419-841-2866		Phone Number Extension:																		
E-Mail Address:																				
Fax Number: 419-841-5661		Fax Number Extension:																		
Street or P.O. Box:																				
City, Town or Village:																				
State:		Country:	Zip Code:																	
8. 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.	A. Name of Site's Legal Owner:		Date Became Owner (mm/dd/yyyy):																	
Owner Type: Mark with an X		<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Private</td> <td>County</td> <td>District</td> <td>Federal</td> <td>Indian</td> <td>Municipal</td> <td>State</td> <td>Other</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			Private	County	District	Federal	Indian	Municipal	State	Other								
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Street or P.O. Box:																				
City, Town, or Village:		Owner Phone #:																		
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B. Name of Site's Operator:		Date Became Operator (mm/dd/yyyy):																		
Operator Type: Mark with an X		<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Private</td> <td>County</td> <td>District</td> <td>Federal</td> <td>Indian</td> <td>Municipal</td> <td>State</td> <td>Other</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			Private	County	District	Federal	Indian	Municipal	State	Other								
Private	County	District	Federal	Indian	Municipal	State	Other													
Street or P.O. Box:																				
City, Town, or Village:		Operator Phone #:																		
State:		Country:	Zip Code:																	
9. Violations Cited?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No																		
10. Type of Regulated Waste Activity (Mark "X" in all of the appropriate boxes.)																				
<input type="checkbox"/>	Not Regulated																			

10. Type of Regulated Waste Activity (Mark "X" in all of the appropriate boxes.)

A. Hazardous Waste Activities
 (choose only one of the following categories)

<input type="checkbox"/>	UNKNOWN: Cited for violation of 3745-52-11	<input type="checkbox"/>	3. Treater, Storer or Disposer of Hazardous Waste
<input type="checkbox"/>	a. Large Quantity Generator (LQG):	<input type="checkbox"/>	4. Recycler of Hazardous Waste
<input type="checkbox"/>	b. Small Quantity Generator (SQG)	<input type="checkbox"/>	5. Exempt Boiler and/or Industrial Furnace
<input checked="" type="checkbox"/>	c. Conditionally Exempt Small Quantity Generator	<input type="checkbox"/>	a. Small Quantity On-site Burner Exemption
<input type="checkbox"/>	d. United States Importer of Hazardous Waste	<input type="checkbox"/>	b. Smelting, Melting, Refining Furnace Exemption
<input type="checkbox"/>	e. Mixed Waste (hazardous and radioactive) Generator	<input type="checkbox"/>	6. Underground Injection Control Facility

B. Universal Waste Activities		C. Used Oil Activities	
<input type="checkbox"/>	1. Small Quantity Handler of Universal Waste (Indicate types of universal waste generated and/or accumulated (check all boxes that apply):	<input checked="" type="checkbox"/>	1. Used Oil Generator
<input type="checkbox"/>	2. Large Quantity Handler of Universal Waste (accumulates 5,000 kg or more).	<input type="checkbox"/>	2. Used Oil Transporter Indicate Type(s) of Activity(ies)
<input type="checkbox"/>	3. Destination Facility for Universal Waste (Check all boxes below that apply for each of the three types of facilities above.)	<input type="checkbox"/>	Transporter
		<input type="checkbox"/>	Transfer Facility
		<input type="checkbox"/>	3. Used Oil Processor and/or Re-refiner Indicate Type(s) of Activity(ies)
		<input type="checkbox"/>	Processor
		<input type="checkbox"/>	Re-refiner
		<input type="checkbox"/>	4. Off-Specification Used Oil Burner
		<input type="checkbox"/>	5. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)
		<input type="checkbox"/>	a. Marketer Who Directs Shipment of Off-Specification Oil
		<input type="checkbox"/>	b. Used Oil to Off-Specification Used Oil Burner

11. Waste Codes for Federally Regulated Hazardous Wastes. Please list the codes for the federally regulated hazardous waste handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more space is needed. If there are more than 7 waste codes and they are the same as listed in the most recent RCRA Info source record, you do not need to list them all. Instead just indicate the date of the most recent source record.

D001	D035	F003	F005			
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12. Comments: Use this area to describe whether the inspection was announced, whether the waste is stored in tanks or containers, etc.

N	Announced ?	Additional Facility Representatives:	Other comments:
N	Tanks?		
Y	Containers?		

13. Name of Inspector(s) Name of Inspector(s) Date of Inspection/ Time (mm-dd-yyyy) (HH:MM)

Melissa Boyers	Wendy Miller	1-7-2008 12:30
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14. 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)

**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

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

Fluorescent Bulbs have not been evaluated.

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 No N/A
- a. Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)] Yes No N/A
2. Is used oil used as a dust suppressant? [3745-279-12(B)] Yes No N/A
3. Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)? Yes No N/A

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 No N/A
- a. Is the mixture managed as specified in 3745-279-10(B)? [3745-279-21(A)] Yes No N/A

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 No N/A

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 No N/A
7. Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)] Yes No N/A
8. Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil?" [3745-279-22(C)] 250 gal. storage tank not properly labeled. Yes No N/A

9. Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]
- a. Stopped the release? Yes No N/A
- b. Contained the release? Yes No N/A
- c. Cleaned up and properly managed the used oil and other materials? Yes No N/A
- d. Repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes No N/A

ON-SITE BURNING IN SPACE HEATER

10. Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so: Yes No N/A
- 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 No N/A
- b. Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour? Yes No N/A
- c. Are the combustion gases from heater vented to the ambient air? Yes No N/A

GENERATOR TRANSPORTATION

11. If the generator self-transport used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24] Yes No N/A
- a. Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator?[3745-279-24] Yes No N/A
- b. Does the generator transport more than 55 gallons of used oil at any time?[3745-279-24] Yes No N/A

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

12. 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 No N/A
13. Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31] Yes No N/A
14. Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32] Yes No N/A

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.

Keyword: UsedOilChecklistforGenerators.Oct.2007.doc

PROCESS DESCRIPTION/WASTE ACTIVITIES SUMMARY

Facility Name: Davidson/Brown, Inc. Facility Type: LQG/SQG/CESQG/TSD EPA ID#: OHR000035089

Description of Waste				On-Site Management			Off-Site Management
Process/Activity Generating Waste <small>(e.g. plating bath, machining, baghouse, painting, etc)</small>	Waste Generated <small>(e.g. sludge, spent solvent, ash, etc)</small>	EPA Waste Code	QTY Generated per Month	Type of Accumulation/Storage <small>(e.g. container, tank, etc)</small>	Type of On-Site Treatment <small>(recycle, wwt, etc)</small>	Waste Location <small>(Include map if possible)</small>	Name, state, and type of activity occurring at the facility.
1 Lighting	Spent Fluorescent Bulbs						Currently managed as solid wa
2 General vehicle maintenance and oil changes	Used Oil & Filters			250-gallon storage tank		Maintenance Shop	Picked up for recycling by DISC
3 Machine Shop	Parts Washer Solution – Mineral Spirits	D001				Maintenance Shop	Self-Serviced unit
4 Painting	Waste Paint & Spent Solvents	D001, D035, F003, F005	Approx 20 gal.	Drums		Outside storage area	Cousins