



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

**Re: Ineos USA LLC
Allen County
DHWM/NWDO
OHD 042 157 644
Notice of Violation**

June 4, 2007

Mr. Jean Phaneuf, Site Director
Ineos USA LLC
1900 Fort Amanda Road
Lima, Ohio 45804

Dear Mr. Phaneuf:

I would like to thank you for allowing Joe Bianco of your staff to accompany Colleen Weaver, Melissa Boyers, and me during the Ohio Environmental Protection Agency's (Ohio EPA's) May 14, 2007, inspection of the Ineos USA LLC (Ineos) facility in Lima, Ohio. We inspected Ineos 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) and the facility's Ohio Hazardous Waste Facility Installation and Operation Permit (Permit) issued on December 20, 2002. This letter will explain the violation we found, what you need to do to correct this violation, and other general concerns we have.

Ohio EPA's inspection included an inspection of facility operations and a review of written documentation. The inspection did not include a review of financial assurance, groundwater monitoring, or corrective action requirements. Ineos is subject to these requirements, however, compliance for these issues will be evaluated at a later date.

Ineos operates an industrial chemicals manufacturing complex. The facility produces acrylonitrile, acetonitrile, hydrogen cyanide, acrylonitrile catalyst, and Barex, a polymerized product of acrylonitrile. Ineos generates the following hazardous wastes at their facility: lab packs from the resin production lab (D001, D035, F005), filter cake from the deepwell filter pretreatment (D018, D038, K011, K013, K014, P063, U003, U009), bottom stream from the wastewater stripper (acrylonitrile) (K011), bottom stream from acetonitrile column (acrylonitrile production) (K013), bottom stream from acetonitrile purification (K014), catalyst plant scrubber water (D002), spent caustic from vessel cleaning (D002), lead contaminated soil (D008), and Barex drum wash wastewater (D002).

We found the following violation of Ohio's hazardous waste laws. In order to correct this violation you must do the following and send me the required information **within 30 days** of your receipt of this letter:

1. **OAC Rule 3745-273-13(D)(1), Universal Waste Storage Requirements:** A small quantity handler of universal waste must contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of the lamps. Such containers and packages must remain closed and must lack evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions.

Ineos failed to store the universal waste lamps in a closed container.

In order to correct this violation, Ineos must immediately close the container holding universal waste lamps. Ineos should document that this container is closed by photographing the closed container and submitting this photograph to Ohio EPA.

General Concerns

1. At the time of our inspection, Ineos was using one hazardous waste label that did not reflect the current facility information. The Ohio EPA has processed permit modifications for multiple name changes to the facility. Ineos should be updating all applicable paperwork, labels, etc. to reflect those permit modification changes.
2. At the time of the inspection, Ineos had all used oil containers labeled properly. However, the label on the tote located outside the Barex production building appeared to have been partially washed off. Ineos should be ensuring that labels located on containers exposed to the elements are legible at all times.
3. During the inspection, it was brought to Ohio EPA's attention that Ineos removed a drum of used oil from the former BDO unit and managed this used oil as if Ineos generated it. This used oil was picked up by United Waste Water. Ineos should not be accepting used oil from other generators unless Ineos is acting as a used oil collection center by following OAC rule 3745-279-31. In a phone conversation on May 31, 2007, Ineos indicated that used oil will not be taken from off-site sources in the future and that Ineos does not want to become a used oil collection center.

As we discussed during the inspection, you may be able to reduce the waste your company generates. If you find ways to recycle, reduce or altogether eliminate the amount of waste that your company generates you may be able to reduce treatment and disposal costs. Ohio EPA also has helpful information about pollution prevention at the following web address: <http://www.epa.state.oh.us/ocapp/ocapp.html>. If you would like to be considered for an in-depth on-site pollution prevention assessment, or if you would like more information about pollution prevention assessments, please contact me at (419) 373-3065.

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 site: www.epa.state.oh.us/dhwm/listserv.html. Please feel free to share this with your colleagues.

Mr. Jean Phaneuf, Site Director
June 4, 2007
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Enclosed you will find a copy of the checklists that were completed during the inspection. Should you have any questions, please feel free to call me at (419) 373-3065. You can find copies of the rules and other information on the division's web page at <http://www.epa.state.oh.us/dhwm>.

Sincerely,

Kara Reynolds

Kara Reynolds
Environmental Specialist
Division of Hazardous Waste Management

/lr

Enclosure

pc: Colleen Weaver, DHWM, NWDO
Kara Reynolds, DHWM, NWDO-with enclosures
Cindy Lohrbach, DHWM, NWDO
DHWM, NWDO Allen County File: Ineos/Innovene General 2006-with enclosures
Joseph Bianco, Ineos USA LLC, Lima, OH-with enclosures
ec: John Pasquarette, DHWM, NWDO
Gary Deutschman, DHWM, NWDO
Melissa Boyers, DHWM, NWDO

NOTICE:

Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your company from having to comply with all applicable regulations.

Ohio Environmental Protection Agency
RCRA SUBTITLE C SITE
IDENTIFICATION/VERIFICATION FORM

For Ohio EPA use only

E-mail this completed form to
tammy.mcconnell@epa.state.oh.us or mail it to Tammy
McConnell, Central Office

Site EPA ID No.	EPA ID Number: OHD 042 157 644								
Site Name	Name: Ineos USA LLC					Website: (Optional)			
Site Location Information	Street Address: 1900 Fort Amanda Road								
	City, Town, or Village: Lima					State: OH			
	County Name: Allen					Zip Code: 45802-0628			
Site Land Type (check only one)	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>	
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: Joeseeph			MI:	Last Name: Bianco				
	Phone Number: 419-226-1351				Phone Number Extension:				
	E-Mail Address: joseph.bianco@innovene.com								
	Fax Number: 419-226-1685				Fax Number Extension:				
	Street or P.O. Box: P.O. Box 628								
	City, Town or Village: Lima								
	State: OH				Country: USA		Zip Code: 45804		
	Legal Owner and Operator of the Site List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Name of Site's Legal Owner:					Date Became Owner (mm/dd/yyyy):		
Owner Type:		Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>
Street or P.O. Box:									
City, Town or Village:				Owner Phone #:					
State:				Country:		Zip Code:			
Name of Site's Operator:					Date Became Operator (mm/dd/yyyy):				
Owner Type:		Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>
Street or P.O. Box:									
City, Town or Village:				Operator Phone #:					
State:				Country:		Zip Code:			
Violations Cited?	X Yes <input type="checkbox"/> No								
Type of Generator	<input type="checkbox"/> Not Regulated <input type="checkbox"/> Conditionally Exempt Small Quantity Generator								
	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11 <input type="checkbox"/> United States Importer of Hazardous Waste								
X Large Quantity Generator (LQG)	<input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator								
<input type="checkbox"/> Small Quantity Generator (SQG)									
Type of Regulated Waste Activity (Mark "X" in all of the appropriate boxes)	<input type="checkbox"/> Recycler of Hazardous Waste <input type="checkbox"/> Exempt Boiler and/or Industrial Furnace								
x Underground Injection Control Facility	<input type="checkbox"/> Small Quantity On-Site Burner Exemption								
<input type="checkbox"/> Hazardous Waste Transporter	<input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption								
x Treater, Storer or Disposer of Hazardous Waste									

Universal Waste Activities (Indicate types of universal waste generated and/or accumulated (check all boxes that apply))						
<input checked="" type="checkbox"/> Small Quantity Handler of Universal Waste			<input type="checkbox"/> Large Quantity Handler of Universal Waste (accumulates 5,000 kg. or more)			
<input type="checkbox"/> Destination Facility for Universal Waste						
(Check all boxes below that apply for each of the three types of facilities above)			Used Oil Activities (Indicate Type(s) of Activity(ies))			
Managed			<input checked="" type="checkbox"/> Used Oil Generator	<input type="checkbox"/> Off-Specification Used Oil Burner		
Batteries	x		<input type="checkbox"/> Used Oil Transporter	<input type="checkbox"/> Used Oil Fuel Marketer Who Directs Shipment of Off-Spec. Oil		
Pesticides	<input type="checkbox"/>		<input type="checkbox"/> Used Oil Transfer Facility	<input type="checkbox"/> Used Oil Fuel Marketer to Off-Specification Used Oil Burner		
Mercury containing equipment	<input type="checkbox"/>		<input type="checkbox"/> Used Oil Processor			
Lamps	x		<input type="checkbox"/> Used Oil Re-refiner			
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 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 K011	D002 K013	D008 K014	D018 P063	D035 U003	D038 U009	F005
Comments: Use this area to describe whether the inspection was announced, whether the waste is stored in tanks or containers, etc.						
Announced	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Additional Facility Representatives:			
Tanks	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Other Comments:			
Containers	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No				
Name of Inspector(s)			Name of Inspector(s)		Date of Inspection/Time (mm/dd/yyyy) (hh:mm)	
Kara Reynolds			Colleen Weaver, Melissa Boyers		05-14-2007	
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)	

PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: Ineos USA LLC Facility Type: LQG/TSD Date of Inspection: 05-14-2007 EPA ID#:OHD 042 157 644

Waste Generated			On- or Off-Site Management		P2 Activities	
Process/Activity Generating Waste <small>(e.g. plating bath, machining, baghouse, painting, general maintenance, etc)</small>	Waste Description <small>(e.g. sludge, solvent, ash, used oil, spent lamps, etc.) and EPA Waste Code, if applic.</small>	QTY Generated per Month, Type of Accumulation (container, tank, etc) and location of waste accumulation area	Type of On-Site Treatment (recycle, wwt, etc)	Name, state, and type of activity occurring at the off-site facility.	Current P2 Activities	P2 Opportunities
1	Deepwell System Pretreatment D018 D038 K011 K013 K014 U003 U009 P063	Deepwell Filter Cake Roll-Off Container Deepwell Filter Building	N/A	Onxy Environmental Services, IL	N/A	N/A
2	Facility Maintenance D008	Lead Contaminated Soil Drum	N/A	Envirosafe Services of Ohio, OH Onxy Environmental Services, OH	N/A	N/A
3	Catalyst Plant Sump D002	Catalyst Plant Scrubber Water (Sulfuric Acid) Tank Catalyst Plant	On-Site Deepwell	N/A	N/A	N/A

4	Acetonitrile Production	Bottom Stream K014	104,972 Tons per Year Tank Acetonitrile Production Area	On-Site Deepwell	N/A	N/A	N/A
5	Acrylonitrile Production	Bottom Stream from Wastewater Stripper K011	379,929 Tons per Year Tank Acrylonitrile Production Area	On-Site Deepwell	N/A	N/A	N/A
6	Acrylonitrile Production	Bottom Stream from Acetonitrile Column K013	358,441 Tons per Year Tank Acrylonitrile Production Area	On-Site Deepwell	N/A	N/A	N/A
7	Barex Laboratory Waste	MEK D001 D035 F005	0.4 Tons per Year Drum Barex Laboratory	N/A	Onxy Environmental Services, OH	N/A	N/A
8	Barex Drum Wash Wastewater	Wastewater D002	21 Tons per Year Drum Barrel Yard	N/A	Safety-Kleen Systems, Inc., KY	N/A	N/A
9	Spent Caustic from Vessel Cleaning	Sodium Hydroxide D002	3714 Tons per Year Tank Acrylonitrile and Acetonitrile Production Area	On-Site Deepwell	N/A	N/A	N/A

**OHIO PART B PERMITTED FACILITY
RCRA INSPECTION CHECKLIST**

Facility: Ineos USA LLC Ohio Permit: 03-02-0450
 Address: 1900 Fort Amanda Road U.S. EPA ID: OHD 042 157 644
Lima, Ohio 45802-0628 Phone: 419-226-1200
 County: Allen
 Inspection Date: 5 / 14 / 2007 Time: ~9:50 AM to 3:20 PM

Was advance of the inspection given? YES NO
 If so, how far in advance? 4 calendar days

	<u>Name</u>	<u>Agency/Title</u>	<u>Phone</u>
Inspectors:	<u>Kara Reynolds</u>	<u>Ohio EPA-DHWM</u>	<u>419-373-3065</u>
	<u>Melissa Boyers</u>	<u>Ohio EPA-DHWM</u>	<u>419-373-3066</u>
	<u>Colleen Weaver</u>	<u>Ohio EPA-DHWM</u>	<u>419-373-3059</u>
Facility Reps:	<u>Joe Bianco</u>	<u>Ineos USA LLC</u>	<u>419-226-1351</u>

Is facility operating as a generator? YES NO

If so, complete the applicable sections of the Generator Requirements checklist for wastes being managed under generator status.

PERMIT STATUS

Permit Issued: 12/20/2002 LDR Checklist Attached: Yes No
 Permit Effective Date: 12/20/2002 Used Oil Checklist Attached: Yes No
 Permit Expiration Date: 12/20/2012 Generator Checklist Attached: Yes No
 Permit Renewal Date: 6/23/2012 Universal Waste Checklist Attached: Yes No
 Permit Modification Date(s): _____

AUTHORIZED ACTIVITIES

STORAGE		TREATMENT		DISPOSAL	
<input checked="" type="checkbox"/>	Containers	<input checked="" type="checkbox"/>	Tanks	<input checked="" type="checkbox"/>	Injection Well
<input checked="" type="checkbox"/>	Tanks		Incinerator		Landfill
	Waste Pile		Thermal Treatment		Land Application
	Surface Impoundment		Post-Closure		Surface Impoundment

Post-Closure Care Corrective Action

GENERAL PERMIT COMPLIANCE AND ACTIVITIES

1. Has the expiration date of the permit passed? If so: Yes___ No X N/A___ RMK#___
- a. Is the permittee continuing any activity regulated by the permit after the expiration date of the permit? Yes___ No___ N/A X RMK#___
- b. Has the facility submitted an application for a permit renewal to the director no later than 180 days prior to the expiration date of the permit? [Condition A.6] Yes___ No N/A X RMK#___
2. Has the permittee submitted the annual permit fee, payable to "Treasurer, State of Ohio," to Ohio EPA on or before the anniversary of the date of issuance during the term of the permit? [Condition A.26] Yes X No N/A ___ RMK# 2
3. Is the permittee conducting any hazardous waste management activities (not otherwise exempt by law) which are not authorized by the permit? [Condition A.4] Yes No X N/A ___ RMK#___
4. Have any provisions of the permit been identified as invalid? [Condition A.4] Yes No X N/A ___ RMK#___
5. Has the facility identified any instances of noncompliance with the permit, ORC Chapter 3734. or the rules adopted thereunder, which may endanger human health or the environment? If so: Yes No X N/A ___ RMK#___
- a. Did the facility immediately report the following to Ohio EPA's Emergency Response Unit? [Condition A.20]
- i. Information concerning a release of any hazardous waste that may cause an endangerment to public drinking water supplies; and Yes___ No N/A X RMK#___
- ii. Information concerning a release of hazardous waste, fire or explosion at the facility which could threaten human health or the environment outside the facility including a description of: Yes___ No N/A X RMK#___

- A. Name, address and telephone number of the owner/operator? Yes___ No N/A RMK#___
- B. Name, address and telephone number of the facility? Yes___ No N/A RMK#___
- C. Name and quantity of material(s) involved? Yes___ No N/A RMK#___
- D. The extent of injuries, if any? Yes___ No N/A RMK#___
- E. An assessment of the actual or potential hazard to the environment and human health outside the facility? Yes___ No N/A RMK#___
- F. Estimated quantity and disposition of recovered material that resulted from the incident? Yes___ No N/A RMK#___
6. Did the permittee provide a written report to Ohio EPA's Emergency Response Unit within five days of becoming aware of the circumstances reported in Questions No. 5? If so, did the report contain: [Condition A.21]
- a. A description of the noncompliance and its cause (including exact dates and times)? Yes___ No N/A RMK#___
- b. Whether the noncompliance has been corrected and if not, the anticipated time noncompliance is expected to continue? and Yes___ No N/A RMK#___
- c. Steps taken or planned to minimize the impact on the environment and to reduce, eliminate and prevent recurrence of the noncompliance? Yes___ No N/A RMK#___

NOTE: The permittee need not comply with the five day written report requirement if the director, upon good cause shown by the permittee, waives that requirement and the permittee submits a written report within 15 days of the time the permittee became aware of the circumstances. [Condition A.21].

7. Has the permittee identified other instances of noncompliance not provided for in Condition A.20, if so: Yes___ No N/A ___ RMK#___

a. Did the permittee report these instances to Ohio EPA, DHWM? [Condition A.22]? Yes___ No N/A RMK#___

b. Do the reports provided contain the information set forth in Condition A-20? [Condition A.22] Yes___ No N/A RMK#___

c. Has the permittee expeditiously taken all steps necessary to minimize any adverse impact on the environment? [Condition A.8] Yes___ No N/A RMK#___

8. Has the permittee planned any changes in the permitted facility or activity which may result in noncompliance with the conditions of the permit?: Yes___ No N/A___ RMK#___

a. If so, has the facility provided Ohio EPA with advance notice of such changes? [Condition A.17] Yes___ No N/A RMK#___

NOTE: Such notification does not waive the permittee's duty to comply with the permit. [Condition A.5]

PERMIT MODIFICATION, REVISION, REVOCATION

9. Has the permittee filed a request for a permit modification, revision or revocation since permit issuance? [Condition A.2] Yes No___ N/A___ RMK#___

10. Has the permit, been transferred to a new owner/operator? If so: Yes___ No N/A___ RMK#___

a. Has the transfer been conducted in accordance with ORC Chapter 3734. and the rules adopted thereunder? [Condition A.18] Yes___ No N/A RMK#___

b. Before transferring ownership did the permittee notify the new owner in writing of the requirements of ORC Chapter 3734. and the rules adopted thereunder and the applicable Ohio hazardous waste rules? [Condition A.18] Yes___ No N/A RMK#___

11. Has the permittee submitted reports in any compliance schedule of the permit to Ohio EPA no later than 14 days following each scheduled date, unless otherwise specified? [Condition A.19] Yes No N/A___ RMK#___

12. Has the permittee furnished relevant information which Ohio EPA has requested to determine whether cause exists for modifying, revising, revoking or suspending the permit, to determine compliance with the permit? [Condition A.10] Yes No N/A ___ RMK#___
13. Has the facility furnished Ohio EPA, upon request, with copies of records required to be kept by the permit? [Condition A.10] Yes No N/A ___ RMK#___
14. Has the permittee become aware that it failed to submit any relevant facts in the permit or issuance proceedings or that it submitted incorrect or incomplete information in permit issuance proceedings or other submissions to Ohio EPA or the Hazardous Waste Facility Board (HWFB)? If so: Yes ___ No N/A ___ RMK#___
- a. Has the permittee properly submitted such facts or corrected information to the appropriate entity? [Condition A.24] Yes ___ No N/A RMK#___
15. Is the permittee maintaining records of all data used to complete the application and any amendments, revisions or modifications to the application? [Condition A.14] Yes No N/A ___ RMK#___
16. Is the permittee retaining a complete copy of the approved application on-site? [Condition A.14] Yes No N/A ___ RMK#___
17. Is the permittee planning any physical alterations or additions to any permitted portions of the facility? If so: Yes No ___ N/A ___ RMK#___
- a. Has the permittee given notice to the director of such alterations/additions? [Condition A.15] Yes No ___ N/A ___ RMK# 1

SITE ENTRY - AVAILABILITY OF RECORDS

18. As specified in Condition A.11, has the permittee allowed the director or an authorized representative, upon proper identification to:

a. Enter at reasonable times upon the premises where a regulated activity is located or where records are kept under the conditions of the permit?

Yes No N/A ___ RMK# ___

b. Have access to and copy, at reasonable times, any records required to be kept under the conditions of the permit?

Yes No N/A ___ RMK# ___

c. Inspect, at any time, facilities, equipment (including control and monitoring equipment), practices or other operations regulated under the conditions of the permit?

Yes No N/A ___ RMK# ___

d. Sample, document, photograph or monitor, at reasonable times, any substances or parameter at the location of the facility to assure compliance with the permit or as otherwise authorized by ORC Chapter 3734. and the rules adopted thereunder?

Yes No N/A ___ RMK# ___

APPLICATION ACTIVITIES

Note: The inspector or permit writer may add questions pertaining to the permittee's application, as appropriate.

REMARKS

1. Ineos plans on closing the spent caustic storage tank (S02-14). A letter was sent to Director Korleski that was received in NWDO on April 23, 2007. Ohio EPA is working with Ineos on this issue.
2. Ineos paid the annual hazardous waste fee on December 15, 2006.

RECORD KEEPING/OPERATING REQUIREMENTS

OPERATING RECORD

1. In accordance with OAC rules 3745-54-73 and Condition B.22 of the permit, does the permittee maintain an Operating Record which contains the following information:

a. A description of the quantity of each hazardous waste and the method(s) and date(s) of its treatment or storage including cross-reference to specific manifest numbers?

Yes No N/A ___ RMK# ___

- b. The location of each hazardous waste and quantity at each location? Yes No N/A ___ RMK# ___
- c. Records and results of waste analysis? Yes No N/A ___ RMK# ___
- d. Summary reports and details of all incidents that required implementation of the contingency plan? Yes No N/A ___ RMK# ___
- e. Records and results of inspections? Yes No N/A ___ RMK# ___
- f. Documents required to be maintained by LDR requirements of OAC Chapter 3745-270? Yes No N/A ___ RMK# ___
- g. **For disposal facilities**, location and quantity of each hazardous waste record on a facility map and cross-references to manifest document numbers? [3745-54-73(B)(2)] Yes No N/A ___ RMK# ___

DOCUMENTS TO BE MAINTAINED AT FACILITY

2. In accordance with Condition A.28 of the permit, is the permittee maintaining the following documents at the facility:
- a. Waste analysis plan in accordance with OAC rule 3745-54-13? [Condition A.28(a)(i)] Yes No N/A ___ RMK# ___
- b. Contingency plan in accordance with OAC rule 3745-54-53? [Condition A.28(a)(ii)] Yes No N/A ___ RMK# ___
- c. Closure plan in accordance with OAC rule 3745-55-12? [Condition A.28(a)(iii)] Yes No N/A ___ RMK# ___
- d. Cost estimate for facility closure in accordance with OAC rule 3745-55-42? (Estimate only - adequacy will be evaluated by CO financial assurance personnel) [Condition A.28(a)(iv)] Yes No N/A ___ RMK# ___
- e. Personnel training plan and records required by OAC rule 3745-54-16? [Condition A.28(a)(v)] Yes No N/A ___ RMK# ___

- f. Inspection schedules developed in accordance with OAC rule 3745-54-15 and OAC rule 3745-55-74? [Condition A.28(a)(vii)] Yes No N/A ___ RMK# ___
- g. Operating record in accordance with OAC rule 3745-54-73? [Condition A.28(a)(vi)] Yes No N/A ___ RMK# ___
- h. Post-closure plan, as required by OAC rule 3745-55-18(A)? [Condition M.1] Yes No N/A ___ RMK# ___
3. Is the permittee maintaining copies of all inspection logs at the facility for a period of at least three years from date of inspection? [Condition A.28(c)] Yes No N/A ___ RMK# ___
4. Have any of the documents in Question No. 2 been revised? [Condition A.28(b)] If so: Yes No N/A ___ RMK# ___
- a. Has the permittee submitted the revisions to Ohio EPA in accordance with OAC rule 3745-50-51? Yes No N/A ___ RMK# ___
- b. Has the permittee received approval in accordance with OAC rule 3745-50-51 to make such changes? Yes No N/A ___ RMK# ___

ANNUAL REPORT REQUIREMENT

5. Is the permittee complying with annual report requirements set forth in OAC rule 3745-54-75 and the additional report requirements set forth in OAC rule 3745-54-77? [Condition B.25] Yes No N/A ___ RMK# 1

SAMPLING/MONITORING RECORD KEEPING REQUIREMENTS

6. In compliance with Condition A.12 of the permit, do the permittee's records of monitoring information specify the:
- a. Date(s), exact place(s), time(s) and method(s) of sampling or measurement? Yes No N/A ___ RMK# ___
- b. Individual(s) who performed the sampling or measurement? Yes No N/A ___ RMK# ___
- c. Date(s) analyses were performed? Yes No N/A ___ RMK# ___

d. Individual(s) who performed the analyses?

Yes No N/A ___ RMK# ___

e. Analytical technique(s) or method(s) used?

Yes No N/A ___ RMK# ___

f. Results of such analyses?

Yes No N/A ___ RMK# ___

7. Have the methods used to obtain a representative sample of the waste to be analyzed included the appropriate SW-846 method or an equivalent method specified in the approved waste analysis plan? [Condition A.12]

Yes No N/A ___ RMK# ___

8. In accordance with Condition A.14 of the permit, is the permittee retaining records of monitoring information as required by the permit for at least three years from the date of sampling, including:

a. All calibration and maintenance records.

Yes No N/A ___ RMK# ___

9. Has Ohio EPA requested submittal of any reports or other information from the permittee? If so:

Yes ___ No N/A ___ RMK# ___

a. Have the submittals been signed and certified according to OAC rule 3745-50-42? [Condition A.13]

Yes ___ No N/A RMK# ___

REMARKS

1. Ineos filed the electronic copy on February 23, 2007.

WASTE MINIMIZATION REQUIREMENTS

1. Does the permittee certify at least once every year that a program is in place to reduce the volume and toxicity of hazardous waste generated in accordance with Condition A.29 and OAC rule 3745-54-73?

Yes No N/A ___ RMK# ___

2. Did the permittee submit the waste minimization report to Ohio EPA, Technical Assistance Section, Office of Pollution Prevention and Northwest District Office within 180 days of journalization of this permit? and updates biennially thereafter? [Condition A.29(c)]

Yes ___ No N/A RMK# 1

3. Has the permittee reduced the amount of waste (hazardous waste, solid waste, air emission, waste water discharges, etc.) this year generated at their facility by implementing pollution prevention/waste minimization?

Yes ___ No ___ N/A RMK# ___

If so, what amount of waste has the permittee reduced this year? _____

4. Has the permittee's company saved much money this year by implementing pollution prevention (reducing raw material usage, disposal fees, energy savings, etc.)?

Yes ___ No ___ N/A RMK# ___

If so, how much money has the permittee's company saved this year? _____

NOTE: If this facility is inspected two times a year, the information obtained in questions 3 & 4 only needs to be collected one time for the calendar year.

REMARKS

1. Ohio EPA does not require this to be submitted annually. Ineos is constantly trying to minimize waste and to save money.

GROUND WATER MONITORING

1. Has the permittee conducted semi-annual sampling of their monitoring wells?

Yes No N/A ___ RMK# ___

2. Have they reported the results in the Annual Report to the director by March 1st as required by Condition J.8(c)?

Yes No N/A ___ RMK# 1

REMARKS

1. Ineos submitted the annual report electronically on February 23, 2007.

OFF-SITE SHIPMENTS/MANIFEST REQUIREMENTS

1. Is the permittee complying with the following manifest requirements set forth in OAC Chapter 3745-52 and OAC rules 3745-54-70, 3745-54-71, 3745-54-72 and 3745-54-76: [Condition B.24]

a. All hazardous wastes shipped off-site have been accompanied by a completed manifest, U.S. EPA Form 8700-22 and, if necessary, U.S. EPA Form 8700-22A in compliance with OAC rule 3745-52-20(A)?

Yes No N/A ___ RMK# ___

b. The manifest form used contains all information required by OAC rule 3745-52-20 and the minimum number of copies required by OAC rule 3745-52-22?

Yes No N/A ___ RMK# ___

c. The permittee has designated at least one permitted disposal facility and has/will designate an alternate facility or instructions to return waste in compliance with OAC rule 3745-52-20(B)(C)(D)?

Yes No N/A ___ RMK# ___

d. Prepared manifests have been signed by the permittee and initial transporter in compliance with OAC rule 3745-52-23?

Yes No N/A ___ RMK# ___

2. Are signed copies of all hazardous waste manifests and any documentation required for exception reports retained for at least three years at the facility as required by OAC rules 3745-52-40 and 3745-54-71(A)(5)?

Yes No N/A ___ RMK# ___

3. Does the permittee use only properly registered transporters when removing hazardous wastes? [Condition A.16]

Yes No N/A ___ RMK# ___

Transporters:
Onyx Industrial Services
Onyx Environmental SVCS LLC
Bedrock DBA Tristate Motor Transit

4. Is one copy of the manifest given to the transporter, one copy sent to the generator within 30 days and one copy kept for at least three years? [3745-54-71(A)]

Yes No N/A ___ RMK# ___

a. If shipping papers are used in lieu of manifests (bulk shipments, etc.), are the same requirements met? [3745-54-71(B)]

Yes No N/A ___ RMK# ___

b. Are any significant discrepancies in the manifest, as defined in 3745-54-72(A) noted in writing on the manifest document?

Yes No N/A ___ RMK# ___

5. Have any manifest discrepancies been reconciled within 15 days as required by 3745-54-72(B) or has the owner/operator submitted the required information to the director?

Yes No N/A ___ RMK# ___

6. If the facility has accepted any unmanifested hazardous wastes from off-site sources for treatment, storage, or disposal, has an unmanifested waste report containing all the information required by 3745-54-76(A) been submitted to the director within 15 days?

Yes ___ No N/A RMK# ___

WASTE ANALYSIS/WASTE ANALYSIS PLAN

1. Does the permittee have a detailed chemical and physical analysis of waste streams which contains all information of the waste in accordance with OAC Chapters 3745-54 to 3745-57, 3745-218 and 3745-270 and the terms and conditions of the permit? [Condition B.3]

Yes No N/A ___ RMK# ___

2. Does the permittee follow the procedures described in the WAP (Application *Section C??*)? [Condition B.3]

Yes No N/A ___ RMK# ___

3. In accordance with OAC rule 3745-54-13(A)(3), does the permittee repeat the waste analysis when the process or operation generating the hazardous waste has changed, or at least annually? [Condition B.3]

Yes No N/A ___ RMK# ___

4. Does the permittee place the results of all waste analyses in the facility operating record in accordance with OAC rule 3745-54-73?

Yes No N/A ___ RMK# ___

REMARKS

GENERAL INSPECTION REQUIREMENTS

- 1. Is the permittee following the inspection procedures and schedules as set forth in the permit (F-2 of the approved Part B permit application) and the requirements of OAC rules 3745-54-15(A), (C) and (D)? [Condition B.5] Yes X No N/A ___ RMK# ___

- 2. Is the permittee following the approved inspection schedule for inspecting: monitoring equipment, safety equipment, emergency equipment, security devices and operating and structural equipment as specified in OAC rule 3745-54-15(B)? Yes X No N/A ___ RMK# ___
 - a. Is the schedule kept at the facility? [OAC rule 3745-54-15(B)(2)] Yes X No N/A ___ RMK# ___

- 3. Does the permittee remedy deterioration or any malfunctions discovered by an inspection as required by OAC rule 3745-54-15(C)? [Condition B.5] Yes X No N/A ___ RMK# ___

- 4. Is the permittee maintaining records of inspections (for three years) as required by OAC rule 3745-54-15(D)? [Condition B.5] Yes X No N/A ___ RMK# ___

- 5. In accordance with OAC rule 3745-54-15(D) and Condition C.8 of the permit, do inspection records contain the following information:
 - a. Date and time of inspection? Yes X No N/A ___ RMK# ___
 - b. Signature of inspector? Yes X No N/A ___ RMK# ___
 - c. Notation of observations made? Yes X No N/A ___ RMK# ___
 - d. Date and nature of any repairs or other remedial actions? Yes X No N/A ___ RMK# ___

REMARKS

SECURITY REQUIREMENTS

1. Is the permittee complying with the following security provisions of OAC rule 3745-54-14 and Condition B.4 of the permit: [Section F-1 of the Part B permit application]
- a. Does the permittee have a 24-hour surveillance system which continuously monitors and controls entry onto the active portion of the facility? Yes No N/A ___ RMK# ___
- b. An artificial or natural barrier (in good repair) which completely surrounds the active portion of the facility? Yes No N/A ___ RMK# ___
- c. A means to control entry, at all times, through gates or other entrances, to the active portion of the facility? Yes No N/A ___ RMK# ___
2. In accordance with OAC rule 3745-54-14(C), does the permittee have signs reading "Danger - Unauthorized Personnel Keep Out" posted at entrances of the hazardous waste container storage building number S01. Yes No N/A ___ RMK# ___

FACILITY OPERATIONS

3. Is construction, maintenance and operation of the facility being conducted to minimize the possibility of a fire, explosion, or unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, ground or surface water? [Condition B.1] Yes No N/A ___ RMK# ___
4. Does the permittee properly maintain and operate the facility to achieve compliance with the terms and conditions of the permit including: [Condition A.9]
- a. Effective management practices? Yes No N/A ___ RMK# ___
- b. Adequate funding? Yes No N/A ___ RMK# ___
- c. Adequate operator staffing and training? Yes No N/A ___ RMK# ___

d. Adequate laboratory and process controls?

Yes No N/A ___ RMK# ___

REMARKS

PERSONNEL TRAINING

1. Is the permittee conducting personnel training in accordance with the conditions of the permit and with the following requirements of OAC rule 3745-54-16: [Condition B.6]

Yes No N/A ___ RMK# ___

a. The facility provides personnel training which includes instruction in safe equipment operation and emergency procedures and implementation of the contingency plan? [OAC rule 3745-54-16(A)(B)(C)]

Yes No N/A ___ RMK# ___

b. The facility provides personnel training to new employees within six months after their date of employment as required by OAC rule 3745-54-16(B)?

Yes No N/A ___ RMK# ___

c. The facility provides an annual refresher training course as required by OAC rule 3745-54-16(C)?

Yes No N/A ___ RMK# ___

2. Is the permittee maintaining personnel training records as required by OAC rule 3745-54-16(D) and of the approved application, including: written job titles, job descriptions and documented employee training records? [Condition B.6]

Yes No N/A ___ RMK# ___

REMARKS

REQUIRED EQUIPMENT

1. Has the permittee equipped the facility with the following emergency equipment as required by OAC rule 3745-54-32 and Condition B.9 of the permit:

a. An internal communications or alarm system?

Yes No N/A ___ RMK# ___

b. A device such as a telephone which is capable of summoning emergency assistance from local emergency authorities? Yes No N/A ___ RMK# ___

c. Portable fire extinguishes and/or fire control equipment? Yes No N/A ___ RMK# ___

d. Water in adequate volume and pressure to supply water hose streams, foam producing equipment, automatic sprinklers or water spray systems? Yes No N/A ___ RMK# ___

2. Is the permittee inspecting, testing and maintaining the equipment specified in Question No. 1 to ensure its proper operating in accordance with OAC rule 3745-54-33 and Condition B.10 of the permit? Yes No N/A ___ RMK# ___

3. Whenever hazardous waste is being managed at the facility, has the permittee provided all personnel involved in the operation with immediate access to an internal alarm or emergency communication device as required by OAC rule 3745-54-34 and Condition B.11 of the permit? Yes No N/A ___ RMK# ___

REMARKS

CONTINGENCY PLAN - EMERGENCY PROCEDURES

1. In compliance with Condition B.13 of the permit and OAC rule 3745-54-37(A) and (B), does the permittee:
a. Familiarize emergency response agencies with the layout of the facility, associated hazards, places where personnel will normally be working, entrances and possible evacuation routes? Yes No N/A ___ RMK# ___

b. Inform such agencies of safety equipment, supplies, proper emergency safety procedures that are applicable to the facility? Yes No N/A ___ RMK# ___

c. Familiarize the local hospital listed in the approved application with the properties of hazardous waste handled at the facility and the types of injuries or illness that could result from fires, explosions or releases at the facility? Yes No N/A ___ RMK# ___

2. Has a state or local agency declined to enter into the arrangements set forth in OAC rule 3745-54-37(A)? If so Yes ___ No N/A ___ RMK# ___
- a. Has the permittee documented the refusal in the operating record as required by OAC rule 3745-54-37(B) [Condition B.13]? Yes ___ No N/A RMK# ___
3. Has the permittee, in accordance with OAC rule 3745-54-53 submitted a copy of the approved contingency plan (including amendments, revisions or changes) to all local authorities, agencies and response contractors designated in the approved contingency plan? [Condition B.18] Yes No N/A ___ RMK# ___
4. Has the permittee notified all parties identified in the contingency plan in writing of amendments, modifications, or revisions to the plan within ten days of the effective date of the change in the plan? [Condition B.18] Yes No N/A ___ RMK# ___
5. Has the permittee submitted a copy of the approved contingency plan and all revisions, amendments and modifications to the Ohio EPA, Division of Emergency and Remedial Response (DERR) in accordance with OAC rule 3745-54-53? [Condition B.18] Yes No N/A ___ RMK# ___
6. Is the permittee reviewing the approved contingency plan at least annually and amending the plan immediately if needed in compliance with OAC rule 3745-54-52? [Condition B.17] Yes No N/A ___ RMK# ___

NOTE: Also see Question No. 4 of RECORD KEEPING Requirements to verify that any changes to the contingency plan were submitted in accordance with OAC rule 3745-50-51.

EMERGENCY COORDINATOR

7. In accordance with OAC rule 3745-54-55 and Condition B.19 of the permit, is an emergency coordinator on premises or on call at all times? Yes No N/A ___ RMK# ___
8. In accordance with OAC rule 3745-54-55 and Condition B.19 of the permit, is/are the emergency coordinator(s) at the facility familiar with the following:
- a. Contingency plan? Yes No N/A ___ RMK# ___

- b. Facility operations/activities? Yes No N/A ___ RMK# ___
- c. Waste characterization and location? Yes No N/A ___ RMK# ___
- d. Location of all records in the facility? Yes No N/A ___ RMK# ___
- e. Facility layout? Yes No N/A ___ RMK# ___
- 9. In accordance with OAC rule 3745-54-55, does/do the emergency coordinator(s) have the authority to commit the resources needed to carry out the contingency plan? [Condition B.19] Yes No N/A ___ RMK# ___
- 10. Does the permittee have a contingency plan for the facility that: [Condition B.15]
 - a. Describes the actions facility shall take to comply with OAC rules 3745-54-51 through 3745-54-56 in response to fires, explosions, or any unplanned sudden or nonsudden release of hazardous waste or hazardous waste constituents to air, soil or surface water at the facility? Yes No N/A ___ RMK# ___
 - b. Describes arrangements agreed to by local police, fire departments, hospitals, contractors and Ohio EPA and the local emergency response team to coordinate emergency services? Yes No N/A ___ RMK# ___
 - c. Includes an up-to-date list of names, addresses and phone numbers (office and home) for all persons qualified to act as emergency coordinator in the order that they will assume responsibility for coordination of emergency response? Yes No N/A ___ RMK# ___
 - d. Includes a list of all emergency equipment, including fire extinguishing systems, spill control equipment, communications and alarm systems and decontamination equipment? Yes No N/A ___ RMK# ___

e. Includes the location and a physical description of each item on the list referenced in Question No. 10(d), and a brief outline of its capabilities?

Yes No N/A RMK#

f. Includes an evaluation plan for facility personnel describing signals to be used to begin evacuation, evacuation routes, and alternate evacuation routes, in situations where the primary routes could be blocked by releases of hazardous waste?

Yes No N/A RMK#

REMARKS

IMPLEMENTATION OF CONTINGENCY PLAN

11. Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents at the facility including spill or release of hazardous waste or hazardous waste constituents greater than or equal to 55 gallons; any spill or release of hazardous waste or hazardous waste constituents less than 55 gallons may result in a fire or explosion hazard as determined by the Emergency Coordinator; or any spill on-site that may potentially cause on or off-site soil and/or ground or surface water contamination; any spill or release of hazardous waste or hazardous waste constituents that is reported to the National Response Center or local (city or county) emergency response center because the spill exceeded the "RQ" limits; any fire involving hazardous waste; any explosion involving hazardous waste; since the date of the last inspection? If so

Yes No N/A RMK#

a. Did the permittee immediately implement the approved contingency plan and follow the emergency procedures described in OAC rule 3745-54-56? [Condition B.16]

Yes No N/A RMK#

b. Did the permittee immediately notify Ohio EPA's emergency response team using the 24-hour toll free number (800)282-9378 providing the following information: [OAC rule 3745-54-56(D)(2)]

i. Name and telephone number of the reporter?

Yes No N/A RMK#

ii. Name and address of the facility?

Yes No N/A RMK#

- iii. Time and type of incident? Yes___ No N/A X RMK#___
- iv. Name and quantity of materials involved? Yes___ No N/A X RMK#___
- v. The extent of injuries? Yes___ No N/A X RMK#___
- vi. The possible hazards to human health or the environment outside the facility? Yes___ No N/A X RMK#___
- c. Did the permittee collect and manage as hazardous waste all liquid or solid material resulting from fire, explosion, released material or emergency response materials until such time as the permittee can demonstrate to Ohio EPA that such waste are not hazardous wastes? [Condition B.16] Yes___ No N/A X RMK#___
- d. Within 15 days of the incident did the permittee submit to the director a written report of the incident? If so: Yes___ No N/A X RMK#___
 - i. Did the report contain the elements set forth in OAC rule 3745-54-56(J)? [Condition B.23] Yes___ No N/A X RMK#___
 - e. Did the permittee note in the operating record the time, date and details of any incident that required the implementation of the approved contingency plan as required by OAC rule 3745-54-56(J)? [Condition B.23] Yes___ No N/A X RMK#___

REMARKS

PREPAREDNESS AND PREVENTION

- 1. Is the facility operated to minimize the possibility of fire, explosion, or non-planned release of hazardous waste? [3745-54-31, and Condition B.1] Yes X No N/A ___ RMK#___
- 2. If required due to actual hazards associated with the waste, does the facility have the following equipment: [Condition B.9]

- a. Internal alarm system? Yes X No N/A ___ RMK#___
- b. Access to telephone, radio or other device for summoning emergency assistance? Yes X No N/A ___ RMK#___
- c. Portable fire control equipment, spill control and decontamination equipment? Yes X No N/A ___ RMK#___
- d. Water of adequate volume and pressure via hoses, sprinkler, foamers or sprayers? Yes X No N/A ___ RMK#___
3. Is all required spill control and decontamination equipment, fire and communications equipment tested as necessary to assure its proper operation in time of emergency? [3745-54-33, and Condition B.10] Yes X No N/A ___ RMK#___
4. If required due to the actual hazards associated with the waste, do personnel have immediate access to an emergency communication device? [3745-54-34, and Condition B.11] Yes X No N/A ___ RMK#___

REMARKS

CLOSURE REQUIREMENTS

1. Does the permittee maintain the approved closure plan at the facility? [Condition B.29] Yes X No N/A ___ RMK#___
2. Is the permittee keeping at the facility and submitting annually to Ohio EPA, the latest closure cost estimate as required by OAC rule 3745-55-42(D) [Condition B.36] Yes X No N/A ___ RMK#___
3. Has the permittee amended the closure plan? If so: Yes X No ___ N/A ___ RMK#___
- a. Has the plan been amended in accordance with OAC rule 3745-55-12 and 3745-50-51? [Condition B.28] Yes X No N/A ___ RMK#___

NOTE: Also see RECORD KEEPING Requirements (Question #4) in order to verify that any changes to the closure plan were submitted in accordance with OAC rule 3745-50-51.

4. Has the permittee closed the facility? If so: Yes___ No N/A___ RMK#___
- a. Did the permittee complete closure of the facility 180 days after receiving the final volume of hazardous waste, as required by Condition B.31 of the permit? Yes___ No N/A RMK#___
- b. Was closure conducted in accordance with the closure performance standard of OAC rule 3745-55-11? [Condition B.31] Yes___ No N/A RMK#___
- c. Did the permittee carry out the approved closure plan as set forth in Section I of the approved permit application? [Condition B.26] Yes___ No N/A RMK#___
- d. After receiving the final volume of hazardous waste, did the permittee removal all hazardous waste and complete closure activities in accordance with the schedule specified in the approved closure plan and as required by OAC rule 3745-55-13? [Condition B.31] Yes___ No N/A RMK#___
- e. Has the permittee decontaminated and/or disposed of all facility equipment, structures and soils as required by OAC rule 3745-55-14 and the approved closure plan? [Condition B.32] Yes___ No N/A RMK#___
- f. Has the permittee certified that the facility has been closed in accordance with the specifications in the approved closure plan as required by OAC rule 3745-55-15? [Condition B.33] Yes___ No N/A RMK#___
- g. Has the permittee submitted a survey plat to the director and local zoning authority no later than the submission of certification of closure of each hazardous waste disposal unit? [Condition B.34] Yes___ No N/A RMK#___

REMARKS

POST-CLOSURE MAINTENANCE

1. Has the permittee inspected the components, structures, and equipment at the site in accordance with the inspection schedule in Section 18.3 and Table 18.3-1 of the approved Post-Closure Plan on a quarterly basis? [OAC rule 3745-55-17(A)(1)(b)] [Condition M.2]
- Yes X No N/A RMK#
2. Has the permittee conducted and recorded an inspection of at least the following? [Condition M.3]
- Yes X No N/A RMK#
- a. Security control devices (gates, locks, fences and signs);
 - b. Erosion control;
 - c. Cover settlement, subsidence and displacement;
 - d. Vegetative cover conditions;
 - e. Integrity of run-on/run-off control measures;
 - f. Cover drainage system functioning;
 - g. Monitor well conditions; and
 - h. Benchmark integrity.
3. Is the permittee using the inspection forms found in the approved Post Closure Plan?
- Yes X No N/A RMK#
4. Have suitable repairs been made within a reasonable amount of time? [Condition M.3]
- Yes No N/A X RMK#
5. Have repairs been indicated on the Notification Repair Form?
- Yes No N/A X RMK#
6. Was the Notification of Repair Form submitted to Ohio EPA within one week after determining that repairs are necessary?
- Yes No N/A X RMK#

REMARKS

The Permittee shall provide post-closure care for Cell #1 (V-Pond) and Cell #2 (Deepwell and Burn Pond). The two units being closed as landfills are subject to post-closure care requirements for 30 years. The post-closure care includes maintenance of the landfill caps, leachate management, storm water management, security, financial assurance and ground water monitoring.

STORAGE OF HAZARDOUS WASTES IN CONTAINERS

NOTE: *The requirements of Conditions C.1(a) and C.2 do not apply to the permittee's activities as a generator accumulating hazardous waste for <90 days per OAC rule 3745-52-34(A). Please complete the applicable sections of the Generator Requirements checklist to document compliance with activities associated with <90 day accumulation of wastes.*

CONDITION OF CONTAINERS

1. Are containers holding hazardous wastes in good condition as required by OAC 3745-55-71? [Condition C.3] If not: Yes No N/A RMK# _____
- a. Did the permittee transfer the hazardous waste from such a container to one that is in good condition or otherwise manage the waste in a manner that complies with the conditions of the permit? [Condition C.3] Yes No N/A RMK# _____
2. Does the permittee ensure that all containers used at the facility are compatible with the hazardous waste to be stored in them as required by OAC rule 3745-55-72? [Condition C.4] Yes No N/A RMK# _____
3. Does the permittee keep all containers closed during storage except when it is necessary to add or remove waste as required by OAC rule 3745-55-73? [Condition C.5] Yes No N/A RMK# _____
4. Does the permittee store all containerized hazardous waste on the container storage containment system as described in Condition C.5 of the permit? [Condition C.1] Yes No N/A RMK# _____

INSPECTIONS

5. Is the permittee inspecting the container area weekly in accordance with OAC rule 3745-55-74 and the approved inspection schedule in Section F-2 of the Part B permit application to detect leaking containers and deterioration of containers and the containment system? [Condition C.8] Yes No N/A RMK# _____

- a. Does the permittee note the results of these inspections in the inspection log along with any remedial action taken as required by OAC rule 3745-54-15(D) and OAC rule 3745-54-73(B)(5)?

Yes No N/A ___ RMK# ___

CONTAINMENT SYSTEM

6. Does the permittee maintain the containment system as described in the approved permit application, Section D, including: [Condition C.6]

Yes No N/A ___ RMK# ___

- a. Sufficient capacity to hold 10% of the total volume of containers?

Yes No N/A ___ RMK# ___

- b. A system which is free of gaps and sufficiently impervious to contain leaks and spills?

Yes No N/A ___ RMK# ___

7. Has the permittee had a spill or leak of wastes? If so:

Yes ___ No N/A ___ RMK# ___

- a. Was spilled or leaked waste removed in a timely manner? [Condition C.6]

Yes ___ No N/A RMK# ___

NOTE: This time period is not to exceed 24 hours. [Condition C.6]

AISLE SPACE

8. Is the permittee maintaining adequate aisle space to allow unobstructed movement of personnel and equipment in the event of an emergency as required by OAC rule 3745-54-35 and Condition B.12 of the permit?

Yes No N/A ___ RMK# ___

REMARKS

LAND DISPOSAL RESTRICTION REQUIREMENTS

NOTE: In order to determine compliance with the following permit conditions, please complete the LDR checklist:

1. Does the permittee comply with all applicable regulations regarding land disposal prohibitions and restrictions as required by OAC Chapter 3745-270? [Condition B.40]

Yes No N/A ___ RMK# ___

2. Does the permittee comply with the notification and certification requirements of OAC rule 3745-270-07(A)? Yes No N/A ___ RMK# ___
3. Does the permittee comply with the requirements of OAC rule 3745-270-03 and does not in any way dilute a restricted waste or treatment residue as a substitute for adequate treatment? Yes No N/A ___ RMK# ___
4. Does the permittee retain supporting data used to determine if wastes managed at the facility are restricted from land disposal in the facility files as required by OAC rule 3745-270-07(A)(5)? Yes No N/A ___ RMK# ___
- a. Are copies of all notices, certifications, demonstrations, waste analysis and other documentation produced pursuant to OAC Chapter 3745-270 retained for a period of three years as required by OAC rule 3745-270-07(A)? Yes No N/A ___ RMK# ___
5. Is the permittee in compliance with the requirements of OAC rule 3745-270-50 regarding the storage of wastes restricted or prohibited from land disposal under OAC rule 3745-270-50? Yes No N/A ___ RMK# ___

REMARKS

CORRECTIVE ACTION

1. Has the permittee submitted the monthly progress report for all corrective action activities? (This report is due by the 15th of the month following the reporting period.) Yes ___ No N/A RMK# ___
2. Has the permittee identified any new WMUs or releases at the facility? [Condition E.10]? If so: Yes ___ No N/A RMK# ___
- a. Did the permittee follow the steps indicated in Conditions E.10 and E.11? Yes ___ No N/A RMK# ___

REMARKS

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**LARGE QUANTITY GENERATOR REQUIREMENTS
COMPLETE AND ATTACH A PROCESS DESCRIPTION SUMMARY**

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. Are records of waste determination being kept for at least 3 years?[3745-52-40(C)] Yes No N/A
3. Has the generator obtained a U.S. EPA identification number? [3745-52-12] Yes No N/A
4. Were annual reports filed with Ohio EPA on or before March 1st? [3745-52-41(A)]Filed 2-19-07 Yes No N/A
5. Are annual reports kept on file for at least 3 years?[3745-52-40(B)] Yes No N/A
6. 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
7. Has the generator disposed of hazardous waste **on-site without a permit** or at another facility **other** than a facility authorized to dispose of the hazardous waste? [ORC 3734.02(E) & (F)] Yes No N/A
8. Does the generator accumulate hazardous waste? Yes No N/A

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

9. Has the generator accumulated hazardous waste on-site in excess of 90 days without a permit or an extension from the director ORC §3734.02 (E) & (F)? Yes No N/A

NOTE: If F006 waste is generated and accumulated for > 90 days and is recycled see 3745-52-34(G) & (H).

10. Does the generator treat hazardous waste in a: [ORC 3734.02(E)&(F)]
 - a. Container that meets 3745-66-70 to 3745-66-77? Yes No N/A
 - b. Tank that meets 3745-66-90 to 3745-66-101 except 3745-66-97 (C)? Yes No N/A
 - c. Drip pads that meet 3745-69-40 to 3745-69-45? Yes No N/A
 - d. Containment building that meets 3745-256-100 to 3745-256-102? Yes No N/A

NOTE: Complete appropriate checklist for each unit.

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

11. Does the generator export hazardous waste? If so: Yes No N/A
 - a. Has the generator notified U.S. EPA of export activity? [3745-52-53(A)] Yes No N/A
 - b. Has the generator complied with special manifest requirements? [3745-52-54] Yes No N/A
 - c. For manifests that have not been returned to the generator: has an exception report been filed? [3745-52-55] Yes No N/A
 - d. Has an annual report been submitted to U.S. EPA? [3745-52-56] Yes No N/A
 - e. Are export related documents being maintained on-site? [3745-52-57(A)] Yes No N/A

MANIFEST REQUIREMENTS

12. Have all hazardous wastes shipped off-site been accompanied by a manifest? (U.S. EPA Form 8700-22) [3745-52-20(A)] Yes No N/A
13. 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 completed. [3745-52-20(A)]

14. 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 alternate 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)].

15. If the transporter was unable to deliver a shipment of hazardous waste to the designated facility did the generator designate an alternate TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)] Yes No N/A
16. Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1) & (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 a program in place to reduce the volume and toxicity waste they generate.

17. If the generator did not receive a return copy of each completed manifest within 35 days of the waste being accepted by the transporter did the generator contact the transporter and/or TSD facility to check on the status of the waste? [3745-52-42(A)(1)] Yes No N/A
18. If the generator has not received the manifest within 45 days, did the generator file an exception report with Ohio EPA? [3745-52-42(A)(2)] Yes No N/A
19. Are signed copies of all manifests and any exception reports 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.

PERSONNEL TRAINING

20. Does the generator have a training program which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to their positions? [3745-65-16(A)(2)] Yes No N/A
21. Does the personnel training program, at a minimum, include instructions to ensure that facility personnel are able to respond effectively to emergencies involving hazardous waste by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)(a-f)] Yes No N/A
22. Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)] Yes No N/A
23. Do new employees receive training within six months after the date of hire (or assignment to a new position)? [3745-65-16(B)] Yes No N/A
24. Does the generator provide annual refresher training to employees? [3745-65-16(C)] Yes No N/A
25. Does the generator keep records and documentation of:
- a. Job titles [3745-65-16D(1)]? Yes No N/A
 - b. Job descriptions [3745-65-16D(2)]? Yes No N/A
 - c. Type and amount of training given to each person [3745-65-16D(3)]? Yes No N/A
 - d. Completed training or job experience required [3745-65-16D(4)]? Yes No N/A
26. Are training records for current personnel kept until closure of the facility and are training records for former employees kept for at least three years from the date the employee last worked at the facility? [3745-65-16(E)] Yes No N/A

NOTE: The following section can be used by the inspector to document that all personnel who are involved with hazardous waste management have been trained. The employees who need training (written and/or on-the-job) may include the following: environmental coordinators, drum handlers, emergency coordinators, personnel who conduct hazardous waste inspections, emergency response teams, personnel who prepare manifest, etc.

<u>Job Performed</u>	<u>Name of Employee</u>	<u>Date Trained</u>
Laborer, Barrel Yard	Willy Tisdale	3-2-2006, 2-26-2007
Laborer, Barrel Yard	Bernie Rowe	3-2-2006, 2-22-2007
Lab Manager in the Borex Lab	Barry Berlin	2-28-2006, 2-16-2007
Operator in the Acrylonitrile Plant	Nicholas Ciminillo	2-27-2006, 2-9-2007

28. Does the plan describe the following:
- a. Actions to be taken in response to fires, explosions or any unplanned release of hazardous waste [3745-65-52(A)]? Yes No N/A
 - b. Arrangements with emergency authorities [3745-65-52(C)]. Yes No N/A
 - c. A current list of names, addresses and telephone numbers (office and home) of all persons qualified to act as emergency coordinator? [3745-65-52(D)] Yes No N/A
 - d. A list of all emergency equipment, including: location, a physical description and brief outline of capabilities? [3745-65-52(E)] Yes No N/A
 - e. An evacuation plan for facility personnel where there is possibility that evacuation may be necessary? [3745-65-52(F)] Yes No N/A

NOTE: If the facility already has a "Spill Prevention, Control and Counter measures Plan" under CFR Part 112 or 40 CFR Part 1510, or some other emergency plan, the facility can amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with OAC requirements. [3745-65-52(B)]

29. Is a copy of the plan (plus revisions) kept on-site and been given to all emergency authorities that may be requested to provide emergency services? [3745-65-53 (A) & (B)] Yes No N/A
30. Has the generator revised the plan in response to rule changes, facility, equipment and personnel changes, or failure of the plan? [3745-65-54] Yes No N/A
31. Is an emergency coordinator available at all times (on-site or on-call)? [3745-65-55] Yes No N/A

NOTE: The emergency coordinator shall be thoroughly familiar with: (a) all aspects of the facility's contingency plan; (b) all operations and activities at the facility; (c) the location and characteristics of waste handled; (d) the location of all records within the facility; (e) facility layout; and (f) shall have the authority to commit the resources needed to implement provisions of the contingency plan.

EMERGENCY PROCEDURES

32. Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents since the last inspection? If so: Yes No N/A
- a. Was the contingency plan implemented? [3745-65-51(B)] Yes No N/A
- b. Did the facility follow the emergency procedures in 3745-65-56(A) through (H)? Yes No N/A
- c. Did the facility submit a report to the Director within 15 days of the incident as required by 3745-65-56(J)? Yes No N/A

NOTE: OAC 3745-65-51(b) requires that the contingency plan be implemented immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents, which could threaten human health and the environment.

PREPAREDNESS AND PREVENTION

33. Is the facility operated to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste? [3745-65-31] Yes No N/A
34. Does the generator have the following equipment at the facility, if it is required due to actual hazards associated with the waste:
- a. Internal communications or 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

NOTE: Verify that the equipment is listed in the contingency plan.

35. Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33] Yes No N/A
36. Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33] Yes No N/A
37. Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (unless the device is not required under 3745-65-32)? [3745-65-34(A)] Yes No N/A
38. 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
39. Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35] Yes No N/A
40. Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)] Ineos holds on site training with local authorities. Yes No N/A
41. 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

42. 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 them? [3745-52-34(C)(1)(a)] Yes No N/A
- f. Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)] Yes No N/A
43. 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 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 IN <90 DAY ACCUMULATION AREAS

44. Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)] Yes No N/A
45. Is the accumulation date on each container? [3745-52-34(A)(2)] Yes No N/A
46. 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, photograph the area, and record on facility map.

47. Is the container accumulation areas(s) inspected weekly? [3745-66-74] Per ORC§1.44(A) "Week" means 7 consecutive days. Yes No N/A
- a. Are inspections recorded in a log or summary? [3745-66-74] Yes No N/A
48. Are containers of ignitable or reactive wastes located at least 50 feet (15 meters) from the facility's property line? [3745-66-76] Yes No N/A
49. 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
50. 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
51. 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.

52. If the generator has closed a <90 day accumulation area does the closure appear to have met the closure performance standard of 3745- 66-11? [3745-52-34(A)(1)] Yes No N/A

NOTE: Please provide a description of the unit and documentation provided by the generator for the file to demonstrate that closure was completed in accordance with the closure performance standards. If the generator has closed a <90 day tank, closure must also be completed in accordance with OAC 3745-66-97 (except for paragraph C of this rule). [3745-52-34]

PRE-TRANSPORT REQUIREMENTS

53. Does the 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
54. Does each container <110 gallons have a completed hazardous waste label? [3745-52-32(B)] Yes No N/A
55. 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

LDR CHECKLIST

GENERAL LDR REQUIREMENTS

1. Has the generator adequately evaluated all wastes to determine if they are restricted from land disposal? [3745-270-07(A)(1)] If so: Yes No N/A RMK#
- a. For determinations based solely on knowledge of the waste: Is supporting data retained on-site? [3745-270-07(A)(6)] Yes No N/A RMK#
- b. For determinations based upon analytical testing: Is waste analysis data retained on-site? [3745-270-07(A)(6)] Yes No N/A RMK#
2. Has the generator determined each EPA hazardous waste code applicable to the waste? [3745-270-07(A)(2) see Table 1] Yes No N/A RMK#
3. Has the generator determined the correct "treatability group(s)" (e.g., wastewater, non-wastewater, etc.)? [3745-270-07(A), Table 1] Yes No N/A RMK#
4. Does the generator generate a characteristic hazardous waste? If so: Yes No N/A RMK#
- a. Have all underlying hazardous constituents (UHCs) been identified? [3745-270-09(A)] Yes No N/A RMK#

NOTE: If the waste is D001 non-wastewater treated by CMBST, RORGS, POLYM in Table 1 of Rule 3745-270-42 UHCs do not need to be identified.

5. Does the generator generate listed waste(s) which also exhibit hazardous characteristics? [3745-270-09] If so: Yes No N/A RMK#
- a. Has the generator also identified the appropriate treatment standard(s) for the constituent(s) which cause the waste to exhibit a characteristic? [3745-270-09(A)] Yes No N/A RMK#

NOTE: The generator is not required to identify the treatment standard for the characteristic if the listing covers the associated characteristic (e.g., a F019/D007 hazardous waste- F019 being listed due to chromium content and D007 being the characteristic waste code for chromium). [See OAC Rule 3745-270-09(B)]

6. Has the generator correctly determined if restricted wastes meet or do not meet treatment standards? [3745-270-07(A)(1)] Yes No N/A RMK#

NOTE: Wastes with EPA hazardous waste numbers K174 and K175 (chlorinated aliphatic wastes) have specific requirements in rule 3745-270-33. Waste with EPA hazardous waste numbers K176, K177 and K178 (inorganic chemical wastes) have specific requirements in rule 3745 270-36.

7. Does the owner/operator ensure that restricted wastes or treatment residues are not diluted as a method of achieving/circumventing LDR treatment standards? [3745-270-03] Yes No N/A RMK#

NOTE: A generator may dilute a waste (that is hazardous only because it exhibits a characteristic) in a treatment system that discharges to waters of the State pursuant to an NPDES permit §402 of CWA), that treats waste in a CWA equivalent treatment system, or that treats waste for the purposes of pre-treatment requirements under §307 of CWA, unless a method other than DEACT is specified or the waste is a D003 reactive cyanide wastewater or non wastewater.[3745-270-03(B)]

8. Is combustion of any of the wastes identified in the Appendix to Rule 3745-270-03 occurring without meeting one or more of the criteria under Rule 3745-270-03(C) upon generation or after treatment? [3745-270-03(C)] Yes No N/A RMK#

NOTE: In other words, is combustion a legitimate treatment method.

9. Has the generator added iron to lead-containing hazardous waste in order to achieve LDR treatment standards for lead? [3745-270-03(D)] Yes No N/A RMK#

10. Does the facility have a case-by-case extension to the effective date to land dispose of hazardous waste?[3745-270-05] If so: Yes No N/A RMK#

- a. The facility can dispose of hazardous waste in a on-site landfill or surface impoundment.[3745-270-05] Yes No N/A RMK#

11. Does the facility have an extension to allow for a restricted waste to be land disposed?[3745-270-06] If so: Yes No N/A RMK#

- a. The facility can land dispose of the waste. [3745-270-06] Yes No N/A RMK#

12. Does the facility treat wastes that are otherwise prohibited from land disposal, in a surface impoundment? Yes ___ No N/A ___ RMK# ___
If so:

a. Has the facility complied with 3745-270-04? Yes ___ No N/A RMK# ___

REMARKS

NOTIFICATION AND CERTIFICATION REQUIREMENTS

13. If a generator's waste or contaminated soil does not meet the treatment standards, does the generator have the paperwork required in Column A of Table 1 of 3745-270-07? [3745-270-07(A)(2)] Yes No N/A ___ RMK# ___
14. If a generators' waste or contaminated soil meets the treatment standard at the original point of generation, does the generator have the paperwork required in Column B of Table 1 of 3745-270-07? [3745-270-07(A)(3)] Yes ___ No N/A RMK# ___
15. If a generators' waste is exempt (under 3745-270-05, 3745-270-06, national capacity or case-by-case variance, etc.) does the generator have the paperwork required in Column C of Table 1 of 3745-270-07? [3745-270-07(A)(4)] Yes ___ No N/A RMK# ___
16. If a generator manages a lab pack containing hazardous waste using the alternative treatment standard in 3745-270-42, does the generator have the paperwork required in Column D of Table 1 of 3745-270-07? [3745-270-07(A)(9)] Yes ___ No N/A RMK# ___
17. Does the generator produce a waste that is hazardous waste from the point of generation, but subsequently excluded from regulation under OAC 3745-51-02 through 3745-51-06? [3745-270-07(A)(7)] If so: Yes ___ No ___ N/A RMK# ___
- a. Is a one-time notice placed in the facility's file stating such generation, subsequent exclusion or exemption, and disposition of the wastes? [3745-270-07(A)(7)] Yes ___ No N/A RMK# ___

NOTE: Examples include hazardous wastes discharged to a POTW or to a surface water under a NPDES permit.(See 270-07(A)(7))

18. Does the generator retain on-site a copy of all notices, certifications, demonstrations and waste analysis data for at least three years from the last shipment of waste sent off-site? [3745-270-07(A)(8)] Yes No N/A ___ RMK# ___

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 RMK# ___
- e. Disassemble them into individual batteries or cells? Yes ___ No ___ N/A RMK# ___
- f. Remove batteries from consumer products? Yes ___ No ___ N/A RMK# ___

g. Remove the electrolyte from the battery?

Yes ___ No ___ 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 ___ 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 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 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 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 RMK# ___

UNIVERSAL WASTE LAMPS

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# 1

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)] Yes 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

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)]
- 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#

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)]
15. Is the material released characterized? [3745-273-17(B)]
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#

Yes No N/A RMK#

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#

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 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 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 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 RMK# ___

1. Ineos did not have a cover on the crate storing the Universal Waste Lamps.

REMARKS

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#
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:
 - 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# 1

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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REMARKS

- 1. United Waste Water accepts the used oil.