**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

June 9, 2010

RE: DUPONT VESPEL® PARTS & SHAPES
OHR 000 016 063
CUYAHOGA COUNTY
SQG, NOV/RTC

Vivian L. Moore
Dupont Vespel® Parts & Shapes
Valley View Plant
6200 Hillcrest Drive
Valley View, OH 44125-4624

Dear Ms. Moore:

On June 2, 2010, this writer, representing the Ohio Environmental Protection Agency (Ohio EPA), Division of Hazardous Waste Management, conducted a compliance evaluation inspection (CEI) at Dupont Vespel® Parts & Shapes facility located at 6200 Hillcrest Drive, Valley View, Ohio. The facility was inspected to determine its compliance with Ohio's hazardous waste laws as found in Chapter 3734 of the Ohio Revised Code (ORC), and the rules promulgated thereunder in Chapter 3745 of the Ohio Administrative Code (OAC).

The inspection included a review of the facility's operations, management of wastes, and records. The facility was inspected for the requirements of a small quantity generator (SQG) of hazardous waste.

Ohio EPA identified the following violations of Ohio's hazardous waste laws. **The facility has adequately demonstrated abatement of all violations and no further response is required.**

1. Emergency Equipment Inspections, OAC rule 3745-65-33:
All facility communication or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment must be tested and maintained as necessary to assure its proper operation in time of emergency. The owner/operator must record the inspections in a log or summary.

   The facility failed to record emergency equipment inspections.

   This violation has been abated; the facility submitted a completed inspection log June 7, 2010.

2. Dating Containers, OAC rule 3745-52-34(A)(2):
The date upon which each period of accumulation begins must be clearly marked and visible for inspection on the container.

   The facility failed to date a 55-gallon drum containing hazardous waste at the 180-day storage area.

   This violation was abated during the inspection by dating the container 6/2/2010.

3. Container Inspections, OAC rule 3745-66-74:
The owner or operator must inspect areas where containers are stored, at least weekly, looking for leaks and deterioration caused by corrosion or other factors. The owner or operator must record inspections in an inspection log or summary.

The facility failed to record container accumulation area inspections on a weekly basis.

This violation has been abated; the facility submitted a completed inspection log June 7, 2010.

4. Universal Waste Lamps, OAC rule 3745-273-13(D)(1):
Containers of universal waste lamps must remain closed.

The facility failed to keep one container of universal waste lamps closed during accumulation.

This violation was abated during the inspection by closing the cardboard box.

Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) provides free compliance and pollution prevention assistance on environmental issues related to air, land and water. As indicated during the inspection, please feel free to contact me or OCAPP should your facility be interested in these services. OCAPP may be contacted at: 800-329-7518 or http://www.epa.ohio.gov/ocapp.

The Division of Hazardous Waste Management has created an electronic news service to provide you with updates related to hazardous waste activities in Ohio. You can find more information and sign up for this free service at the following Web link: http://ohioepa.custhelp.com/cgi-bin/ohioepa.cfg/php/enduser/doc_serve.php?2=subscriptionpage.

Enclosed you will find a copy of the checklists that were completed as a result of the inspection. Should you have any question, please feel free to call me at (330) 963-1278. You can find copies of the rules and other information on the DHWM's web page at: http://www.epa.ohio.gov/dhwm

Sincerely,

Wade Balser
District Representative
Division of Hazardous Waste Management

WB:ddw

Enclosure

ec: Natalie Oryshkewych, DHWM, NEDO
Nyall McKenna, DHWM, NEDO

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.

Send to Central Office ☐	Ohio Environmental Protection Agency **RCRA SUBTITLE C SITE** **IDENTIFICATION/VERIFICATION FORM**	For Ohio EPA use only

Completed verification forms required to be submitted to CO should be e-mailed to kristina.durnell@epa.state.oh.us.

Site EPA ID No.	EPA ID Number: **OHR 000 016 063**							
Site Name	Name: **Dupont Vespel® Parts & Shapes**				Website: (Optional)			
Site Location Information	Street Address: **6200 Hillcrest Drive**							
	City, Town, or Village: **Valley View**				State: OH			
	County Name: **Cuyahoga**				Zip Code: **44125**			
Site Land Type (check only one)	Private ☒	County ☐	District ☐	Federal ☐	Indian ☐	Municipal ☐	State ☐	Other ☐
NAICS code(s) www.census.gov/epcd/www/naics.html								

Facility Representative Additional names can be recorded in number 12 Only provide address information if it is different than the site address	First Name: **Vivian**	MI:	Last Name: **Moore**
	Title: **SHE Cordinator**		
	Phone Number: **216-901-3636**	Phone Number Extension:	
	E-Mail Address: **Vivian.L.Moore@usa.dupont.com**		
	Fax Number: **216-901-3641**	Fax Number Extension:	
	Street or P.O. Box: **same**		
	City, Town or Village:		
	State:	Zip Code:	

Legal Owner And Operator of the Site. List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Name of Site's Legal Owner: **CLEVELAND INDUSTRIAL PORTFOLIO**			Date Became Owner (mm/dd/yyyy):				
	Owner Type:	Private ☐	County ☐	District ☐	Federal ☐	Indian ☐	Municipal ☐	State ☐	Other ☐
	Street or P.O. Box:							
	City, Town or Village:			Owner Phone #:				
	State:			Country:		Zip Code:		
	Name of Site's Operator:			Date Became Operator (mm/dd/yyyy):				
	Operator Type:	Private ☐	County ☐	District ☐	Federal ☐	Indian ☐	Municipal ☐	State ☐	Other ☐
	Street or P.O. Box:							
	City, Town or Village:			Operator Phone #:				
	State:			Country		Zip Code:		

VIOLATIONS CITED? ☒ Yes ☐ No

TYPE OF HANDLER - MARK "X" AS APPROPRIATE

☐ Not a HW Generator	☐ UNKNOWN: Cited for violation of 3745-52-11	☐ Large Quantity Generator (LQG)
	☐ Short-Term Generator (generates from a short-term or one-time event and not from on-going processes). *Check the box for the applicable generator status and provide a comment.*	☒ Small Quantity Generator (SQG)
		☐ Conditionally Exempt Small Quantity Generator
		☐ U.S. Importer of Hazardous Waste
		☐ Mixed Waste (Hazardous and Radioactive) Generator

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

- ☐ Hazardous Waste Transporter
- ☐ Hazardous Waste Transfer Facility
- ☐ Treater, Storer or Disposer of Hazardous Waste
- ☐ Recycler of Hazardous Waste
- ☐ Exempt Boiler and/or Industrial Furnace
  - ☐ Small Quantity On-Site Burner Exemption
  - ☐ Smelting, Melting, Refining Furnace Exemption
- ☐ Underground Injection Control Facility
- ☐ Receives Hazardous Waste from Off-site

UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED (CHECK ALL BOXES THAT APPLY)

- ☒ Small Quantity Handler of Universal Waste
- ☐ Large Quantity Handler of Universal Waste (accumulates 5,000 kg. or more)
- ☐ Destination Facility for Universal Waste

CHECK ALL BOXES BELOW THAT APPLY FOR THE TYPES OF UNIVERSAL WASTE THE FACILITY MANAGES

- ☒ Batteries
- ☐ Pesticides
- ☐ Mercury containing equipment
- ☐ Lamps

USED OIL ACTIVITIES (INDICATE TYPE(S) OF ACTIVITY(S)

- ☒ Used Oil Generator
- ☐ Used Oil Transporter
- ☐ Used Oil Transfer Facility
- ☐ Used Oil Processor
- ☐ Used Oil Re-refiner
- ☐ Off-Specification Used Oil Burner
- ☐ Used Oil Fuel Marketer Who Directs Shipment of Off-Spec. Oil
- ☐ Used Oil Fuel Marketer to Off-Specification Used Oil Burner

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

D001 **D007** **F003**

COMMENTS: USE THIS AREA TO DESCRIBE WHETHER THE INSPECTION WAS ANNOUNCED, WHETHER THE WASTE IS STORED IN TANKS OR CONTAINERS, ETC.

Announced	☐ Yes	☒ No	Additional Facility Representatives: **Karen Haburt**
Tanks	☐ Yes	☒ No	
Containers	☒ Yes	☐ No	

Name of Inspector(s)	Name of Inspector(s)	Date of Inspection/Time (mm/dd/yyyy) (hh:mm)
Wade Balser		**06/02/10 0920-1145**

Comments:
D007 waste stream phased out in 2010.

Revised 03.11.10

PROCESS, WASTE, P2 SUMMARY SHEET			
FACILITY NAME:	Dupont Vespel Parts and Shapes	**INSPECTION DATE:**	6/2/2010
EPA ID NUMBER:	OHR 000 016 063	**FACILITY TYPE:**	SQG

	Waste	Waste Codes	Location	Off-Site Management	P2
1	IPA	D001	SA @ control room	Heritage WTI or Safety Kleen	
2	Methanol	D001, F003	SA @ control room	Heritage WTI or Safety Kleen	
3	Spent Aerosol Cans	D001	SA @ 180-day	Heritage WTI or Safety Kleen	Can puncture unit
4	Misc. Lab Pack	D001	Episodic	Heritage WTI or Safety Kleen	
5	Waste Alodine	D007	phased out, no longer generating	Safety Kleen	
6	Debris	na		Heritage WTI	
7	Non-conforming waste	na		Heritage WTI	
8	Used oil, coolant, oil pads	na	180-day area	Safety Kleen	
9	Lamps, batteries	universal waste	180-day area	Safety Kleen/AERC	
10	Parts Washer	na	four total	Safety Kleen	

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:

GENERAL REQUIREMENTS

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]		Yes ☑ No ☐ N/A ☐
2.	Has the generator obtained a U.S. EPA I.D. number? [3745-52-12]		Yes ☑ No ☐ N/A ☐
3.	Has the generator transported or caused to be transported hazardous waste to **other** than a facility authorized to manage the hazardous waste? [ORC 3734.02 (F)]		Yes ☐ No ☐ N/A ☑
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 ☐ No ☐ N/A ☑
5.	Does the generator accumulate hazardous waste?		Yes ☑ No ☐ N/A ☐
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 in excess of (180/270) days without a permit or an extension from the Director? [3745-52-34; ORC §3734-02(E)&(F)]		Yes ☐ No ☑ N/A ☐
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 ☐ No ☐ N/A ☑
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 ☑ No ☐ N/A ☐
	b.	Tank that meets 3745-66-101?	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 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)(1)]		Yes ☑ No ☐ N/A ☐
10.	Are wastes reclaimed under a contractual agreement? If so: [3745-52-0(E)]		Yes ☐ No ☑ N/A ☐
	a.	Does the contractual agreement specify the type of waste and frequency of shipment?	Yes ☐ No ☐ N/A ☑
	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)(1)] & [3745-52-27(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)(1)]			
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)] All Trained	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]		Yes ☑ No ☐ N/A ☐
	a.	Are inspections recorded in a log or summary? [3745-65-33] Incomplete records	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 OAC 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" <u>or</u> 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:		Yes ☐ No ☑ N/A ☐
	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)] Abated during CEI		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] Incomplete Records, Moore in area each day	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 ≤119 gallons have a completed hazardous waste label? [3745-52-32(B)]		Yes ☑ No ☐ N/A ☐
40.	Before off-site transportation, does the generator placard <u>or</u> offer the appropriate DOT placards to the initial transporter? [3745-52-33]		Yes ☑ No ☐ N/A ☐

GENERATOR LDR CHECKLIST
DOES NOT APPLY TO CESQGS

GENERAL REQUIREMENTS			
1.	If LDRs do not apply, does the generator have a statement that lists how the HW was generated, why LDRs don't apply and where the HW went? [3745-270-07 (A)(7)]		Yes ☐ No ☐ N/A ☑
2.	Did the generator determine if the HW/soil must be treated to meet the LDR treatment standard prior to disposal? Generator knowledge or testing may be used. [3745-270-07(A)(1)]		Yes ☑ No ☐ N/A ☐
NOTE: This is done by determining if the HW /soil contains levels of constituents greater than the levels given in its LDR treatment standard in 3745-270-40. However, if a specific treatment method is given in 3745-270-40 for the HW, no determination is required [3745-270-07 (A)(1)(b)]. If soil, generator can choose to have soil treated to LDR levels given in 3745-270-49 (alternative treatment levels for soils).			
3.	Does the generator have documentation of how he determined whether the HW/soil meets or does not meet the LDR treatment standard in 2, above? [3745-270-07(A)(6)(a) or 3745-270-07(A)(6)(b)]		Yes ☑ No ☐ N/A ☐
4.	Does the generator keep the documentation required in #2, above, on-site for at least three years from the last date the HW/soil was sent on-site/off-site for treatment/disposal? [3745-270-07(A)(8)]		Yes ☑ No ☐ N/A ☐
5.	Does the generator generate a listed HW that exhibits a characteristic? If yes,		Yes ☑ No ☐ N/A ☐
	a.	Did the generator determine if the listed HW exhibits a characteristic that is not treated under the LDR treatment standard for the listed HW? [3745-270-09(A)	Yes ☑ No ☐ N/A ☐
FOR EXAMPLE: F006 that exhibits the characteristic for silver or K062 that is corrosive, D002. Review LDR treatment standard in 3745-270-40 to determine what constituents the listed HW is treated for.			
6.	Did the generator determine if its characteristic HW contains underlying hazardous constituents that need to be treated? [3745-270-09(A)]		Yes ☑ No ☐ N/A ☐
NOTE: This is done by evaluating which underlying hazardous constituents (UHC) are in the HW at levels above the universal treatment standards given in 3745-270-48. This requirement does not apply to high total organic carbon (i.e., contains >10% TOC) D001 wastes or listed HWs.			
NOTE: Written documentation of this determination is not required.			
7.	Did the generator treat his HW /soil on-site <u>to meet</u> the LDR treatment standard?		Yes ☐ No ☑ N/A ☐
NOTE If "Yes" see question #16.			
8.	Did the generator send a one-time LDR notification form to the TSD with the first shipment to that facility?[3745-270-07(A)(2)] Sent each Shipment		Yes ☑ No ☐ N/A ☐
9.	Did the generator resubmit the LDR notification form to the TSD when the HW changed or the generator used a new TSD? [3745-270-07(A)(2)]		Yes ☑ No ☐ N/A ☐
10.	Does the generator have a copy of the LDR notification form on file?[3745-270-07(A)(2)]		Yes ☑ No ☐ N/A ☐
	a.	Is the form kept on file for three years after last HW shipped? [3745-270-07(A)(8)]	Yes ☑ No ☐ N/A ☐
NOTIFICATION FORM			
11.	Does the LDR Notification form contain the following information:		
	a.	Manifest number of the first waste shipment to the TSD?[3745-270-07(A)(2)]	Yes ☑ No ☐ N/A ☐
	b.	Applicable waste codes (includes characteristic codes for a listed HW if applicable)? [3745-270-07(A)(2)]	Yes ☑ No ☐ N/A ☐
	c.	A statement that conveys that the HW is subject to LDRs and must be treated to meet LDR treatment requirements? [3745-270-07(A)(2)]	Yes ☑ No ☐ N/A ☐
	d.	A designation whether the HW is a wastewater or non-wastewater? [3745-270-07(A)(2)].	Yes ☑ No ☐ N/A ☐

NOTE: A wastewater contains <1% by wt. total suspended solids(TSS) and <1% by wt. TOC. If you doubt the HW is a wastewater or non-wastewater, the HW can be tested using for example, Standard Methods (SM) 160.2 for TSS, SW-846 method 9060a for TOC.				
	e.		Designation of the waste subcategory when applicable? [3745-270-07(A)(2)]	Yes ☐ No ☐ N/A ☑
NOTE: Subcategories are found on the LDR treatment standards table under the applicable waste code. Not all HWs have subcategories				
	f.		A listing of the underlying hazardous constituents for which a characteristic waste must be treated? [3745-270-07(A)(2)]	Yes ☑ No ☐ N/A ☐
NOTE: Not required if the waste is high TOC D001 or the TSD tests its treatment residues for all underlying hazardous constituents.				
	g.		If the HW is F001-F005 or F039, did the generator note on the LDR form what solvents or constituents, respectively, the waste contains and must be treated for?[3745-270-07(A)(2)]	Yes ☑ No ☐ N/A ☐
NOTE: Not required if the TSD tests its treatment residues for all underlying hazardous constituents.				
PROHIBITED DILUTION				
12.			Is the HW treated by burning? If "No" go to #15.	Yes ☑ No ☐ N/A ☐
13.			Is the HW a metal-bearing HW?	Yes ☐ No ☑ N/A ☐
NOTE: Generally, metal-bearing HWs contain heavy metals above TCLP levels or were listed due to the presence of metals. A list of the restricted metal-bearing HWs are given in the Appendix to 3745-270-03.				
14.	a.		Metal-bearing HWs cannot be incinerated, combusted or, blended and burned for fuel unless **one** of the following conditions apply. [3745-270-03(c)]	
		i.	Contains > 1% TOC?	Yes ☐ No ☐ N/A ☑
		ii.	Contains organic constituents or cyanide at levels greater than the UTS levels?	Yes ☐ No ☐ N/A ☑
		iii.	Is made up of combustible material e.g., paper, wood, plastic?	Yes ☐ No ☐ N/A ☑
		iv.	Has a reasonable heating value (e.g., > 5000 Btu)?	Yes ☐ No ☐ N/A ☑
		v.	Co-generated with a HW that must be combusted?	Yes ☐ No ☐ N/A ☑
	b.		If all responses to 14 a.i. through 14 a.v. are ANo@, HW is being improperly treated by dilution, violation of 3745-270-03(C). Is HW being treated by dilution?	Yes ☐ No ☐ N/A ☑
15.			Was the HW treated by wastewater treatment?	Yes ☐ No ☑ N/A ☐
	a.		Is a LDR treatment method, other than DEACT or a numerical value, specified for the waste? [3745-270-03(B) and 3745-270-40(A)(3)]	Yes ☐ No ☐ N/A ☑
NOTE: If Yes, HW is improperly being treated by dilution.				
	b.		Does the waste carry the D001 code <u>and</u> contain ≥10% TOC?	Yes ☐ No ☐ N/A ☑
	c.		Does the wastewater treatment process include a process to separate/recover the organic phase of the waste?	Yes ☐ No ☐ N/A ☑
NOTE: If the answers to b & c are Ayes@ and Ano@, respectively, waste is improperly being treated by dilution and generator is in violation of [3745-270-03(B) and 3745-270-40(A)(3)].				
NOTE: A list of separation/recovery processes are given in 3745-270-42 under RORG.				

GENERATOR TREATMENT					
16.	Does the generator treat to meet LDRs on-site [3745-270-40(A)]?				Yes ☐ No ☑ N/A ☐
	Did the generator treat his hazardous waste/soil on-site in a tank, container, drip pad or containment building to meet the LDR treatment standard?				Yes ☐ No ☐ N/A ☑
	If "Yes@"..complete the rest of the checklist. If "No"...stop...you are done.				
	a.	Does the generator have a written waste analysis plan (WAP) that describes the procedures he will follow to treat the HW/soil to the LDR treatment standard? [3745-270-07(A)(5)]			Yes ☐ No ☐ N/A ☐
	b.	Did the generator use a detailed chemical and physical analysis of the HW/soil in order to develop the WAP? [3745-270-07(A)(5)(a)]			Yes ☐ No ☐ N/A ☐
NOTE: This is a laboratory analysis but it does not have to be kept by the generator.					
	c.	Does the WAP contain all information necessary to treat the HW/soil to the LDR treatment standard? [3745-270-07(A)(5)(a)]			Yes ☐ No ☐ N/A ☐
	d.	Does the WAP include the testing frequency of the treated HW/soil to demonstrate that the LDR treatment standard is being met? [3745-270-07(A)(5)(a)]			Yes ☐ No ☐ N/A ☐
	e.	Does the generator keep the WAP on-site? [3745-270-07(A)(5)(b)]			Yes ☐ No ☐ N/A ☐
	f.	Is the WAP available for the inspector's review during the inspection? [3745-270-07(A)(5)(b)]			Yes ☐ No ☐ N/A ☐
NOTIFICATION FORM FOR GENERATOR TREATMENT					
17.	a.	Contains all information in #11 a-g above and			Yes ☐ No ☐ N/A ☐
	b.	If the treated HW/soil is listed.....notification contains the following certification statement: "I certify under penalty of law that I personally have examined and am familiar with the waste, through analysis and testing or through knowledge of the waste, to support this certification that the waste complies with the treatment standards specified in rule 3745-270-40 to 3745-270-49 of the Administrative Code. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."			Yes ☐ No ☐ N/A ☐
	c.	If the treated HW/soil no longer exhibits a characteristic and is no longer a HW, did the generator:			
		i.	Send a one-time notification to the director?[3745-270- 09 (D)]		Yes ☐ No ☐ N/A ☐
		ii.	Maintain a copy of the notice onsite?[3745-270-09(D)]		Yes ☐ No ☐ N/A ☐
		iii.	Include in the notification: [3745-270-09(D)(1)(a)]		
			1.	Name & address of receiving landfill?	Yes ☐ No ☐ N/A ☐
			2.	Description of HW when generated?	Yes ☐ No ☐ N/A ☐
			3.	HW code when generated?	Yes ☐ No ☐ N/A ☐
			4.	Treatability group when generated?	Yes ☐ No ☐ N/A ☐
			5.	Underlying hazardous constituents present when generated?	Yes ☐ No ☐ N/A ☐
		iv.	Contain the certification statement as required by 3745-70-07(B)(4)?		Yes ☐ No ☐ N/A ☐

USED OIL INSPECTION CHECKLIST
GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS

NOTE: 1. 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.

2. Inspectors can check BUSTR's web-site at https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/PublicInquiry.asp to determine if a UST containing used oil is registered with BUSTR. Inspectors may call BUSTR at 614-752-7938 or a BUSTR site coordinator to report an unregistered UST or a UST that appears to not be in compliance with BUSTR regulations. A list of BUSTR coordinators by county are at: https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/SearchByCounty.asp.

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 ☒
NOTE: For example, used oil contaminated scrap metal stored in a pile.			
2.	Is used oil used as a dust suppressant? [3745-279-12(B)]		Yes ☐ 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)]		Yes ☑ No ☐ N/A ☐
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]		Yes ☐ No ☐ N/A ☒
	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:		
	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 that 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 ☑
NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).			
GENERATOR TRANSPORTATION			
11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#? [3745-279-24]		Yes ☒ No ☐ N/A ☐
12.	If the generator self-transports used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]		
	a.	Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator? [3745-279-24]	Yes ☐ 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			
13.	Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30]		Yes ☐ No ☐ N/A ☒
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]		Yes ☐ No ☐ N/A ☒
15.	Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]		Yes ☐ 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.			

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 ☐
2.	Did the SQUWH dilute or treat universal waste, except when responding to releases as provided in OAC rule 3745-273-17 or managing specific wastes as provided in OAC rule 3745-273-13? [3745-273-11(B)]		Yes ☐ No ☑ N/A ☐
WASTE MANAGEMENT AND LABELING/MARKING			
UNIVERSAL WASTE BATTERIES (X) No Batteries Accum. on-site during CEI			
3.	Are batteries that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)]		Yes ☐ No ☐ N/A ☐
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 ☐
5.	Are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)]		Yes ☐ No ☐ N/A ☐
6.	If the electrolyte is removed or other wastes generated, has it been determined whether the electrolyte or other wastes exhibit a characteristic of hazardous waste? [3745-273-13(A)(3)]		Yes ☐ No ☐ N/A ☐
	a.	If the electrolyte or other waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? [3745-273-13(A)(3)(a)]	Yes ☐ No ☐ N/A ☐
	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 ☐
7.	Are the batteries or containers 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 ☐
UNIVERSAL WASTE LAMPS			
8.	Does the SQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and 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 ☐ Not Closed, Abated
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 ☑
*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 rule 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility using a hazardous waste manifest.*			
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)]		Yes ☑ No ☐ N/A ☐

ACCUMULATION TIME			
11.	Is the waste accumulated for less than one year? [3745-273-15(A)]		Yes ☑ No ☐ N/A ☐
	a.	If not, is 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 ☑
NOTE: Accumulation is defined as date generated or date received from another handler.			
12.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-15(C)] Shipment Record If yes, describe below:		Yes ☑ No ☐ N/A ☐
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 ☐
RESPONSE TO RELEASES			
14.	Are releases of universal waste and other residues immediately contained? [3745-273-17(A)] No Releases		Yes ☐ No ☐ N/A ☑
15.	Is the material released characterized? [3745-273-17(B)]		Yes ☐ No ☐ N/A ☑
16.	If the material released is a hazardous waste, was 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 OAC Chapter 3745-52) [3745-273-17(B)]		Yes ☐ No ☐ N/A ☑
OFF-SITE SHIPMENTS			
NOTE: If a SQUWH self-transports waste, then the handler 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 ☐
18.	Is the handler aware of DOT requirements for packaging and shipping? If no, make aware of 49 CFR 171-180.		Yes ☑ No ☐ N/A ☐
19.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-18(D)]		Yes ☑ No ☐ N/A ☐
20.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?		Yes ☐ No ☑ N/A ☐
	a.	If yes, did the originating handler receive the waste back or agree to where the shipment was sent? [3745-273-18(E)(2)]	Yes ☐ No ☐ N/A ☑
21.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss and do <u>one of the following</u>:		Yes ☐ No ☐ N/A ☑
	a.	Send the waste back to the originating handler or send the shipment to a destination facility (If both the originating and receiving handler agree)? [3745-273-18(F)(2)]	Yes ☐ No ☐ N/A ☑
22.	If the handler received a shipment of hazardous waste that was not a universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)]		Yes ☐ No ☐ N/A ☑
EXPORTS			
23.	Is waste being sent to a foreign destination? If so:		Yes ☐ No ☑ N/A ☐

	a.	Does the small quantity handler comply with primary exporter requirements in OAC rules 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)]	Yes ☐ No ☐ N/A ☑
	b.	Is waste exported only upon consent of the receiving country and in conformance with the U.S. EPA "Acknowledgment of Consent" as defined in OAC rules 3745-52-50 to 3745-52-57? [3745-273-20(B)]	Yes ☐ No ☐ N/A ☑
	c.	Is a copy of the U.S. EPA "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)]	Yes ☐ No ☐ N/A ☑