



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

June 21, 2007

RE: POLYONE CORPORATION
OHD 987-053-949
LORAIN COUNTY
RCRA CEI NOV
SQG

Mr. Glen A. Schneider
HS&E Site Safety Engineer
PolyOne Corporation
33587 Walker Road
Avon Lake, OH 44012

Dear Mr. Schneider:

On May 31, 2007, I, representing the Ohio Environmental Protection Agency's (Ohio EPA) Division of Hazardous Waste Management (DHWM), conducted an inspection for compliance with Ohio's hazardous waste regulations, as found in Chapter 3734 of the Ohio Revised Code (ORC), and Chapter 3745 of the Ohio Administrative Code (OAC) at PolyOne Corporation (PC), located at 33587 Walker Road, Avon Lake, Ohio. You represented the facility. During the inspection we talked about ways to prevent pollution by reducing waste. My inspection included an inspection of company operations, and a review of written documentation.

PC has two main plants and two basic operations. One being the Headquarters (which includes Research and Development), and the other being the Compound Manufacturing Plant (where polyvinyl chloride pellets and cubes are manufactured). Hazardous waste generated in the Headquarters/R&D area include: various lab pack chemicals (some waste codes include: D001, D002, D003, D005, D007, D008, U029, U067, D071, U096, U102, U123, U138, U154, U404); lab packs containing acute hazardous waste (P028, P030, P105, P106, P116); Tetrahydrofuran solvent mixture (D001); waste combustible liquids containing vinyl chloride (D043); waste resorcinol (U201); waste aerosols (D001) (PC punctures the cans, removing the aerosols, and recycles the cans); Plasticizers (F003, U028); waste mercury contained in manufacturing articles (D009, U151); waste flammable corrosive liquids (D001, D002, F002, U213); waste sulfuric acid (D002); waste flammable mixed solvent liquids (D001, F003, F005); fluorescent lamps (recycled, the "Green Lamps" are used in many areas); used oil; cardboard (recycled); old drums/containers (recycled); concrete/asphalt (recycled); scrap metal (recycled); wood (recycled); aluminum cans (recycled); used paper (recycled); parts washer solvent (recycled) THF (recycled); plastic (recycled); popcorn packaging (recycled); Tyvek (recycled). PC has several satellite accumulation areas and a two container storage areas. Hazardous waste streams are sent to Velolia Technical Solutions, LLC. (Formally known as Onyx Environmental Services LLC.) Solvents from the parts washer are managed by Safety Kleen Systems, Inc. The fluorescent lamps and batteries are sent to the Lorain County Solid Waste Management District. PC was evaluated as a small quantity generator (SQG) of hazardous waste.

A copy of our checklist is enclosed for your information. At the time of the inspection, PC was evaluated for compliance with applicable Hazardous Waste Regulations. The inspection revealed that PC is in violation of the following regulations:

VIOLATIONS:

1. **OAC rule 3745-65-33, Testing and Maintenance of Emergency Equipment:**
All facility communication or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment (where required) must be tested and maintained as necessary to assure its proper operation in time of emergency. The owner or operator must record the inspections in a log or summary. They shall keep these records for at least three years from the date of the inspection. At a minimum, these records shall include the date and time of the inspection, the name of the person performing the inspection, a notation of the observations made, and the date and nature of any tests and any repairs or other remedial actions.

It was noted at the time of the inspection that PC had emergency equipment near the container storage shed, an emergency response vehicle, and communication equipment for all employees. At the time of the inspection, PC could not demonstrate that the required inspections were being performed on this equipment.

To abate this violation, PC shall have dedicated emergency/spill control/decontamination equipment for the container storage areas. PC shall immediately begin to inspect/test the equipment on a timely basis to assure its proper operation in time of emergency and record the results of the inspections/tests in a log or summary. To document compliance, PC shall submit a copy the completed inspection log/summary to the Ohio EPA's Northeast District Office (NEDO).

2. **OAC rule 3745-52-34(C)(1)(a), Container Management:**
Facilities shall manage hazardous wastes in containers which are: (A) closed (except when adding/removing waste); (B) in good condition (rule 3745-52-34(C)(1)); (C) compatible with wastes stored in them (rule 3745-52-34(C)(1)); and (D) handled in a manner which prevents rupture/leakage.

PC failed to store/manage hazardous waste in a container which was closed. It was noted during the inspection that the 5-gallon bucket used to collect scrap mercury in Building 425 (a.k.a. the Bunker Building/Lab pack Station) was open.

To abate this violation, PC shall close the container and keep all containers of hazardous waste closed, except when adding/removing waste. To document compliance, PC shall submit a photograph of the properly closed container to the Ohio EPA's NEDO.

The drum was closed at the time of the inspection, therefore this violation is abated. No further action is required.

3. **OAC rule 3745-273-14(E), Lamp labeling for SQGUWH:**
Lamps or containers or packages of lamps shall be labeled with the words “Universal Waste - Lamp(s)” or “Waste Lamp(s)” or “Used Lamp(s)”.

It was noted during the inspection that there were four boxes of 2', and two boxes of U-tube fluorescent bulbs being stored in the Hazardous Waste Storage Area. PC failed to label the lamps or lamp containers with the above nomenclature. To abate this violation, PC shall label all spent fluorescent lamps (or the container storing the lamps) with the words “Universal Waste - Lamp(s)”, or “Waste Lamp(s)”, or “Used Lamp(s)”. To document compliance PC shall submit photographs of the labeled lamps or container of lamps to the Ohio EPA's NEDO.

4. **OAC rule 3745-273-14(A), Battery Management:**
Small Quantity Generators of Universal Waste Handlers shall label battery(ies), container(s) of batteries, with the words “Universal Waste-Batteries”, or “Waste Battery(ies)”, or “Used Battery(ies)”.

It was noted during the inspection that there were a total of nine lead-acid batteries (7 of which were large and 2 small ones) stored in Building 425. All of the batteries lacked the above nomenclature.

To abate this violation, PC shall label the batteries (or the container storing the batteries) with the words “Universal Waste-Batteries”, or “Waste Battery(ies)”, or “Used Battery(ies)”. To document compliance, PC shall submit photographs of the properly labeled batteries to the Ohio EPA's NEDO.

5. **OAC rule 3745-273-15(A), Accumulation Time for SQGUW:**
A small quantity handler of universal waste may accumulate universal waste for no longer than one year from the date the universal waste is generated or received from another handler.

PC shall be able to demonstrate the length of time that the universal waste (including both fluorescent bulb and lead-acid batteries) has been accumulated from the date it becomes a waste. PC may make this demonstration by:

- a. Placing the universal waste in a container and marking or labeling the container with the earliest date that any universal waste in the container became a waste or was received;
- b. Marking or labeling each individual item of universal waste with the date it became a waste or was received;
- c. Maintaining an inventory system on-site that identifies the date each universal waste became waste or was received;

- d. Maintaining an inventory system on-site that identifies the earliest date that any universal waste in a group of universal waste became a waste or was received;
- e. Placing the universal waste in a specific accumulation area and identifying the earliest date that any universal waste in the area became a waste or was received; or
- f. Any other method which clearly demonstrates the length of time that the universal waste has been accumulated from the date it becomes a waste or is received.

Please inform me which method PC will use to demonstrate the length of time that universal waste is accumulated. This information shall be sent to the Ohio EPA's NEDO.

It was noted during the inspection that PC has changed their generator status from a large quantity generator (LQG) to a small quantity generator (SQG). You are advised to re-notify the Ohio EPA of your current generator status and name change. Please fill out the RCRA Subtitle C Site Identification Form <http://www.epa.state.oh.us/dhwm/notiform.pdf> and return to the Ohio EPA.

POLLUTION PREVENTION:

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (i.e. source reduction). For those wastes and pollutants that are generated, the second is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment and improve your public image by implementing pollution prevention programs. During the inspection, we talked about pollution prevention (P2) opportunities associated with your facility.

The Office of Compliance Assistance and Pollution Prevention provides compliance and pollution prevention assistance on environmental issues related to air, land and water. There website is: <http://www.epa.state.oh.us/opp/ocapp.html>.

Enclosed you will find a copy of the checklists that we completed during the inspection. You can find copies of the rules and other information on the division's web page at <http://www.epa.state.oh.us/dhwm>.

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.

POLYONE CORPORATION
JUNE 21, 2007
PAGE – 5 –

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.

The above violations must be corrected, and documentation of the correction (i.e. copies of documents and photographs) must be sent to this office, to my attention, within thirty (30) days after receipt of this letter.

Failure to list specific deficiencies in this communication does not relieve PC from the responsibility of complying with all applicable regulations. Please be advised that present or past instances of non-compliance can continue as subjects of pending or future enforcement actions.

Should you have any questions or concerns, please do not hesitate to call me at (330) 963-1189.

Sincerely,



Gregory Orr
Environmental Specialist
Division of Hazardous Waste Management

GO:ddw

Enclosure

ec: Natalie Oryshkewych, DHWM, NEDO

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: OHD 987-053-949								
3. Site Name	Name: POLYONE AVON LAKE FACILITY		Website (optional):						
4. Site Location Information	Street Address: 33587 WALKER ROAD								
	City, Town, or Village: AVON LAKE		State: OH						
	County Name: LORAIN COUNTY		Zip Code: 44012						
5. Site Land Type (check only one)	Private	County	District	Federal	Indian	Municipal	State	Other	
	<input checked="" type="checkbox"/>								
6. NAICS code(s) www.census.gov/epcd/www/naics.html	A. 325991		B.						
	C.		D.						
	7. Facility Representative First Name: PATRICK				MI: C		Last Name: BRANDY		
	Phone Number: 440-930-1310				Phone Number Extension:				
Additional names can be recorded in number 12. Only provide address information if it is different than the site address.	E-Mail Address: Patrick.brandy@polyone.com								
	Fax Number: 440-930-1445				Fax Number Extension:				
	Street or P.O. Box: 33587 WALKER RODAD								
	City, Town or Village: AVON LAKE								
State: OHIO			Country: USA			Zip Code: 44012			
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):					
	POLYONE			09/01/2001					
	Owner Type: Mark with an X	Private	County	District	Federal	Indian	Municipal	State	Other
		<input checked="" type="checkbox"/>							
	Street or P.O. Box: 33587 WALKER ROAD								
	City, Town, or Village: AVON LAKE				Owner Phone #: 440-930-1000				
	State: OHIO				Country: USA		Zip Code: 44012		
	B. Name of Site's Operator:			Date Became Operator (mm/dd/yyyy):					
	POLYONE			09/01/2001					
	Operator Type: Mark with an X	Private	County	District	Federal	Indian	Municipal	State	Other
	<input checked="" type="checkbox"/>								
Street or P.O. Box: 33587 WALKER ROAD									
City, Town, or Village: AVON LAKE				Operator Phone #: 440-930-1000					
State: OHIO				Country: USA		Zip Code: 44012			
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.)									
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"/>	3. Treater, Storer or Disposer of Hazardous Waste
<input type="checkbox"/>	UNKNOWN: Cited for violation of 3745-52-11	<input type="checkbox"/>	4. Recycler of Hazardous Waste
<input type="checkbox"/>	a. Large Quantity Generator (LQG):	<input type="checkbox"/>	5. Exempt Boiler and/or Industrial Furnace
<input checked="" type="checkbox"/>	b. Small Quantity Generator (SQG)	<input type="checkbox"/>	a. Small Quantity On-site Burner Exemption
<input type="checkbox"/>	c. Conditionally Exempt Small Quantity Generator	<input type="checkbox"/>	b. Smelting, Melting, Refining Furnace Exemption
<input type="checkbox"/>	d. United States Importer of Hazardous Waste	<input type="checkbox"/>	6. Underground Injection Control Facility
<input type="checkbox"/>	e. Mixed Waste (hazardous and radioactive) Generator	<input type="checkbox"/>	7. Hazardous Waste Transporter
B. Universal Waste Activities		C. Used Oil Activities	
<input checked="" type="checkbox"/>	1. Small Quantity Handler of Universal Waste	<input checked="" type="checkbox"/>	1. Used Oil Generator
(Indicate types of universal waste generated and/or accumulated (check all boxes that apply):		2. Used Oil Transporter Indicate Type(s) of Activity(ies)	
<input type="checkbox"/>	2. Large Quantity Handler of Universal Waste	<input type="checkbox"/>	Transporter
(accumulates 5,000 kg or more).		<input type="checkbox"/>	Transfer Facility
<input type="checkbox"/>	3. Destination Facility for Universal Waste	3. Used Oil Processor and/or Re-refiner	
(Check all boxes below that apply for each of the three types of facilities above.)		Indicate Type(s) of Activity(ies)	
	<u>Generated</u> <u>Accumulated</u>	<input type="checkbox"/>	Processor
A. Batteries	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Re-refiner
B. Pesticides	<input type="checkbox"/> <input type="checkbox"/>	4. Off-Specification Used Oil Burner	
C. Thermostats	<input checked="" type="checkbox"/> <input type="checkbox"/>	5. Used Oil Fuel Marketer -	
D. Lamps	<input checked="" type="checkbox"/> <input type="checkbox"/>	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 RCRAInfo source record, you do not need to list them all. Instead just indicate the date of the most recent source record.

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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.

<u>Y</u> / <u>N</u>	Announced ?	Additional Facility Representatives:	GLEN SCHNEIDER
<u>Y</u> / <u>N</u>	Tanks?	Other comments:	
<u>Y</u> / <u>N</u>	Containers?		

13. Name of Inspector(s)	Name of Inspector(s)	Date of Inspection/ Time (mm-dd-yyyy) (HH:MM)
GREG ORR		05/31/2007

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)

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

CESQG: ≤ 100 Kg. (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:

GENERAL REQUIREMENTS

- | | | | | | | |
|--|-----|-------------------------------------|----|-------------------------------------|-----|--------------------------|
| 1. Have all wastes generated at the facility been adequately evaluated? [3745-52-11] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 2. Has the generator obtained a U.S. EPA I.D. number? [3745-52-12] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 3. Has the generator transported or caused to be transported hazardous waste to other than a facility authorized to manage the hazardous waste? [ORC3734.02(F)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| 4. Has the generator disposed of hazardous waste on-site without a permit or at another facility other than a facility authorized to dispose of hazardous waste? [ORC 3734.02 (E) & (F)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| 5. Does the generator accumulate hazardous waste? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |

NOTE: If the SQG does not accumulate or treat hazardous waste, it is not subject to 52-34 standards. All other requirements might still apply, e.g. manifest, marking, LDR, etc.

- | | | | | | | |
|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|
| 6. Has the generator accumulated hazardous wastes <u>in excess of (180/270) days</u> without a permit or an extension from the Director? [3745-52-34; ORC §3734-02(E)&(F)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|

NOTE: SQG's shipping waste to a facility greater than 200 miles away can accumulate on-site for 270 days. [3745-52-34 (E)]

- | | | | | | | |
|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|
| 7. Is the generator accumulating more than 6,000 kg on site? [3745-52-34(D)] | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
|--|-----|--------------------------|----|-------------------------------------|-----|--------------------------|

NOTE: 6,000 kg = approximately 27, 55-gallon drums. If the facility is accumulating waste for greater than 180/270 days without an extension/permit or is accumulating greater than 6,000 kg on-site, it is classified as a storage facility and TSD standards apply. Complete applicable TSD checklists.

- | | | | | | | |
|---|-----|--------------------------|----|-------------------------------------|-----|--------------------------|
| 8. 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 checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| b. Tank that meets 3745-66-90 to 3745-66-101 except 3745-66-97 (C)? | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| c. Drip pads that meet 3745-69-40 to 3745-69-45? | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |
| d. Containment building that meets 3745-256-100 to 3745-256-102? | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | N/A | <input type="checkbox"/> |

NOTE: Complete appropriate checklist for each unit.

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

MANIFEST REQUIREMENTS

- | | | | | | | |
|---|-----|-------------------------------------|----|--------------------------|-----|--------------------------|
| 9. Are all hazardous wastes either reclaimed under a contractual agreement as defined in OAC rule 3745-52-20(E), or shipped off-site accompanied by a manifest (U.S. EPA Form 8700-22)? [3745-52-20(A)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| 10. Are wastes reclaimed under a contractual agreement? If so: [3745-52-20(E)] | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
| a. Does the contractual agreement specify the type of waste and frequency of shipment? | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |

- b. Is the transport vehicle owned and operated by the reclaimer? Yes No N/A
- c. Is a copy of the reclamation agreement kept on-site for at least three years after termination/expiration of the agreement? Yes No N/A

NOTE: If wastes are reclaimed under a contractual agreement and an answer to questions 10(a) through 10(c) is no, the generator is in violation of 3745-52-20 (A) (B) & (D), 3745-52-22 and 3745-52-23. Even if the waste is being reclaimed under agreement, LDRs still apply. Complete LDR checklist.

11. Have items 1 through 20 of each manifest been completed?[3745-52-20(A)] Yes No N/A

NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations, items (21) through (35) must also be complete. [3745-52-20 (A)]

12. Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)] Yes No N/A

NOTE: The generator may designate on the manifest one alternative facility to handle the waste in the event of an emergency which prevents the delivery of waste to the primary designated facility. [3745-52-20(C)]

13. If the transporter was unable to deliver a shipment of hazardous waste to the designated facility did the generator designate an alternative TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)] Yes No N/A

14. Have the manifests been signed by the generator and initial transporter? [3745-52-23 (A) (1) and (2)] Yes No N/A

NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have made a good faith effort to minimize their waste generation.

15. If the generator did not receive a return copy of each completed manifest within 60 days of being accepted by the transporter did the generator submit to Ohio EPA, a copy of the manifest with some indication that the generator has not received confirmation of delivery? 3745-52-42(B)] Yes No N/A

16. Are signed copies of all manifests being retained for at least three years? [3745-52-40] Yes No N/A

NOTE: Waste generated at one location and transported along a publicly accessible road for temporary consolidated storage or treatment on a contiguous property also owned by the same person is not considered "on-site" and manifesting and transporter requirements must be met. To transport "along" a public right-of-way the destination facility has to act as a transfer facility or have a permit because this is considered to be "off-site." For additional information see the definition of "on-site" in OAC rule 3745-50-10.

PREPAREDNESS AND PREVENTION

17. Is an emergency coordinator available at all times (on-site or on-call)? [3745-52-34(D)(5)(a)] Yes No N/A

18. Has the following been posted by the telephone: [3745-52-34(D)(5)(b)]

- a. Name and telephone number of emergency coordinator? Yes No N/A
- b. Location of fire and spill control equipment, and, if present, fire alarm(s) Yes No N/A
- c. Telephone number of local fire department? Yes No N/A

19. Are employees familiar with waste handling and emergency procedures [3745-52-34(D)(5)(c)] Yes No N/A

20. Has the facility properly responded to all fires and spills? [3745-52-34(D)(5)(d)] Yes No N/A

21. Is the facility operated to minimize the possibility of fire, explosion, or any unplanned sudden or nonsudden release of hazardous waste? [3745-65-31] Yes No N/A

22. Does the generator have the following equipment at the facility if it is required due to actual hazards associated with the waste:
- a. Internal Alarm system? [3745-65-32(A)] Yes No N/A
 - b. Emergency communication device? [3745-65-32(B)] Yes No N/A
 - c. Portable fire control, spill control and decon equipment? [3745-65-32(C)]? Yes No N/A
 - d. Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)] Yes No N/A
23. Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency?[3745-65-33]
- a. Are inspections recorded in a log or summary? [3745-65-33]? Yes No N/A
24. Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (*unless the device is not required under OAC 3745-65-32*)? [3745-65-34(A)] Yes No N/A
25. If there is only one employee on the premises is there immediate access to a device (ex. phone, hand-held two-way radio) capable of summoning external emergency assistance? (Unless not required under 3745-65-32?) [3745-65-34(B)] Yes No N/A
26. Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35] Yes No N/A
27. Has the generator attempted to familiarize emergency authorities with possible hazards and facility layout? [3745-65-37(A)] Yes No N/A
28. Where authorities have declined to enter into arrangements or agreements, has the generator documented such a refusal? [3745-65-37(B)] Yes No N/A

SATELLITE ACCUMULATION AREA REQUIREMENTS

29. Does the generator ensure that satellite accumulation area(s):
- a. Are at or near a point of generation? {3745-52-34(C)(1)} Yes No N/A
 - b. Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)] Yes No N/A
 - c. Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)] Yes No N/A
 - d. Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)] Yes No N/A
 - e. Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)]. Yes No N/A
 - f. Containers are marked with the words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)] Yes No N/A
30. Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:
- a. Did the generator comply with 3745-52-34(A)(1) through (4) or other applicable generator requirements within three days? [3745-52-34(C)(2)] Yes No N/A
 - b. Did the generator mark the container(s) holding the excess with the accumulation date when the 55 gallon (one quart) limit was exceeded? [3745-52-34(C)(2)] Yes No N/A

NOTE: The satellite accumulation area is limited to 55 gallons of hazardous waste accumulated from a distinct point of generation in the process under the control of the operator of the process generating the waste (less than 1 quart for acute hazardous waste). There could be individual waste streams accumulated in an area from different points of generation.

USE AND MANAGEMENT OF CONTAINERS

- 31. Has the generator marked containers with the words "Hazardous Waste"[3745-52-34(D)(4)] Yes No N/A
- 32. Is the accumulation date on each container? [3745-52-34(D)(4)] Yes No N/A
- 33. Are hazardous wastes stored in containers which are:
 - a. Closed (except when adding/removing wastes)? [3745-66-73(A)] Yes No N/A
 - b. In good condition? [3745-66-71] Yes No N/A
 - c. Compatible with wastes stored in them? [3745-66-72] Yes No N/A
 - d. Handled in a manner which prevents rupture/leakage? [3745-66-73(B)] Yes No N/A

NOTE: Record location on process summary sheets and photograph the area.

- 34. Is the container accumulation area(s) inspected at least weekly? [3745-66-74] Per ORC§1.44(A) "Week" means seven(7) consecutive days. Yes No N/A
 - a. Are inspections recorded in a log or summary? [3745-66-74] Yes No N/A
- 35. Are containers of incompatible wastes stored separately from each other by means of a dike, berm, wall or other device? [3745-66-77(C)] Yes No N/A
- 36. If the generator places incompatible wastes, or incompatible wastes and materials in the same container, is it done in accordance with 3745-65-17(B) 3745-66-77(A)] Yes No N/A
- 37. If the generator places hazardous waste in an unwashed container that previously held an incompatible waste, is it done in accordance with 3745-65-17(B) ? [3745-66-77(B)] Yes No N/A

NOTE: OAC 3745-65-17(B) requires that the generator treat, store, or dispose of ignitable or reactive waste, and the mixture or commingling of incompatible wastes, or incompatible wastes and materials so that it does not create undesirable conditions or threaten human health or the environment.

PRE-TRANSPORT REQUIREMENTS

- 38. Does each generator package/label its hazardous waste in accordance with the applicable DOT regulations? [3745-52-30, 3745-52-31 and 3745-52-32(A)] Yes No N/A
- 39. Does each container ≤100 gallons have a completed hazardous waste label? [3745-52-32(B)] Yes No N/A
- 40. Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33] Yes No N/A

SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS - BATTERIES AND LAMPS

Large Quantity Universal Waste Handler (LQUWH) = 5,000 Kg or more
Small Quantity Universal Waste Handler (SQUWH) = 5,000 Kg or less

PROHIBITIONS

1. Did the SQUWH dispose of universal waste? [3745-273-11(A)] Yes No ___ N/A ___ RMK# ___
2. Did the SQUWH dilute or treat universal waste, except when responding to releases as provided in 3745-273-17 or managing specific wastes as provided in 3745-273-13? [3745-273-11(B)] Yes No N/A ___ RMK# ___

WASTE MANAGEMENT & LABELING/MARKING

UNIVERSAL WASTE BATTERIES

3. Are battery(ies) that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)] Yes No ___ N/A ___ RMK# ___
4. If batteries are contained, are the containers closed and structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(A)(1)] Yes No N/A ___ RMK# ___
5. Does the SQUWH conduct any of the following activities:
- a. Sort batteries by type? Yes No ___ N/A ___ RMK# ___
 - b. Mix battery types in one container? Yes ___ No ___ N/A RMK# ___
 - c. Discharge batteries to remove the electric charge? Yes ___ No ___ N/A RMK# ___

d. Regenerated used batteries? Yes___ No___ N/A X RMK#___

e. Disassemble them into individual batteries or cells? Yes___ No___ N/A X RMK#___

f. Remove batteries from consumer products? Yes___ No___ N/A X RMK#___

g. Remove the electrolyte from the battery? Yes___ No___ N/A X RMK#___

If so, are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)?
[3745-273-13(A)(2)] Yes No___ N/A X RMK#___

6. If the electrolyte is removed or other waste generated, has it been determined whether it is a hazardous waste? [3745-273-13(A)(3)] Yes ___ No N/A X RMK#___

a. If the electrolyte or other waste is characteristic, is it managed in compliance with 3745-50 through 3745-69? [3745-273-13(A)(3)(a)] Yes ___ No N/A X RMK#___

b. If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-13(A)(3)(b)] Yes ___ No N/A X RMK#___

7. Are the battery(ies) or container(s) of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)?" [3745-273-14(A)] Yes___ No X N/A ___RMK#___

UNIVERSAL WASTE LAMPS

Yes No N/A RMK#

8. Does the SQGUHW contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and are compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]

Yes No N/A RMK#

9. Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage spillage or damage that could cause leakage or releases of mercury or hazardous waste constituents to the environment? [3745-273-13(D)(2)]

Yes No N/A RMK#

10. Are the lamps or containers or packages of lamps labeled with the words "Universal Waste - Lamp(s)" or "Waste Lamp(s)" or "Used Lamp(s)?" [3745-273-14(E)]

NOTE: Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility under a hazardous waste manifest.

ACCUMULATION TIME

11. Is the waste accumulated for less than one year? [3745-273-15(A)] If not:

Yes No N/A RMK#

- a. Was the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-15(B)]

Yes No N/A RMK#

NOTE: Accumulation is defined as date generated or date received from another handler.

12. Is the length of time the universal waste is stored documented by **one** of the following: [3745-273-15(C)] Yes ___ No N/A ___ RMK# ___
- a. Marking or labeling the container with the earliest date when the universal waste became a waste or was received? [3745-273-15(C)(1)] Yes ___ No N/A ___ RMK# ___
- b. Marking or labeling individual item(s) of universal waste with the earliest date that it became a waste or was received? [3745-273-15(C)(2)] Yes ___ No N/A ___ RMK# ___
- c. Maintaining an inventory system on-site that identifies the date the universal waste became a waste or was received? [3745-273-15(C)(3)] Yes ___ No N/A ___ RMK# ___
- d. Maintaining an inventory system on-site that identifies the earliest date that any universal waste in a group of universal waste items or a group of containers became a universal waste or was received? [3745-273-15(C)(4)] Yes ___ No N/A ___ RMK# ___
- e. Placing the universal waste in a specific accumulation area and identifying the earliest start date or date received? [3745-273-15(C)(5)] Yes ___ No N/A ___ RMK# ___
- f. Any other method, which clearly demonstrates, the length of time the universal waste has been accumulated from the date it became a waste or was received? [3745-273-15(C)(6)] Yes ___ No N/A ___ RMK# ___

EMPLOYEE TRAINING

13. Are employees who handle or have the responsibility for managing universal waste informed of waste handling/emergency procedures, relative to their responsibilities? [3745-273-16] Yes No N/A ___ RMK# ___

RESPONSE TO RELEASES

14. Are releases of universal waste and other residues immediately contained? [3745-273-17(A)] Yes ___ No N/A RMK# ___
15. Is the material released characterized? [3745-273-17(B)] Yes ___ No N/A RMK# ___
16. If the material released is a hazardous waste, is it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to Chapter 3745-52) [3745-273-17 (B)] Yes ___ No N/A RMK# ___

OFF-SITE SHIPMENTS

NOTE: *If a SQUWH self-transport waste, then they must comply with the Universal Waste transporter requirements.*

17. Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)] Yes No N/A ___ RMK# ___
Yes to bulbs.

NOTE: *SQUWHs are prohibited to send waste to any other facility.*

18. If the universal waste meets the definition of hazardous material under 49 CFR 171-180, are DOT requirements met with regard to package, labels, placards and shipping papers? [3745-273-18(C)] Yes No N/A RMK#
19. Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)] Yes No N/A RMK#
20. If the universal waste shipped off-site is rejected by another handler or destination facility does the originating handler do one of the following:
- a. Receive the waste back? [3745-273-18(E)(1)] Yes No N/A RMK#
- b. Agree to where the shipment will be sent? [3745-273-18(E)(2)] Yes No N/A RMK#
21. If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss one of the following:
- a. Sending the waste back to the originating handler? [3745-273-18(F)(1)] Yes No N/A RMK#
- b. Sending the shipment to a destination facility? (If both the originating and receiving handler agree) [3745-273-18(F)(2)] Yes No N/A RMK#
22. If the handler received a shipment of hazardous waste that was not universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)] Yes No N/A RMK#
23. If the handler received a shipment of nonhazardous, non-universal waste, was the waste managed in accordance with applicable law? [3745-273-18(H)] Yes No N/A RMK#

EXPORTS

24. Is waste being sent to a foreign destination? If so: Yes ___ No X N/A ___ RMK# ___
- a. Does the small quantity handler comply with primary exporter requirements in OAC 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)] Yes ___ No N/A X RMK# ___
- b. Is waste exported only upon consent of the receiving country and in conformance with U.S. EPA's "Acknowledgment of Consent" as defined in 3745-52-50 to -52-57? [3745-273-20(B)] Yes ___ No N/A X RMK# ___
- c. Is a copy of U.S. EPA's "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)] Yes ___ No N/A X RMK# ___

REMARKS

Name: PolyOne Corporation
ID number: OHD 987-053-949
Inspection date: 5/31/2007

USED OIL INSPECTION CHECKLIST (Short Version)

NOTE: This checklist does not include requirements for used oil transporters and transfer facilities, processors and re-refiners, burners, and marketers.

PROHIBITIONS

- 1. Is used oil being managed in a surface impoundment or waste pile? If so: Yes ___ No N/A ___ RMK# ___

Is the surface impoundment or waste pile being regulated under OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-12(A)] Yes ___ No N/A RMK# ___
- 2. Is used oil being used as a dust suppressant? [3745-279-12(B)] Yes No N/A ___ RMK# ___
- 3. Is off-specification used oil fuel burned for energy recovery only in devices specified in 3745-279-12(C)? Yes ___ No N/A ___ RMK# ___

USED OIL GENERATOR STANDARDS

- 4. Does the generator mix hazardous waste with used oil only as provided in 3745-279-10(B)? [2745-279-21(A)] Yes ___ No N/A ___ RMK# ___
- 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 ___ RMK# ___
- 6. Does the generator only store used oil in tanks, containers, or units subject to OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-22(A)] Yes No N/A ___ RMK# ___
- 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 ___ RMK# ___
none at time of inspection
- 8. Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil?" [3745-279-22(C)] Yes ___ No N/A ___ RMK# ___

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 RMK#
- b. Contained the release? Yes No N/A RMK#
- c. Cleaned up and properly managed the used oil and other materials? Yes No N/A RMK#
- d. Repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes No N/A RMK#
10. Does the generator burn used oil in used fired space heaters? [3745-279-23] If so: Yes No N/A RMK#
- 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 RMK#
- b. Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour? Yes No N/A RMK#
- c. Are the combustion gases from heater vented to the ambient air? Yes No N/A RMK#
11. Does the generator have the used oil hauled only by transporters that have obtained U.S. EPA ID#, unless the generator qualifies for an exemption pursuant to 3745-279-24 (self transportation or tolling agreements)? [3745-279-24] Yes No N/A RMK#

USED OIL 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 RMK#
13. Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31] Yes No N/A RMK#
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 RMK#

WASTE EVALUATION

15. Have all wastes generated at the facility been evaluated? [3745-52-11]

Yes No N/A RMK#

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