Pilot Chemical
002 DR
File

OhioEPA

State of Ohio Environmental Protection Agency

Southwest District

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

April 20, 2007

Mr. Dennis Callison, Regulatory/Facility Engineer
Pilot Chemical Company
3439 Yankee Road
Middletown, Ohio 45044

Re: Pilot Chemical Company, 3439 Yankee Road, Middletown, Butler County, RCRA ID#: OHR 000 004 689, CESQG, Notice of Violation

Dear Mr. Callison:

Thank you for accompanying me during the April 10, 2007, inspection of Pilot Chemical Company at 3439 Yankee Road, Middletown, Ohio. Matthew Leary, Ken Gregor and you represented Pilot Chemical. Paul Pardi and I represented Ohio EPA, and Derrick Samaranski represented U.S. EPA. We inspected your facility to determine its compliance with Ohio's hazardous waste laws as found in Chapter 3734. of the Ohio Revised Code (ORC) and Chapter 3745. of the Ohio Administrative Code (OAC). During the inspection we also discussed ways to prevent pollution by reducing waste. This letter will explain the violations found, what you need to do to correct the violations, other general concerns, what you need to do to respond to the general concerns and any pollution prevention opportunities identified.

Background

Pilot Chemical manufactures surfactants and emulsion products, and ships these products by truck and rail. Pilot Chemical is currently operating as a conditionally exempt small quantity generator, but has in the past and may in the future operate as a large quantity generator during single months of the year. This large quantity status occurs when the facility conducts tank clean outs.

Violations

We found the following violations of Ohio's hazardous waste laws. In order to correct these violations you must do the following and send me any required information ***by the dates indicated***:

1. **OAC 3745-52-41(A), Annual Reporting:** A generator who ships any hazardous waste off-site must prepare and submit to Ohio EPA the "Annual Hazardous Waste Report" by March first of each year.

   Although small quantity generators and conditionally exempt small quantity generators are exempt from filing annual reports, a report must be filed for the year if during any month of that year the facility operated as a large quantity generator. Pilot Chemical Company was a large quantity generator at some point during the years 2002, 2003, 2004, and 2005. Pilot Chemical Company did not file an annual hazardous waste report for 2003 nor 2005, in violation of OAC 3745-52-41(A).

➜ Pilot Chemical Company must file an annual report for 2003 and 2005. Please have these reports filed by May 15, 2007. These reports should be sent to our central office. See this link for directions on how to complete and submit the annual reports:

   http://www.epa.state.oh.us/dhwm/ann_report.html

2. **OAC 3745-279-22(C)(1), Used Oil Label:** Containers and aboveground tanks used to store used oil at generator facilities must be labeled or marked clearly with the words "Used Oil".

   The used oil tank and two 55-gallon drums of used oil were labeled "Waste Oil", not with the required words "Used Oil". Pails of used oil located throughout the facility were not labeled at all. Both these situations are in violation of OAC 3745-279-22(C)(1).

➜ Pilot Chemical must ensure that all containers and tanks which store used oil are labeled with the words "Used Oil". Provide evidence that this has been done by May 15, 2007.

3. **OAC 3745-273-13(D)(1), Universal Waste Lamps:** Lamps must be contained in containers or packages that are structurally sound, adequate to prevent breakage and closed.

   The boxes that contained the waste lamps were not closed at the time of the inspection, in violation of 3745-273-13(D)(1).

➜ Pilot Chemical must ensure the containers or packages containing the waste lamps are closed when stored. As a reminder, per OAC 3745-273-09(E), examples of common universal waste electric lamps include, but are not limited to, fluorescent, high intensity discharge, neon, mercury vapor, high pressure sodium, and metal halide lamps.

General Concerns

A. During the inspection, we discussed the times when Pilot Chemical Company was acting as a large quantity generator of hazardous waste. This occurred on or around June 2005, March 2004, September 2004, October 2004, March 2003, September 2002, and March 2002. According to you, typically when this occurs, a third party contractor conducts the clean out of the tank. The material is collected in drums at the location of the tank while the material is being analyzed. This may take around two weeks to do. If the material is usable, then it is worked back into the product stream. If it is unusable, the drums are labeled, and they remain where they are until you have a permitted TSD remove them as hazardous waste. This time period may also be two or more weeks. You stated that no inspections are conducted of the waste material during the time it is accumulated, prior to being shipped off-site.

   By operating this way, Pilot Chemical would be in violation of weekly inspections, personnel training and labeling violations. Also, you would not be operating as allowed within the regulations regarding satellite accumulation areas, because you would have more than 55 gallons of the hazardous waste in the satellite area for longer than three days. As such, this opens you up to possible generator closure standards at each area where you accumulated the drums (i.e., each tank area that was cleaned out where the subsequent material was shipped off-site as a hazardous waste).

We discussed this situation with you during the inspection. The Pilot Chemical Company representatives stated they were going to discuss the situation internally, and prepare a plan to prevent this situation from occurring again in the future. Options presented during the inspection were neutralizing the material in the tank, allocating a <90 day accumulation area for tank clean-out drums, or treating each drum clean-out area as a <90 day accumulation area. If you do have various <90 day accumulation areas, you will also need to revise your contingency plan to show those areas. Pilot Chemical Company can choose one of those options or provide other options as long as your operation falls within what is allowed in Ohio EPA regulations.

B. Pilot Chemical currently ships off a sulfuric/sulfonic material to Dupont. Pilot then receives a product from Dupont in return. In order for Ohio EPA to evaluate this arrangement, you will need to provide more information on what is transpiring. Please provide a general analysis of the material that is being shipped to Dupont, and a written explanation of what Dupont is doing with the material, and what the resulting product of that process is. This explanation can be from Dupont. Also, a more detailed explanation of the arrangement between Dupont and Pilot Chemical is requested. The information provided during the inspection only explained the fee arrangement, not the specifics on what was being done with the material. Additionally, the information was directed to the Pilot Chemical Company in Lockland, Ohio, not Middletown, Ohio. Please provide this information by May 15, 2007.

Pollution Prevention

The Ohio EPA Southwest District Office has a staff employee, Jim Pellegrino, who is available to offer compliance assistance and pollution prevention assessments. If you should wish to have Mr. Pellegrino offer you assistance on potential pollution prevention projects, please contact him at 937-285-6439.

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. You can find more information at the following web address: www.epa.state.oh.us/dhwm/listserv.html. Please feel free to share this information with your colleagues. You can find copies of the rules, compliance checklists, and other information on the division's web page at www.epa.state.oh.us/dhwm.

Summary

Please provide written documentation or photos showing the violations listed have been corrected by May 15, 2007. Additionally, please provide the information requested in item B under General Concerns by May 15, 2007 as well. I have enclosed copies of the checklists from this inspection. Should you have any questions, please feel free to call me at (937) 285-6080.

Sincerely,

Debora Roth

Debora Roth
Environmental Specialist
Division of Hazardous Waste Management

Enclosures: Inspection Checklists, Hazardous Waste Generator Categories and Episodic Generation Guidance, Universal Waste Rules For Handlers of Lamps Guidance.

cc: Dinah Crawford, SWDO File, with Enclosures
Matthew Leary, EHS Manager, Pilot Chemical Company
Derrick Samaranski, U.S. EPA
Tammy Heffelfinger, CO, DHWM

DR\bp

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:** OHR000004689							
3. Site Name	**Name:** Pilot Chemical Co of Ohio					**Website (optional:)**		
4. Site Location Information	**Street Address:** 3439 Yankee Road							
	City, Town, or Village: Middletown				**State:** OH			
	County Name: Butler				**Zip Code:** 45044			
5. Site Land Type (check only one)	**Private**	**County**	**District**	**Federal**	**Indian**	**Municipal**	**State**	**Other**
	X							
6. NAICS code(s) www.census.gov/epcd/www/naics.html	A. 325611			B. 325613				
	C.			D.				
7. Facility Representative: Additional names can be recorded in numbe	**First Name:** Dennis		**MI:**	**Last Name:** Callison				
	Phone Number: 513-424-9200			**Phone Number Extension:** 224				
	E-Mail Address: DPCALLISON@PILOTCHEMICAL.COM							
	Fax Number: 513-424-4922			**Fax Number Extension:**				
Only provide address information if it is different the site addres	**Street or P.O. Box:** 3439 YANKEE RD							
	City, Town or Village: MIDDLETOWN, OH							
	State: OH		**Country:** ~~[illegible]~~ US		**Zip Code:** 45044			
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:** PAUL E. MORAISROE			**Date Became Owner (mm/dd/yyyy):** 1/3/84				
	Owner Type: Mark with an X	**Private**	**County**	**District**	**Federal**	**Indian**	**Municipal**	**State**	**Other**
		X							
	Street or P.O. Box: 2744 E. KEMPER RD							
	City, Town, or Village: CINCINNATI			**Owner Phone #:** 513-326-0600				
	State: OH			**Country:** US		**Zip Code:** 45241		
	B. Name of Site's Operator: KENNETH T. GREVOR			**Date Became Operator (mm/dd/yyyy):** 1/5/2002				
	Operator Type: Mark with an X	**Private**	**County**	**District**	**Federal**	**Indian**	**Municipal**	**State**	**Other**
		X							
	Street or P.O. Box: 3439 YANKEE RD							
	City, Town, or Village: MIDDLETOWN			**Operator Phone #:** 513-424-9700				
	State: OH			**Country:** US		**Zip Code:** 45044		

9. Violations Cited? ☑ Yes ☐ 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)

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

B. Universal Waste Activities

- [X] 1. Small Quantity Handler of Universal Waste

(Indicate types of universal waste generated and/or accumulated (check all boxes that apply):

- [ ] 2. Large Quantity Handler of Universal Waste (accumulates 5,000 kg or more).
- [ ] 3. Destination Facility for Universal Waste

(Check all boxes below that apply for each of the three types of facilities above.)

	Generated	Accumulated
A. Batteries	X	
B. Pesticides		
C.Thermostats		
D. Lamps	X	

C. Used Oil Activities

- [X] 1. Used Oil Generator
- 2. Used Oil Transporter Indicate Type(s) of Activity(ies)
  - [ ] Transporter
  - [ ] Transfer Facility
- 3. Used Oil Processor and/or Re-refiner Indicate Type(s) of Activity(ies)
  - [ ] Processor
  - [ ] Re-refiner
- [ ] 4. Off-Specification Used Oil Burner
- 5. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)
  - [ ] a. Marketer Who Directs Shipment of Off- Specification Oil
  - [ ] 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.

D001	D002	D009	D018	D022	F003	

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

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

13. Name of Inspector(s)	Name of Inspector(s)	Date of Inspection/ Time (mm-dd-yyyy) (HH:MM)
Debora Roth, OHIO EPA	PAUL PARDI OHIO EPA	04-10-2007 9:40 - 12:30

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)
K. Gregor	Ken Gregor Plant Manager	04-10-2007

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR REQUIREMENTS

CESQG:< 100 Kg. (approximately 25-30 gallons) of waste in a calendar month

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*

POLLUTION PREVENTION

Note to the Inspector: This checklist has been developed to help the division in gathering general information about the pollution prevention (P2) practices that the company may have initiated or attempted to initiate. The checklist is also used to:

- Facilitate P2 discussions;
- Identify barriers to P2;
- Define the P2 universe;
- Identify the need for future P2 initiatives;
- Identify partnership opportunities; and
- Link companies with better P2 resources.

As a prelude to completing this checklist the inspector should use the following list of questions as a way to initiate a dialogue concerning P2:

1. Have you tried to reduce the volume of waste (hazardous and nonhazardous) that you generate?

2. What is the largest waste stream that you generate?

3. How important would it be to you to eliminate that waste stream?

4. Does your company understand the reduced regulatory burden and cost saving benefits that eliminating or reducing a waste stream can have?

5. Could you use better housekeeping practices to reduce the amount of waste that you generate?

If the company responds with one of the answers below, the appropriate box should be checked. If the company's response does not correspond to one of the options below, please record the answer in the space provided in the remarks section.

1. Has the company undertaken any P2 activities to reduce the amount of waste generated? _x_Yes ___No ___N/A ___RMK#

a. If so, what has the company done to minimize waste generation?

- ❑ A change in the process resulting in less waste.
- ❑ A change in the product resulting in less waste.
- ❑ Use of fewer and less toxic hazardous raw materials.
- ❑ Better operations/improved housekeeping.
- ❑ On-site recycling/reuse of hazardous materials.
- X Sending waste off-site for recycling/reuse.
- ❑ Other activities (specify):

b. ***If so,*** what wastes have been addressed?

- ❑ Solvents
- ❑ Paint related wastes
- ❑ Industrial process wastes (sludges, slags, contaminated wastes waters, etc.)
- ❑ Contaminated oils/hydraulic fluids
- ❑ Off-spec chemicals
- ❑ Shop rags
- x Other (specify): sulfonic acid pulled off of dehydration step
- ❑ Waste water
- ❑ Solid waste (paper, plastic, metal, wood, blasting material)
- ❑ Air emissions
- ❑ Energy use
- ❑ Fluorescent light bulbs
- ❑ Used batteries

c. If they haven't minimized waste are there barriers that are preventing them from doing it?

- ❑ Lack of information about practical alternatives.
- ❑ Lack of capital to make process changes.
- ❑ Lack of internal management support.
- ❑ The company does not generate enough waste to consider P2.
- ❑ Other reason given (specify):

2. Does the company plan to do P2 activities in the future? ___Yes _x_No ___N/A ___RMK#

3. Would the company be interested in receiving additional information from Ohio EPA about P2? ___Yes _x_No ___N/A ___RMK#

4. Did you give the company information about P2 during the inspection? ___Yes _x_No ___N/A ___RMK#

5. Would the company like a P2 assessment? ___ Yes _x_ No ___ N/A ___ RMK#

A. If yes, provide information that makes the company a good candidate for an assessment (i.e., known specific P2 opportunities exist, the company is willing to cooperate and commit resources to the assessment, the company fully understands DHWM's P2 assessment process, etc.)

B. If no, list the reasons the facility representative gave for not wanting an assessment.

If the company would like a P2 assessment done at their facility, the inspector must give the company representative a copy of the <u>Pollution Prevention for Hazardous Waste Generators</u> document and discuss it with them.

REMARKS

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR REQUIREMENTS

WASTE EVALUATION

1. Have all wastes generated at the facility been evaluated? [3745-52-11] Yes _x_ No___ N/A ___RMK#___

GENERATOR CLASSIFICATION

2. Does the generator produce ≤100 kg. of hazardous waste per month? [conditionally exempt small quantity generator ("CESQG")] Yes _X_ No___ N/A ___RMK#___

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.*

NOTE: *To convert from gallons to pounds:*

Amount in gallons x Specific Gravity x 8.345 = Amount in pounds

OFF-SITE SHIPMENT OF HAZARDOUS WASTE

3. Does the CESQG ensure delivery of hazardous waste(s) to an off-site permitted TSD? [3745-51-05(G)(3)] Yes _x_ No___ N/A ___RMK#___

REMARKS

Pilot has up to several times a year where there are tank cleanouts, and the amount of waste generated causes them to be a large quantity generator. Tank cleanouts are conducted by an outside contractor, sometimes PCI. When this occurs, they drum up the waste, and let it remain at the tank area. They will then analyze the material, which can take a few weeks according to Mr. Dennis Callison. IF the material is determined to be unusable (ie, not able to be reworked) it is marked as waste. A few weeks later, it is removed by Midwest Envrionmental or other TSD. In 205, this occurred once per June 12, 2005 manifest. In 2004 it occurred four times, per March 5, 2004, September 16, 2004, October 4, 2004, and November 11, 2004 manifests. In 2003, it occurred in October and March.

When discussing this situation with representatives of Pilot, it was stated that weekly inspections did not occur of any waste generated during a large quantity generation. (Weekly inspections were conducted at the lab waste accumulation area). It was uncertain when the tank clean out drums would be labeled, but appeared they would be labeled sometime after analysis was received on the drums. Although Pilot stated the drums were labeled, they did not state if they were labeled as "hazardous waste".

When these situations occurred, Pilot appears to be in violation of satellite accumulation and/or container management, weekly inspection, annual reporting and personnel training regulations. Additionally, by leaving the drums throughout the plant, it possibly opens up Pilot to generator closure standards at each location where there had been a tank cleanout, if those areas are considered 90-day accumulation areas.

Although Mr. Callison treats his facility as a small quantity generator under normal operation, they are generating an amount of waste that would classify Pilot as a conditionally exempt small quantity generator.

PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: Pilot Chemical **Facility Type:** LQG/SQG/CESQG/TSD **Date of Inspection:** April 10, 2007 **EPA ID#:OHR000004689**

Waste Generated				On- or Off-Site Management		P2 Activities	
	Process/Activity Generating Waste (e.g. plating bath, machining, baghouse, painting, general maintenance, etc)	**Waste Description** (e.g. sludge, solvent, ash, used oil, spent lamps, etc.) and EPA Waste Code, if applic.	**QTY Generated per Month, Type of Accumulation (container, tank, etc) and location of waste accumulation area**	**Type of On-Site Treatment** (recycle, wwt, etc)	**Name, state, and type of activity occurring at the off-site facility.**	**Current P2 Activities**	**P2 Opportunities**
1	2002, 2004 tank clean out	corrosive liquid acidic organic sulphuric acid D002	3000 pounds		Envir. Enter. Spring Grove		
2	2002 lab	lab waste methanol benzene D001, D018	500 Pounds		Midwest Environmental		
3	2002 lab	lab waste - corrosive waste, chloroform D002, D022	8 Pounds		Klor Kleen		
4	2002 lab	chloroform D022	80 Pounds		Klor Kleen		
5	2004 Lab	methanol chloroform lab waste, D001, D018, D022, F003			Midwest Envrionmental		
6	Spent sulfonic/sulfuric from dehydration process	spent sulfonic acid, waste code N/A	38000 pounds/week			Material is taken by Dupont, reclaimed and returned as raw material for Pilot's use.	

REMARKS–GENERAL INFORMATION

General Process Information:
Additional P2 remarks and information:
Would this facility be interested in a P2 assessment? Yes* No *If yes, refer promptly to your district P2 coordinator.
Office of Compliance Assistance and Pollution Prevention - 1-800-329-7518 or p2mail@epa.state.oh.us or www.epa.state.oh.us/ocapp/ocapp.html

SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS

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_x_ 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_x_ 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 _X_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 _x_RMK#___

5. Does the SQUWH conduct any of the following activities:

   a. Sort batteries by type? — Yes___ No_x_ N/A ___RMK#____

   b. Mix battery types in one container? — Yes___ No_x_ N/A ___RMK#____

   c. Discharge batteries to remove the electric charge? — Yes___ No_x_ N/A ___RMK#____

   d. Regenerated used batteries? — Yes___ No_x_ N/A ___RMK#____

   e. Disassemble them into individual batteries or cells? — Yes___ No_x_ N/A ___RMK#____

   f. Remove batteries from consumer products? — Yes___ No_x_ N/A ___RMK#____

   g. Remove the electrolyte from the battery? — Yes___ No_x_ N/A ___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 x N/A ___ 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) of 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 ❑ N/A x RMK#___

UNIVERSAL WASTE PESTICIDES

8. Does the SQUWH prevent releases to the environment by managing pesticides in containers that are closed, structurally sound, compatible with the pesticides, and lack evidence of leakage, spillage, or damage? [3745-273-13(B)(1)] — Yes ___ No ❑ N/A x RMK#___

9. If the original pesticide container is in poor condition, was it over-packed into an acceptable container? [3745-273-13(B)(2)] — Yes ___ No ❑ N/A x RMK#___

10. If the pesticide is stored in a tank, are the requirements of 3745-66-90 through 3745-66-101, except for paragraph (C) of 3745-66-97; 3745-66-100 and -66-101 of the OAC met? (Use tank checklist) [3745-273-13(B)(3)] — Yes ___ No ❑ N/A x RMK#___

11. If pesticides are stored in a transport vehicle, is it closed, structurally sound and compatible with the pesticide(s)? [3745-273-13(B)(4)] — Yes ___ No ❑ N/A x RMK#___

12. Are containers, tanks, or transport vehicles that contain universal waste pesticides, labeled with either "Universal Waste Pesticides"or "Waste Pesticides?" [3745-273-14(B)] — Yes ___ No ❑ N/A x RMK#___

UNIVERSAL WASTE THERMOSTATS

13. Are thermostats that show evidence of leaking, spilling, or damage that could cause leaks, properly contained? [3745-273-13(C)(1)] — Yes ___ No ❑ N/A x RMK#___

14. If the thermostats are contained, are the containers closed, structurally sound, compatible with contents of the thermostats and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(C)(1)] — Yes ___ No ❑ N/A x RMK#___

15. If the mercury-containing ampules are removed, does the SQUWH: [3745-273-13(C)(2)]

    a. Remove the ampules in a manner to prevent breakage and are they removed over or in a containment device? [3745-273-13(C)(2)(a)(b)] — Yes ___ No ❑ N/A x RMK#___

    b. Have a clean-up system readily available to transfer spilled mercury to another container that meets the requirements of OAC 3745-52-34 and is the spilled mercury transferred immediately? [3745-273-13(C)(2)(c)(d)] — Yes ___ No ❑ N/A x RMK#___

    c. Ensure that the area where ampules are removed is well ventilated and monitored in compliance with applicable OSHA exposure levels for mercury? [3745-273-13(C)(2)(e)] — Yes ___ No ❑ N/A x RMK#___

    d. Ensure that employees are thoroughly familiar with the proper waste handling and emergency procedures? [3745-273-13(C)(2)(f)] — Yes ___ No ❑ N/A x RMK#___

    e. Ensure that removed ampules are stored in closed, non-leaking containers that are in good condition? [3745-273-13(C)(2)(g)] — Yes ___ No ❑ N/A x RMK#___

    f. Pack removed ampules in containers with packing material to prevent breaking during storage, handling and transportation? [3745-273-13(C)(2)(h)] — Yes ___ No ❑ N/A x RMK#___

16. If mercury, clean-up residues, or other wastes are generated, are they evaluated to determine whether they exhibit a characteristic of a hazardous waste? [3745-273-13(C)(3)(a) — Yes ___ No ❑ N/A x RMK#___

a. If the waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? (The handler is considered the generator of the mercury, residues, and/or other waste and is subject to Chapter 3745-52.) [3745-273-13] — Yes ___ No ❑ N/A _x_ RMK#___

b. If the mercury, residues and/or other wastes are not hazardous, are they managed in compliance with applicable law? [3745-273-13(C)(3)(c) — Yes ___ No ❑ N/A _x_ RMK#___

17. Are thermostats or containers of thermostats labeled either "Universal Waste-Mercury Thermostat(s)" or "Waste Mercury Thermostat(s)" or "Used Mercury Thermostat(s)?" [3745-273-14[D]] — Yes ___ No ❑ N/A _x_ RMK#___

UNIVERSAL WASTE LAMPS

18. 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 x N/A ___RMK# 1___

19. 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 _X_ RMK#___

20. 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)] — Yes_x_ No ❑ N/A ___RMK#___

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

21. Is the waste accumulated for less than one year? [3745-273-15(A)] If not: Yes x 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 _x_ No ❑ N/A ___RMK#___

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

22. Is the length of time the universal waste is stored documented by **one** of the following: [3745-273-15(C)] Yes _x_ 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 x 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 x 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 x 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 X 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 x N/A ___RMK#___

EMPLOYEE TRAINING

23. 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 _x_ No ❑ N/A ___RMK#___

RESPONSE TO RELEASES

24. Are releases of universal waste and other residues immediately contained? [3745-273-17(A)] — Yes ___ No ❑ N/A _x_RMK#___

25. Is the material released characterized? [3745-273-17(B)] — Yes ___ No ❑ N/A _x_RMK#___

26. 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 _x_RMK#___

OFF-SITE SHIPMENTS

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

27. Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)] — Yes _x_ No ❑ N/A ___RMK#___

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

28. 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 _x_RMK#___

29. Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)] — Yes _x_ No ❑ N/A ___RMK#___

30. If the universal waste shipped off-site is rejected by another handler or destination facility does the originating handler do <u>one of the following</u>:

    a. Receive the waste back? [3745-273-18(E)(1)] — Yes___ No___ N/A _x_RMK#___

b. Agree to where the shipment will be sent? [3745-273-18(E)(2)] Yes___ No___ N/A _x_RMK#___

31. 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: Yes ___ No ❑ N/A _x_RMK#___

a. Sending the waste back to the originating handler? [3745-273-18(F)(1)] Yes___ No___ N/A _x_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 _x_RMK#___

33. 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 _x_RMK#___

34. 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 _x_RMK#___

EXPORTS

35. Is waste being sent to a foreign destination? If so: Yes___ No___ N/A _x_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

1. Packages were not closed.

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_x_ 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 _X_RMK#___
2.	Is used oil being used as a dust suppressant? [3745-279-12(B)]	Yes ❑ No _x___ 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 _x_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 _x_ 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 _x_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 _x_ 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 _x_ No ❑ N/A ___RMK#___
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 XN/A ___RMK# 1___
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]	
	a. Stopped the release?	Yes x___ No ❑ N/A ___RMK#___
	b. Contained the release?	Yes x___ No ❑ N/A ___RMK#___

c. Cleaned up and properly managed the used oil and other materials? Yes x No ❑ N/A ___RMK#___

d. Repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes _x_ No ❑ N/A ___RMK#___

10. Does the generator burn used oil in used fired space heaters? [3745-279-23] If so: Yes___No_x_ 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 _x_RMK#___

b. Is the heater designed to have a maximum capacity of not more that 0.5 million BTU per hour? Yes ___ No ❑ N/A _X_RMK#___

c. Are the combustion gases from heater vented to the ambient air? Yes ___ No ❑ N/A x___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 _x_ 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 _x_RMK#___

13. Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31] Yes ___ No ❑ N/A _x_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 _x_RMK#___

WASTE EVALUATION

15. Have all wastes generated at the facility been evaluated? [3745-52-11] Yes _x_ No ❑ N/A ___RMK#___

REMARKS

1. Tanks were labeled "waste oil", 5 gallon pails were not labeled.

Pilot generates 500-800 gallons per pick up.