



State of Ohio Environmental Protection Agency

FILE COPY

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Columbus, OH 43216-1049

December 1, 2009

Ms. Gretchen Viken, EHS Director
Toxco, Inc.
265 Quarry Road
Lancaster, OH 43130

Re: **Toxco, Inc.**
TSD/Large Quantity Generator
U.S. EPA ID#: OHD071654958
Fairfield County, CDO
NOV/RTC

Dear Ms. Viken:

Thank you for accompanying Andy Maneff and me during Ohio EPA's November 17 and 18, 2009, inspection of Toxco, Inc.'s (Toxco's) facility in Lancaster, Ohio. We inspected Toxco to determine its compliance with Ohio's hazardous waste laws and rules as found in Chapter 3734 of the Ohio Revised Code (ORC) and Chapter 3745 of the Ohio Administrative Code (OAC). Toxco was also inspected for compliance with the terms and conditions of its hazardous waste facility installation and operation permit issued December 21, 2005, as modified.

At the time of the inspection, Toxco was operating as a permitted hazardous waste storage facility, a large quantity generator (LQG) of hazardous waste, and a large quantity handler of universal waste. During the inspection, we found the following violation of Ohio's hazardous waste rules.

- **OAC Rule 3745-52-34(A)(2), Accumulation time of hazardous waste:** The date upon which each period of accumulation and/or treatment begins must be clearly marked and visible for inspection on each container.

At the time of the inspection, the 40-yard hazardous waste roll off box was not marked with an accumulation start date.

- During the inspection, Toxco marked the hazardous waste roll off box with the correct accumulation start date. The violation was abated at that time.

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

Ms. Gretchen Viken
Toxco, Inc.
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General Comments:

- As discussed during the inspection, please note that the KOH tote tank cannot be used as part of the less than 90-day generator KOH tank system until a tank assessment has been performed on it in accordance with OAC Rule 3745-66-92. Until that time, you may continue to use the tote as a portable container.

If you would like a free, non-regulatory on-site pollution prevention assessment or if you would like more information about pollution prevention, please contact Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) at (800) 329-7518 or visit <http://www.epa.ohio.gov/ocapp/>.

In addition, Ohio EPA's 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 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 we completed as a result of the inspection. Should you have any questions, please feel free to call me at (614) 728-3887. You can find copies of the rules and other information on the division's web page at: <http://www.epa.ohio.gov/dhwm/>.

Sincerely,

Melissa M. Storch

Melissa M. Storch
Environmental Specialist
Division of Hazardous Waste Management
Central District Office

Enclosure

c: Kristina Durnell, DHWM/CO
Andy Maneff, DHWM/CDO
CDO File

MMS/nsm Toxco.NOVRTC.Nov09

NOTICE:

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

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

For Ohio EPA use only

E-mail this completed form to kristina.durnell@epa.state.oh.us
 or mail it to Kristina Durnell, Central Office

Site EPA ID No. Site Name Site Location Information Site Land Type (check only one) NAICS code(s) www.census.gov/epcd/www/naics.html	EPA ID Number: OHD071654958 Name: Toxco, Inc. Website: (Optional) State: OH Zip Code: 43130	
	Street Address: 265 Quarry Road City, Town, or Village: Lancaster County Name: Fairfield Private <input checked="" 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"/> 421930	
Facility Representative Additional names can be recorded in number 12. Only provide address information if it is different than the site address	First Name: Gretchen MI: Last Name: Viken Phone Number: 740-653-6290 Phone Number Extension: E-Mail Address: gviken@toxco.com Fax Number: 740-653-3240 Fax Number Extension: Street or P.O. Box: 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: Toxco, Inc. Owner Private County District Type: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Street or P.O. Box: 265 Quarry Road City, Town or Village: Lancaster State: OH Name of Site's Operator: Toxco, Inc. Owner Private County District Type: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Street or P.O. Box: 265 Quarry Road City, Town or Village: Lancaster State: OH		Date Became Owner (mm/dd/yyyy): 7/1/2000 Federal Indian Municipal State Other <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Owner Phone #: 740-653-6290 Country: USA Zip Code: 43130 Date Became Operator (mm/dd/yyyy): 7/1/2000 Federal Indian Municipal State Other <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Operator Phone #: 740-653-6290 United States Zip Code: 43130

VIOLATIONS CITED? Yes No

TYPE OF HANDLER- A MINIMUM OF ONE BOX MUST BE CHECKED		
<input type="checkbox"/> Not a HW Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11	<input checked="" type="checkbox"/> Large Quantity Generator (LQG)
		<input type="checkbox"/> Small Quantity Generator (SQG)
		<input type="checkbox"/> Conditionally Exempt Small Quantity Generator
		<input type="checkbox"/> U.S. Importer of Hazardous Waste
		<input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator

TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN ALL OF THE APPROPRIATE BOXES)	
<input checked="" type="checkbox"/> Recycler of Hazardous Waste	<input type="checkbox"/> Exempt Boiler and/or Industrial Furnace
<input type="checkbox"/> 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
<input checked="" type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste	

UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED (CHECK ALL BOXES THAT APPLY))	
<input type="checkbox"/> Small Quantity Handler of Universal Waste	<input checked="" type="checkbox"/> Destination Facility for Universal Waste
<input checked="" type="checkbox"/> Large Quantity Handler of Universal Waste (accumulates 5,000 kg. or more)	

CHECK ALL BOXES BELOW THAT APPLY FOR THE TYPES OF UNIVERSAL WASTE THE FACILITY MANAGES	
<input checked="" type="checkbox"/> Batteries	
<input type="checkbox"/> Pesticides	
<input type="checkbox"/> Mercury containing equipment	
<input checked="" type="checkbox"/> Lamps	

USED OIL ACTIVITIES (INDICATE TYPE(S) OF ACTIVITY(S))	
<input type="checkbox"/> Used Oil Generator	
<input type="checkbox"/> Used Oil Transporter	
<input type="checkbox"/> Used Oil Transfer Facility	
<input type="checkbox"/> Used Oil Processor	
<input type="checkbox"/> Used Oil Re-refiner	
<input type="checkbox"/> Off-Specification Used Oil Burner	
<input type="checkbox"/> Used Oil Fuel Marketer Who Directs Shipment of Off-Spec. Oil	
<input type="checkbox"/> 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 if more space is needed. If there are more than 7 waste codes and they are the same as listed in the most recent RCRA info source record, you do not need to list them all. Instead just indicate the date of the most recent source record.

D002	D003	D004	D005	D006	D007	D008
D009	D010	D011				

COMMENTS: USE THIS AREA TO DESCRIBE WHETHER THE INSPECTION WAS ANNOUNCED, WHETHER THE WASTE IS STORED IN TANKS OR CONTAINERS, ETC.			
Announced	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Additional Facility Representatives: Ed Green
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)
Melissa Storch, DHWM/CDO	Andy Maneff, DHWM/CDO	11/17/2009 10:00am
		11/18/2009 10:00am

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 DESCRIPTION SECTION

Give a general process description (include all processes at the facility)

Toxco, Inc. is a destination facility for nickel cadmium (NiCd) and lead acid batteries. Toxco received a hazardous waste storage permit on December 21, 2005. Toxco is also a Large Quantity Universal Waste Handler (LQUWH) in addition to a Large Quantity Generator (LQG).

Toxco has five main processing areas – the NiCd breaking area, two lead acid breaking areas (manual and automated line), the retort/recovery furnace, and a battery sorting area. Toxco also has installed other pieces of equipment throughout the facility that are used to aid in the recycling process. Currently, Toxco is processing NiCd batteries and lead acid batteries. When batteries arrive at the facility, they are weighed, tagged, and logged. The batteries are also visually inspected per the facility's waste analysis plan. Once labeled, the batteries are brought into either their respective storage areas (phase I for unsorted sealed and dry cell materials, phase II for acid, phase III for alkali) or to the staging area located in phase III.

In general, the batteries are then moved into their respective breaking areas where they are processed. The hardware is removed and recycled as stainless steel. The facility cracks the batteries, and the plates are pulled and sent off site to be recycled. The battery cases are washed and placed into the granulator. The granulated material is placed into the 40-yard hazardous waste roll off box or sent off site to be recycled.

In addition, Toxco installed a dehusker, dust collector, muffin monster, and barrel crusher in Building 1. The dehusker removes plastic cases that enclose intact battery cells. The plastic cases are cracked allowing the intact battery cells to be separated from the plastic case for the purpose of recycling. The muffin monster is used to shred sintered nickel and sintered cadmium plates. The shredded material is then accumulated and used as feedstock in the retort furnaces. The dust collector (baghouse) is used to reduce the potential atmospheric emissions of particulate matter that may be generated during operation of the muffin monster and dehusker. The barrel crusher is used to compact empty metal barrels, which are then managed as scrap metal.

In Building 2, Toxco has installed a cadmium plate shredder line and cadmium treatment system. The plate shredder is operated to process steel electrode pocket plates containing cadmium oxide from NiCd batteries. In addition, Toxco has installed and is now operating an automated battery breaking process line for lead acid batteries.

Toxco uses retort furnaces to recover nickel and cadmium from dry cell batteries and plates separated from batteries in the alkali breaking area. The recovered cadmium and nickel are collected and sold as scrap metal.

The facility also operates as a Large Quantity Universal Waste Handler (LQUWH) for other types and chemistries of batteries.

The facility generates several waste streams, including polycarbonate plastic, PPE, retort wastewater, potassium hydroxide, lead plates, lead oxide, polypropylene plastic, lead absolyte plates, metallics, and plastic lead separators. Toxco also generates spent fluorescent bulbs, a

sulfuric acid effluent which is neutralized on site, and a nonhazardous filter cake.

WASTE ACTIVITIES AND P2 SUMMARY SECTION

For each of the processes listed above that generate a waste give the following information: (1) name of process generating waste, (2) name or description of waste generated (e.g. sludge, solvent, ash, used oil, spent lamps, etc.), (3) EPA waste codes, if applicable, (4) quantity generated per month, (5) type of accumulation (container, tank, etc.) (6) waste accumulation location in facility, (7) type of on-site treatment (if used), (8) name of off-site management facility and type of waste management activity occurring there, (9) Current P2 activities, and (10) P2 opportunities.

In 2008, Toxco received and processed approximately 1.1 million pounds of universal waste batteries for metals recovery (retorting) and 35 million pounds of universal waste batteries for other recycling (battery breaking) based on the facility's 2008 Annual Report.

Polycarbonate plastic - This plastic is generated from the battery cases of the lead acid batteries (manual process). The plastic is ground and placed in a 40-yard roll off box located in a truck bay. The PPE is also added into this roll off box. The waste carries D006 and D008 waste codes. The facility generates a roll off box containing plastic and PPE every week. It is sent to EQ Detroit (Michigan Disposal Waste Treatment Plant) for stabilization or chemical fixation prior to disposal at another site (H111).

PPE - The PPE is generated from changing an employee's PPE for a break or at the end of a shift. The PPE is accumulated in the 40-yard roll off box with the polycarbonate plastic. The waste carries a D006 and D008 waste code. It is sent to EQ Detroit. In 2008, Toxco shipped approximately 850,000 pounds of polycarbonate plastic and PPE off site.

Retort wastewater - The retort wastewater is generated from the retort furnaces. The dry cell NiCd batteries contain hydroxide and when they are heated it comes off and is collected in the 2,500 gallon wet scrubber tank. Any plastic in these batteries also goes to the wet scrubber tank. Toxco generates approximately 2,500 gallons of retort wastewater every 90 days. The waste carries a D006 waste code. Due to the level of phenols in this waste, it is sent to Vickery Environmental, Inc. for deepwell or underground injection (H134). In 2008, Toxco generated approximately 13,000 gallons of this waste stream.

Potassium hydroxide - The potassium hydroxide (KOH) is generated from processing the NiCd batteries. The KOH is collected in a 2,500 gallon tank, which is located inside the east side of the alkali battery recycling area. The waste carries D002 and D006 waste codes. Toxco generates 2,500 gallons every two to three weeks. The KOH is sent to Clean Harbors for chemical precipitation with or without pre-treatment (H077). In 2008, Toxco generated approximately 51,000 gallons of this waste stream.

Lead plates - The lead plates are generated from the lead acid batteries (manual process). The lead plates carry a D008 waste code. The lead plates are collected and placed in stacks on a spill collection mat in phase I or II of the storage areas. The lead plates are left on site in stacks for a couple of weeks while they continue to drain. Toxco sends two to three truckloads of lead plates off per day. The lead plates are sold to both domestic and foreign customers to be recycled.

Lead oxide - The lead oxide is generated from the filter cake in the lead acid processing area (manual process). The lead oxide is collected in 55-gallon drums located in the phase I or II of the storage area. The lead oxide carries a D008 waste code. The facility ships two to three shipments of lead oxide per week. This waste stream is also sold to customers to be recycled.

Polypropylene plastic - The polypropylene plastic is generated from the battery cases. The plastic is ground and sold as a product to be used to make buckets. A truckload of plastic is sent by manifest about every other month. The plastic carries a D008 waste code. In 2008, the facility shipped approximately 160,000 pounds of this waste off site for reclamation.

Lead absolyte plates - The lead absolyte plates are generated from the manual breaking process. This waste stream is irregular. The waste carries a D008 waste code. The waste is collected and sent by manifest off site.

Fluorescent bulbs - The fluorescent bulbs are generated when they are changed out. The bulbs are sent to Baltimore, Ohio, to go on to a recycler.

Sulfuric acid effluent - This effluent is generated from the lead acid battery breaking processes. It is neutralized in Toxco's on site wastewater treatment system and then discharged to the City of Lancaster POTW.

Filter cake - Nonhazardous magnesium sulfate filter cake is generated from the wastewater treatment system. It is sent off site for disposal at a solid waste landfill (Republic landfill).

Waste from the Automated Line - Toxco has installed and is now operating the automated battery breaking process for lead acid batteries. Four waste streams are generated from this operation. From the first screw, Toxco generates lead oxide sludge, which is classified as an exempt sludge; it is sent to a smelter. Toxco generates a metallics waste stream from the second screw, which is managed as hazardous waste (D008) and also sent to a smelter. The materials from the first two screws are accumulated in gaylords; about 15-20 gaylords are filled each day. From the third screw, polypropylene plastic is generated and managed as hazardous waste (D008). About 90% of this material is recycled, and Toxco fills about 3 super sacks per day with this plastic. Lastly, Toxco generates plastic lead separators from the automatic line which are managed as hazardous waste (D008) and accumulated in the hazardous waste roll-off box, which is sent to EQ Detroit for disposal. Sulfuric acid effluent is being collected and routed to the facility's wastewater treatment system. Overflow is collected in two less than 90-day accumulation tanks prior to treatment.

Additional P2 remarks and information:

Based on Toxco's May 2009 Waste Minimization Report:

1. In 2005, Toxco installed a new wastewater treatment system, which allows the acid electrolyte to be neutralized, filtered, and discharged to the Publicly Owned Treatment Works (POTW) operated by the City of Lancaster Water Pollution Control Board instead of being shipped off-site as hazardous waste. Magnesium sulfate filter cake media generated from the on-site wastewater treatment system is shipped off-site as a non-hazardous waste to an approved

landfill.

2. Rather than collecting the alkaline solution from the NiCd battery breaking area and shipping it off-site as a corrosive cadmium-containing hazardous waste, Toxco is evaluating a process to co-neutralize alkaline and acid electrolytes, extracting cadmium from the resulting characteristic sludge. The pretreated water will be discharged to the POTW.
3. Toxco is also evaluating processing the wastewater/condensate from retort furnaces and associated air scrubbers installed in 2006. Currently, the wastewater is accumulated as a hazardous waste and shipped off-site. The process will involve pre-filtering the wastewater to remove trace organics, neutralization and precipitation of cadmium to form a characteristic sludge, feeding the sludge through retort furnaces, and discharging resulting processed wastewater to the POTW.
4. In August 2006, Toxco began shipping polypropylene cases to be reclaimed off-site. The facility is currently looking for a direct consumer for the granulated plastics (polycarbonate and propylene), making the waste plastic an excluded recyclable material. The direct consumer will have to be able to process the recyclable plastic directly to make a finished good without first reclaiming it.

GENERAL PERMIT COMPLIANCE AND ACTIVITIES

1.	Has the expiration date of the permit passed? If so:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Is the permittee continuing any activity regulated by the permit after the expiration date of the permit?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
3.	Is the permittee conducting any hazardous waste management activities (not otherwise exempt by law) which are not authorized by the permit? [Conditions A.1(b) and A.5]		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
4.	Have any provisions of the permit been identified as invalid? [Condition A.4]		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
5.	Has the permittee 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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Did the permittee 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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	A.	Name, address and telephone number of the owner/operator?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	B.	Name, address and telephone number of the facility?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	C.	Name and quantity of material(s) involved?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	D.	The extent of injuries, if any?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	E.	An assessment of the actual or potential hazard to the environment and human health outside the facility?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	F.	Estimated quantity and disposition of recovered material that resulted from the incident?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
6.	Did the permittee provide a written report to Ohio EPA's Emergency Response Unit and DHWM within 5 days of becoming aware of the circumstances reported in Questions No. 5? If so, did the report contain: [Condition A.21]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	a.	A description of the noncompliance and its cause (including exact dates and times)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	Whether the noncompliance has been corrected and if not, the anticipated time noncompliance is expected to continue? and	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	Steps taken or planned to minimize the impact on the environment and to reduce, eliminate and prevent recurrence of the noncompliance?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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.22? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Did the permittee report these instances to Ohio EPA, DHWM? [Condition A.22]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b. Do the reports provided contain the information set forth in Condition A.20? [Condition A.20]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c. Has the permittee taken all steps necessary to minimize releases to the environment or prevent any adverse impact on human health or the environment? [Condition A.8]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. If so, has the permittee provided Ohio EPA with advance notice of such changes? [Condition A.17]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Such notification does not waive the permittee's duty to comply with the permit. [Condition A.17]</i>		
9.	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? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Has the permittee properly submitted such facts or corrected information to the appropriate entity? [Condition A.24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
PERMIT MODIFICATION, REVISION, REVOCATION		
10.	Has the permittee filed a request for a permit modification, revision or revocation since permit issuance? [Condition A.2]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
11.	Has the permit, been transferred to a new owner/operator? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Has the transfer been conducted in accordance with ORC Chapter 3734. and the rules adopted thereunder which includes the permittee notifying the new owner in writing of the requirements of ORC Chapter 3734. and the rules adopted thereunder and the applicable Ohio hazardous waste rules before transferring ownership? [Condition A.18]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
12.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
13.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
14.	Has the facility furnished Ohio EPA, upon request, with copies of records required to be kept by the permit? [Condition A.10]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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.14c]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	Is the permittee retaining a complete copy of the approved application on-site? [Condition A.14c]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
17.	Is the permittee planning any physical alterations or additions to any permitted portions of the facility? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Has the permittee given notice to the director of such alterations/additions? [Condition A.15]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Have access to and copy, at reasonable times, any records required to be kept under the conditions of the permit?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Inspect, at any time, facilities, equipment (including control and monitoring equipment), practices or other operations regulated under the conditions of the permit?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
INSPECTION ITEMS FROM PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add questions pertaining to the permittee's application, as appropriate.</i>		
RECORDKEEPING/OPERATING REQUIREMENTS		
OPERATING RECORD		
19.	In accordance with OAC rules 3745-54-73 and 3745-54-74 and Condition B.22 of the permit, does the permittee maintain an Operating Record which contains the following information:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	A description of the quantity of each hazardous waste and the method(s) and date(s) of its treatment or storage?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	The location of each hazardous waste and quantity at each location including cross-reference to specific manifest numbers?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Records and results of required waste analysis?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Summary reports and details of all incidents that required implementation of the contingency plan?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
e.	Records and results of required inspections?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
f.	Documents required to be maintained by LDR requirements of OAC Chapter 3745-270?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
g.	Monitoring, testing, or analytical data, and corrective action where required, from groundwater monitoring and required monitoring of surface impoundments, landfills, waste piles and land treatment units? [3745-54-73(B)(6)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
h.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
DOCUMENTS TO BE MAINTAINED AT FACILITY		
20.	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?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Contingency plan in accordance with OAC rule 3745-54-53?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	c.	Closure plan in accordance with OAC rule 3745-55-12?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 B.36]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	Personnel training plan and records required by OAC rule 3745-54-16(C)? [Condition B.6]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	f.	Inspection schedules developed in accordance with OAC rules 3745-54-15, 3745-55-74 and 3745-55-95? [Condition B.5]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	g.	Operating record in accordance with OAC rule 3745-54-73? [Condition B.22]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	h.	Post-closure plan, as required by OAC rule 3745-55-18(A)? [Condition A.28(a)(viii)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	i.	Annually-adjusted cost estimate for facility closure and post-closure, as required by OAC rules 3745-55-42 and 3745-55-44? [Condition A.28(a)(ix)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
21.		Is the permittee maintaining copies of all inspection logs at the facility for a period of at least 3 years from date of inspection? [Condition B.5]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.		Have any of the documents in Question No. 20 been revised? [Condition A.15] If so:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a.	Has the permittee submitted the revisions to Ohio EPA in accordance with OAC rule 3745-50-51?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Have all requirements of OAC rule 3745-50-51 been met, including, where required, Ohio EPA approval?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
ANNUAL REPORT REQUIREMENT			
23.		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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SAMPLING/MONITORING RECORDKEEPING REQUIREMENTS			
24.		In compliance with Condition A.12(b) 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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	Individual(s) who performed the sampling or measurement?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	Date(s) analyses were performed?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d.	Individual(s) who performed the analyses?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	e.	Analytical technique(s) or method(s) used?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	f.	Results of such analyses?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
25.		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(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
26.		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 3 years from the date of sampling, including:	
	a.	All calibration and maintenance records?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

27.	Has Ohio EPA requested submittal of any reports or other information from the permittee? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Have the submittals been signed and certified according to OAC rule 3745-50-42? [Condition A.13]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

INSPECTION ITEMS FROM THE PART B APPLICATION

NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.

WASTE MINIMIZATION REQUIREMENTS

28.	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(a) of the permit and OAC rule 3745-54-73(B)(9)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
29.	Did the permittee submit the waste minimization report to Ohio EPA, Office of Compliance Assistance & Pollution Prevention and Central District Office within 180 days of journalization of this permit and updates biennially thereafter? [Condition A.29] The next report is due May 2011.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
30.	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? Since Toxco manages and recycles batteries, much of the waste generated from the recycling process is associated entirely with the amount of batteries received at the facility for reclamation. Therefore, waste minimization measures considered for the purposes of the report include operational improvements and administrative measures in the areas of training, emergency preparedness, and standardized practices.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	If so, what amount of waste has the permittee reduced this year?	
31.	Has the permittee's company saved money this year by implementing pollution prevention (reducing raw material usage, disposal fees, energy savings, etc.)? See "Waste Activities and P2 Summary Section" for additional discussion.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 28 through 31 only needs to be collected one time for the calendar year.

GROUND WATER MONITORING

32.	Has the permittee conducted semi-annual sampling of their monitoring wells?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
33.	Have they reported the results in the Annual Report to the director by March 1 st as required by Condition B.25 of the permit?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

INSPECTION ITEMS FROM THE PART B APPLICATION

NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.

WASTE ACCEPTANCE AND GENERATION

34.	Is the permittee storing any containers of hazardous waste received from any off-site source that permittee is not permitted to store? [Condition A.1.]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
35.	Has the permittee arranged to receive hazardous waste from a foreign or off-site source that the permittee is not permitted to store? [Condition A.1.]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
36.	Has the permittee notified the director at least four weeks prior to the date	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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	the permittee expects to receive hazardous waste from a foreign source, as required by OAC rule 3745-54-12(A)? [Condition B.2(b)]	
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		
OFF-SITE SHIPMENTS/MANIFEST REQUIREMENTS		
37.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Prepared manifests have been signed by the permittee and initial transporter in compliance with OAC rule 3745-52-23?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
38.	As a permittee that generates hazardous waste, are signed copies of all hazardous waste manifests and any documentation required for exception reports retained for at least 3 years at the facility as required by OAC rules 3745-52-40 and 3745-54-71(A)(2)(e)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: If the permittee is generating hazardous waste, remember to attach a complete generator checklist.</i>		
39.	Does the permittee use only properly registered transporters when removing hazardous wastes? [Condition A.16]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TRANSPORTERS:		
40.	Does the permittee give one copy of the manifest to the transporter, send one copy to the generator within 30 days, and keep one copy for at least 3 years? [3745-54-71(A)(2)(c)(d)(e)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If shipping papers are used in lieu of manifests (bulk shipments, etc.), are the same requirements met? [3745-54-71(B)(3)(4)(5)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Are any significant discrepancies in the manifest, as defined in OAC rule 3745-54-72(A) noted in writing on the manifest or shipping paper? [3745-54-71(A)(2)(b)] & [3745-54-71(B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
41.	Have any manifest discrepancies been reconciled within 15 days as required by OAC rule 3745-54-72(C)? [Condition B.24(b)] If not:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Has the permittee submitted the required information to the director?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
42.	Has the permittee rejected any hazardous waste load or identified a container residue that exceeds the quantity limits for "empty" containers? [Condition B.24] If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Did the permittee consult with the generator prior to forwarding the rejected waste to an alternate facility? [3745-54-72(D)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Did the permittee send the rejected waste to an alternate facility or returned the rejected waste to the generator within 60 days after the rejection? [3745-54-72(D)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	While the permittee is making arrangements for forwarding rejected waste to another facility, did the permittee ensure that either the delivering transporter retained custody of the waste or did the permittee provide for secure, temporary custody of the waste?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	[3745-54-72(D)(2)]	
d.	Did the permittee prepare a manifest in accordance with OAC rules 3745-54-71(E)(1) through (7) for rejected waste to be sent to an alternate facility? [3745-54-72(E)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
e.	Did the permittee prepare a manifest in accordance with OAC rules 3745-54-72(F)(1) through (7) for rejected waste to be sent back to the generator? [3745-54-72(F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
43.	If the permittee receives hazardous waste imported from a foreign source, has the permittee mailed a copy of the manifest to U.S. EPA within 30 days of a delivery? [3745-54-71(A)(3)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
44.	Does the permittee send a hazardous waste shipment to a consignment state (i.e., the state in which the hazardous waste shipment will be transported and subsequently managed)? If so:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Has the permittee determined whether the consignment state for a shipment regulates any additional wastes (beyond those regulated federally) as hazardous wastes under its state hazardous waste program? [3745-54-71(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Has the permittee determined whether the consignment state requires the permittee to submit any copies of the manifest to the state? [3745-54-71(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
45.	If the permittee 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 OAC rule 3745-54-76(A) been submitted to the director within 15 days?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
WASTE ANALYSIS/WASTE ANALYSIS PLAN		
46.	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(a)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
47.	Does the permittee follow the procedures described in the WAP (Section A.3 of the approved permit application)? [Condition B.3(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
48.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
49.	FOR OFF-SITE FACILITIES: Are the sampling methods and procedures specified in the permittee's WAP that will be used to inspect and, if necessary, analyze each movement of hazardous waste received at the facility to ensure that it matches the identification of the waste on the manifest [3745-54-13(c)]?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
50.	FOR FACILITIES OPERATING SURFACE IMPOUNDMENTS EXEMPT FROM LAND DISPOSAL RESTRICTIONS UNDER OAC rule 3745-270-04(A):	
Does the waste analysis plan include procedures and schedules for:		
i.	The sampling of impoundment contents? [3745-54-13(B)(7)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
ii.	The analysis of test data? [3745-65-13(B)(7)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
iii.	The annual removal of residues which are not delisted or which exhibit the characteristic of a hazardous waste and either do not meet treatment standards (OAC rules 3745-270-40 to 3745-270-49) or where no treatment standards have been established? [3745-54-13(B)(7)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
51.	Where applicable: The methods which will be used to meet additional	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	waste analysis requirements for specific waste management methods specified in OAC rules 3745-54-17, 3745-57-14, 3745-57-41 and 3745-270-07 of the OAC? [3745-54-13(B)(6)]	
52.	Does the permittee place the results of all waste analyses in the facility operating record in accordance with OAC rule 3745-54-73?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		
GENERAL INSPECTION REQUIREMENTS		
<i>NOTE: Inspector may attach a copy of the inspection procedures and schedules. If so, the attached document is referenced as Appendix _____.</i>		
53.	Is the permittee following the inspection procedures and schedules as set forth in the permit (Section A.5 of the approved permit application) and the requirements of OAC rules 3745-54-15(A),(C) and (D)? [Condition B.5]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
54.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the schedule kept at the facility? [3745-54-15(B)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
55.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
56.	In accordance with OAC rule 3745-54-15(D) and Condition B.5 of the permit, do inspection records contain the following information:	
a.	Date and time of inspection?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Name of inspector?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Notation of observations made?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Date and nature of any repairs or other remedial actions?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		
SECURITY REQUIREMENTS		
57.	Is the permittee complying with the following security provisions of OAC rule 3745-54-14 and Condition B.4 of the permit: [Section A.4 of the approved 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	An artificial or natural barrier (in good repair) which completely surrounds the active portion of the facility?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	A means to control entry, at all times, through gates or other entrances, to the active portion of the facility?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
58.	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 _____?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

FACILITY OPERATIONS		
59.	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? [3745-54-31 and Condition B.1]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
60.	Does the permittee properly maintain and operate the facility to achieve compliance with the terms and conditions of the permit including: [Condition A.9]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Effective management practices?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Adequate funding?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Adequate operator staffing and training?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Adequate laboratory and process controls?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		
PERSONNEL TRAINING		
61.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Does the permittee provide personnel training which includes instruction in safe equipment operation and emergency procedures and implementation of the contingency plan? [3745-54-16(A)(B)(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Does the permittee provide personnel training to new employees within six months after their date of employment as required by OAC rule 3745-54-16(B)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Does the permittee provide an annual refresher training course as required by OAC rule 3745-54-16(C)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
62.	Is the permittee maintaining personnel training records as required by OAC rule 3745-54-16(D) and the approved permit application, including: written job titles, job descriptions and documented employee training records? [Condition B.6]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		
REQUIRED EQUIPMENT		
<i>NOTE: Inspector may attach a list of emergency equipment. If so, the attachment document is referenced as Appendix</i>		
63.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	A device such as a telephone which is capable of summoning emergency assistance from local emergency authorities?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Portable fire extinguishers and/or fire control equipment, spill control and decontamination equipment?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Water in adequate volume and pressure to supply water hose	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	streams, foam producing equipment, automatic sprinklers or water spray systems?	
64.	Is the permittee inspecting, testing and maintaining the equipment specified in Question No. 63 to ensure its proper operating in accordance with OAC rule 3745-54-33 and Condition B.10 of the permit?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
65.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		
CONTINGENCY PLAN - EMERGENCY PROCEDURES		
66.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Inform such agencies of safety equipment, supplies, proper emergency safety procedures that are applicable to the facility?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
67.	Has a state or local agency declined to enter into the arrangements set forth in OAC rule 3745-54-37(A)? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Has the permittee documented the refusal in the operating record as required by OAC rule 3745-54-37(B)? [Condition B.13(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
68.	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(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
69.	Has the permittee notified all parties identified in the contingency plan in writing of amendments, modifications, or revisions to the plan within 10 days of the effective date of the change in the plan? [Condition B.18(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
70.	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(c)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
71.	Is the permittee reviewing the approved contingency plan at least annually and amending the plan immediately if needed in compliance with OAC rule 3745-54-54? [Condition B.17]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: Also see Question 22 to verify that any changes to the contingency plan were submitted in accordance with OAC rule 3745-50-51.</i>		
EMERGENCY COORDINATOR		
72.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
73.	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:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Contingency plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Facility operations/activities?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	c.	Waste characterization and location?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Location of all records in the facility?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	Facility layout?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
74.		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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
75.		Does the permittee have a contingency plan for the facility that: [Condition B.19]	
	a.	Describes the actions the 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Includes a list of all emergency equipment, including fire extinguishing systems, spill control equipment, communications and alarm systems and decontamination equipment?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	Includes the location and a physical description of each item on the list referenced in Question No. 75(d), and a brief outline of its capabilities?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
IMPLEMENTATION OF CONTINGENCY PLAN			
76.		Has there been a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment since the date of the last inspection? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Example scenarios that could be threats to human health or the environment are provided in a DHWM guidance document on "Contingency Plan Implementation and Incident Reporting Under Ohio Hazardous Waste Rules" at: http://epa.ohio.gov/portals/32/pdf/Contingency_Plan_and_Incident_Reporting.pdf . Facility specific scenarios are included in the permittee's contingency plan.			
	a.	Did the permittee immediately implement the approved contingency plan and follow the emergency procedures described in OAC rule 3745-54-56? [Conditions B.14 and B.20]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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: [3745-54-56(D)(2)]	
	i.	Name and telephone number of the reporter?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	ii.	Name and address of the facility?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iii.	Time and type of incident?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	iv.	Name and quantity of materials involved?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	v.	The extent of injuries?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	vi.	The possible hazards to human health or the environment outside the facility?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d.	Within 15 days of the incident did the permittee submit to the director a written report of the incident? If so:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	i.	Did the report contain the elements set forth in OAC rule 3745-54-56(J)? [Condition B.23]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION			
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>			
CLOSURE REQUIREMENTS			
77.	Does the permittee maintain the approved closure plan at the facility? [Condition B.29]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
78.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
79.	Has the permittee amended the closure plan? If so:		
	a.	Has the plan been amended in accordance with OAC rule 3745-55-18(D)? [Condition B.28]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Also see Question 22 to verify that any changes to the closure plan were submitted in accordance with OAC rule 3745-50-51.</i>			
80.	Has the permittee closed the facility? If so:		
	a.	Did the permittee complete closure of the facility 180 days after receiving the final volume of hazardous waste? [Condition B.31]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	Was closure conducted in accordance with the closure performance standard of OAC rule 3745-55-11? [Condition B.26]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	Did the permittee carry out the approved closure plan as set found in Section _____ of the approved permit application? [Condition B.27]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d.	After receiving the final volume of hazardous waste, did the permittee remove 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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
POST-CLOSURE MAINTENANCE			
<i>NOTE: Inspector may attach a post-closure maintenance inspection schedule. If so, the attached document is referenced as Appendix _____.</i>			
	81.	Has the permittee inspected the components, structures, and equipment at the site in accordance with the inspection schedule in Section ____ of the approved permit application on a quarterly basis? [OAC rule 3745-55-17(A)(1)(b)] [Condition B.35]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	82.	Has the permittee conducted and recorded an inspection of at least the following? [Condition B.35]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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.	
	83.	Is the permittee using the inspection forms found in the approved Part B permit application? [Section ____ of the approved permit application]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	84.	Have suitable repairs been made within a reasonable amount of time? [Condition B.35]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	85.	Have repairs been indicated on the Notification Repair Form? [Condition B.35]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	86.	Was the Notification of Repair Form submitted to Ohio EPA within one week after determining that repairs are necessary? [Condition B.35]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION			
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>			
STORAGE OF HAZARDOUS WASTES IN CONTAINERS			
<i>NOTE: The requirements of Condition C 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.</i>			
CONDITION OF CONTAINERS			
	87.	Are containers holding hazardous wastes in good condition as required by OAC 3745-55-71? [Condition C.4] If not:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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.4]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

88.	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.5]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
89.	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.6(a)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CONTAINERS - INSPECTIONS		
<i>NOTE: Inspector may attach a container inspection checklist. If so, the attached document is referenced as Appendix</i>		
90.	Is the permittee inspecting the container area weekly in accordance with OAC rule 3745-55-74 and the approved inspection schedule in Section A.5 of the approved permit application to detect leaking containers and deterioration of containers and the containment system? [Condition C.9]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
STORAGE OF HAZARDOUS WASTE IN TANK SYSTEMS – This section is not applicable because there are not any permitted tanks at the facility. All of the tanks at the facility are less than 90-day generator tanks. See LQG tank checklist.		
TANK SYSTEMS - CONDITIONS		
91.	Is each tank clearly labeled/marked with the words "Hazardous Waste?" as required by OAC rule 3745-52-34(A)(3)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
92.	In accordance with OAC rule 3745-55-94 and Condition D.5 of the permit, does the permittee follow the general operating requirements below:	
a.	Does the permittee prevent placement of hazardous waste or treatment reagents in tank or secondary containment if such placement can cause the system to leak, rupture, corrode, or otherwise fail?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Does the permittee use appropriate controls to prevent spills or overflows from the system (e.g., check valves, dry disconnect couplings, high level alarms, etc.)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	If a leak or spill has occurred in the tank system, has the permittee complied with OAC rule 3745-55-96?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS - INSPECTIONS		
93.	In accordance with OAC rule 3745-55-95(A) and Condition D.6(b) of the permit, does the permittee develop and follow a schedule and procedure for inspecting overfill controls?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
94.	Has the permittee documented the inspections required in OAC rule 3745-55-95, in the operating record, including inspection of the following: [Condition D.6(c)]	
a.	Above ground portion of tank each operating day?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Data from leak detection equipment each operating day?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Construction materials and area immediately surrounding the tanks for signs of erosion or release of hazardous waste each operating day?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: "Each operating day" is each day that the tank system is being used to manage (store or treat) hazardous waste.</i>		
95.	Where applicable, does the permittee inspect the cathodic protection system to confirm proper operation within six months of initial installation	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	and annually thereafter, as required by OAC rule 3745-55-95(C)(1)? [Condition D.6(d)(i)]	
96.	Where applicable, does the permittee inspect all sources of impressed current at least bi-monthly as required by OAC rule 3745-55-95(C)(2)? [Condition D.6(d)(ii)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS – CLOSURE REQUIREMENTS		
97.	If the permittee has closed a tank, was closure completed in accordance with OAC rule 3745-55-97? [Condition D.9]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS – STORING IGNITABLE OR REACTIVE WASTES		
98.	For tanks used to treat or store ignitable or reactive wastes, has the permittee complied with one of the following in accordance with OAC rule 3745-55-98(A)? [Condition D.10(a)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Is the waste treated before or immediately after placement in the tank so that the resultant mixture is no longer ignitable or reactive and the permittee has conducted such activities in compliance with OAC rule 3745-54-17(B)?; or	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Is the waste stored or treated to protect it from materials or conditions which may cause ignition or reaction?; or	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c. Is the tank used solely for emergencies?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
99.	If ignitable or reactive waste is stored or treated, are protective distances maintained between waste management areas and any public streets, alleys or adjoining property lines as required by the NFPA Flammable and Combustible Liquids Code (1996)? [Condition D.10(b)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
100.	In accordance with OAC rules 3745-55-99(A), (B) and Condition D.11 of the permit, has the permittee placed incompatible wastes or materials into the same tank system, or into a tank system that has not been decontaminated and which previously held an incompatible waste or material?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. If so, have the requirements of OAC rule 3745-54-17(B) been met?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS – WRITTEN ASSESSMENT REQUIREMENTS		
101.	In accordance with OAC rule 3745-55-92(A) and Condition D.3 of the permit, has the permittee obtained and submitted a written assessment attesting that the design, installation and structural integrity of the system is adequate for the management of hazardous waste(s)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: You should review the file to see if the written assessment has been previously reviewed and what the results were.</i>		
	Does the written assessment include the following items:	
	a. Certification by an independent registered, professional engineer?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	b. Consideration of the design standards of the system?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	c. Consideration of the hazardous characteristics of the waste(s)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d. An evaluation by a corrosion expert (only if the external system/components are metal and in contact with soil or water)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	e. A determination of design and operational measures that will be needed to protect the tank system from potential damage (only for underground tank components)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

	f.	Design considerations to ensure that the tank foundations will maintain the load of a full tank?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	g.	Design considerations for anchoring the unit to prevent floatation (only for tanks situated in a seismic fault zone or saturated zone)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	h.	Design considerations to ensure that the tank system will withstand the effects of frost heave (only for underground tank systems)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: CO-DHWM Engineering staff are available to assist you with evaluation of the written assessment.			
102.	In accordance with OAC rule 3745-55-92(G) and Condition D.3(b) of the permit, are there written statements by those persons who supervised installation or certified design of the new tank system, that the tank system was properly installed and designed and that required repairs were performed?		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Do the written statements address all of the following:			
	a.	Inspection for damage and/or inadequate construction and installation was conducted?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Statement that deficiencies were corrected before the tank system was covered or put into use?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Proper backfilling?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Tightness test; if the tank system was found not to be tight, does the statement indicate that proper repairs were made?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	Proper support and protection of ancillary equipment?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	f.	Supervision of the installation of field fabricated corrosion protection?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS – SECONDARY CONTAINMENT			
103.	Has secondary containment been provided as required by OAC rule 3745-55-93(A)? [Condition D.4]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: All tank systems must have secondary containment at this point, except for tank systems that store/treat materials that become hazardous waste after January 12, 1987, which must have secondary containment required within the time intervals in OAC rules 3745-55-93(A)(1) to (A)(4). The date the material became a hazardous waste must be used in place of January 12, 1987 [3745-55-93(A)(5)].			
104.	Has secondary containment been provided?		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a.	An external liner as described in OAC rule 3745-55-93(E)(1)? If so,	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	i.	Is liner designed or operated to contain 100% of the capacity of the largest tank?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	Is liner designed and operated to prevent run-on and infiltration or the collection system has excess capacity to contain run-on and infiltration from a 25-year, 24-hour storm?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iii.	Is liner free of cracks and gaps?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iv.	Does liner completely surround the tank and cover all earth likely to be contacted by waste during a release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	v.	Are chemically resistant water stops in place at all points? (concrete liners only)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	vi.	Is there a compatible interior coating or lining to prevent migration of waste into the concrete? (concrete liners only)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Vault system as described in OAC rule 3745-55-93(E)(2)? If so,	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	i.	Is vault system designed to contain 100% of the capacity of the largest tank?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	Is liner designed and operated to prevent run-on and infiltration or the collection system has <u>excess</u> capacity to contain run-on and infiltration from a 25-year, 24-hour storm?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iii.	Are chemically resistant water stops in place at all points?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iv.	Is there a compatible interior coating to prevent migration into the concrete?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	v.	For ignitable or reactive waste : Is the vault system provided with means to prevent (or alternatively "protect against") the formation or ignition of vapors?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	vi.	Is vault system provided with an exterior moisture barrier?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Double-walled tank as described in OAC rule 3745-55-93(E)(3)? If so,	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	i.	Is double-walled tank designed as an integral structure to contain any release from the inner tank?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	If metal, are the primary tank interior and outer shell exterior surfaces protected from corrosion?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iii.	Is double-walled tank provided with a continuous leak detection system able to detect a release within 24 hours or at the earliest practicable time?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	An equivalent device as described in OAC rule 3745-55-93(D)(4) which has been approved by the director?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS – SECONDARY CONTAINMENT DESIGN/OPERATION/INSTALLATION			
105.		In accordance with OAC rules 3745-55-93(B)(1), (2) and Condition D.4 of the permit, has each secondary containment system been designed, installed and operated to prevent any migration of wastes or liquid to the soil, groundwater, or surface water and is it capable of <u>detecting</u> and <u>collecting</u> releases and accumulated liquids?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
106.		Does the secondary containment system meet the following minimum requirements of OAC rule 3745-55-93(C)?: [Condition D.4]	
	a.	Constructed or lined with compatible materials of sufficient strength to prevent failure?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Placed on a foundation or base capable of providing support?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Provided with a leak detection system designed/operated to detect failure to primary or secondary containment or any release of hazardous waste within 24 hours or at earliest practicable time?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Sloped or designed to drain and remove liquid resulting from leaks, spills or precipitation?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	Any liquid which accumulates in the containment unit resulting from spills, leaks or precipitation removed within 24 hours or in a timely manner?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS – ANCILLARY EQUIPMENT REQUIREMENTS			
107.		In accordance with OAC rule 3745-55-93(F) and Condition D.4 of the permit, is ancillary equipment provided with secondary containment (such as double-walled piping, jacketing or a trench)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		If not, is the ancillary equipment one of the following:	

	a.	Above ground piping (exclusive of flanges, joints, valves and connections) that is inspected daily?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Welded flanges, welded joints and/or welded connections that is inspected daily?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Sealless or magnetic coupling pumps and/or sealless valves?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Pressurized above ground piping systems with automatic shut-off devices (e.g., excess flow check valves, flow metering shutdown and/or loss of pressure-actuated shut-off devices) that is inspected daily?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEMS – TANK SYSTEMS FOUND TO BE LEAKING OR UNFIT FOR USE			
108.	Has there been a leak or spill from any tank system or has any tank system been found unfit for use? If so, did the permittee take the following actions as required by OAC rules 3745-55-96(A) through (E)? [Conditions D.7(a), D.8(a) and (b)]:		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: If the tank is found to be unfit for use, inspector should explain why.</i>			
	a.	Immediately cease flow of material into tank and investigate the cause of the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Remove waste from tank system to prevent further release within 24 hours of detection or earliest practicable time?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Remove all material released into secondary containment system within 24 hours or as timely as possible to prevent harm to human health and the environment?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	For a visible release to the environment, immediately conduct a visual inspection of the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	For a visible release to the environment, prevent further migration of the leak or spill to soils or surface waters?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	f.	For a visible release to the environment, properly dispose of any visibly contaminated soil or surface water?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	g.	Report any release to the environment to the director within 24 hours unless it was less than one pound and was cleaned up immediately?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	h.	For a release to the environment, submit a written report of the incident to the director within 30 days of the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	i.	Remediate the spill and repair the unit prior to returning it to service?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	j.	For a release from a tank system without secondary containment, did the permittee provide secondary containment meeting the requirements of OAC rule 3745-55-93 for the unit prior to putting it back into service?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: The requirements noted in 108.j do not apply if the release was from an above ground component of the tank which can be inspected visually after being put back into service.</i>			
109.	In the event that the repairs to the tank system were major (e.g., replacement of liner, repair of ruptured primary or secondary containment structure), did the permittee obtain a certification from an independent, registered P.E. attesting that the repaired unit is capable of handling hazardous waste, as required by OAC rule 3745-55-96(F)? [Condition D.7(c)]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
110.	Was a copy of the certification submitted to the director within seven days after returning the system to use, as required by OAC rule 3745-55-96(F)? [Condition D.7(c)]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
111.	If the permittee was unable to repair and return the unit to service as described in Questions 108.i and 108.j, was the tank system closed in accordance with OAC rule 3745-55-97?		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

112.	Does the permittee have a tank system with a variance from secondary containment from which a release has occurred but <u>has not</u> migrated beyond the zone of engineering control? If so, did the permittee take following actions as required by OAC rule 3745-55-93(G)(3)? [Condition D.7(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Has the permittee complied with OAC rules 3745-55-96(A) through (F) and decontaminated soils?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	If soils cannot be decontaminated/removed, has the permittee complied with OAC rule 3745-55-97(B)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
113.	Does the permittee have a tank system with a variance from secondary containment from which a release occurred and <u>has</u> migrated from the zone of engineering control? If so, did the permittee take following actions as required by OAC rule 3745-55-93(G)(4)? [Condition D.7(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Has the permittee complied with OAC rules 3745-55-96(A) through (D), prevented migration, and decontaminated soil?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	If soils cannot be decontaminated/removed, or if the groundwater has been contaminated, has the permittee complied with OAC rule 3745-55-97(B)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

CONTAINMENT SYSTEM

114.	Does the permittee maintain the containment system as described in Section A.1.b of the approved permit application, including: [Condition C.7]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Sufficient capacity to hold 10% of the total volume of containers or the volume of the largest container, whichever is greater?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	A system which is free of gaps and sufficiently impervious to contain leaks and spills?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
115.	Has the permittee had a spill or leak of wastes? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Was spilled or leaked waste removed in a timely manner? [Condition C.7(e)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: This time period is not to exceed 24 hours. [Condition C.7(e)]

AISLE SPACE

116.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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INSPECTION ITEMS FROM THE PART B APPLICATION

NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.

LAND DISPOSAL RESTRICTION REQUIREMENTS

NOTE: In order to determine compliance with all applicable LDR requirements the inspector may need to complete the separate LDR TSD checklist:

117.	Does the permittee comply with all applicable regulations regarding land disposal prohibitions and restrictions as required by OAC Chapter 3745-270?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
118.	Does the permittee comply with the notification and certification requirements of OAC rule 3745-270-07(A)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
119.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
120.	Does the permittee retain supporting data used to determine if wastes	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	managed at the facility are restricted from land disposal in the facility files as required by OAC rule 3745-270-07(A)(5)?	
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 3 years as required by OAC rule 3745-270-07(A)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
121.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		
CORRECTIVE ACTION		
122.	Has the permittee submitted the monthly progress report for all corrective action activities? (This report is due by the 15 th of the month following the reporting period.) [Condition _____]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
123.	Has the permittee identified any new WMUs or releases at the facility? [Condition E.10]? If so:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Did the permittee follow the steps indicated in Conditions E.10(a), (b) and E.11?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
INSPECTION ITEMS FROM THE PART B APPLICATION		
<i>NOTE: The inspector or permit writer may add inspection items based on the permittee's application, as appropriate.</i>		

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

CESQG: ≤ 100 Kg. (Approximately 25-30 gallons) of waste in a calendar month or ≤ 1 Kg. of acutely hazardous waste.
 SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.
 LQG: $\geq 1,000$ Kg. (~300 gallons) of waste in a calendar month or > 1 Kg. of acutely hazardous waste in a calendar month.
 NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.

Safety Equipment Used:

GENERAL REQUIREMENTS

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
2.	Are records of waste determination being kept for at least 3 years? [3745-52-40(C)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
3.	Has the generator obtained a U.S. EPA identification number? [3745-52-12]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
4.	Were annual reports filed with Ohio EPA on or before March 1 st ? [3745-52-41(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
5.	Are annual reports kept on file for at least 3 years? [3745-52-40(B)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
8.	Does the generator accumulate hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

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

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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
a.	Has the generator notified U.S. EPA of export activity? [3745-52-53(A)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
b.	Has the generator complied with special manifest requirements? [3745-52-54]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
c.	For manifests that have not been returned to the generator: has an exception report been filed? [3745-52-55]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
d.	Has an annual report been submitted to U.S. EPA? [3745-52-56]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

e.	Are export related documents being maintained on-site? [3745-52-57(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
13.	Have items (1) through (20) of each manifest been completed? [3745-52-20(A)(1)]&[3745-52-27(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>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)(1)]</i>		
14.	Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>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)].</i>		
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
16.	Have the manifests been signed by the generator and initial transporter? [3745-52-23(A)(1)&(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
17.	If the generator received a rejected load or residue and accumulated the waste on-site, did the generator sign item 18c or 20 of the manifest? [3745-52-34(M)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>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.</i>		
18.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Are signed copies of all manifests and any exception reports being retained for at least three years? [3745-52-40]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>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.</i>		
PERSONNEL TRAINING		
21.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
23.	Is the personnel training program directed by a person trained in hazardous waste management procedures? [3745-65-16(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
24.	Do new employees receive training within six months after the date of hire (or assignment to a new position)? [3745-65-16(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
25.	Does the generator provide annual refresher training to employees? [3745-65-16(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

26.	Does the generator keep records and documentation of:		
	a.	Job titles? [3745-65-16D(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Job descriptions? [3745-65-16D(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Type and amount of training given to each person? [3745-65-16D(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Completed training or job experience required? [3745-65-16D(4)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
27.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>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.</i></p>			
Job Performed		Name of Employee	Date Trained
<p>CONTINGENCY PLAN</p>			
28.	Does the owner/operator have a contingency plan to minimize hazards to human health or the environment from fires, explosions or any unplanned release of hazardous waste? [3745-65-51(A)]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
29.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Arrangements with emergency authorities? [3745-65-52(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	A list of all emergency equipment, including: location, a physical description and brief outline of capabilities? [3745-65-52(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	e.	An evacuation plan for facility personnel where there is possibility that evacuation may be necessary? [3745-65-52(F)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>NOTE: If the facility already has a "Spill Prevention, Control and Countermeasures 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)]</i></p>			
30.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
31.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
32.	Is an emergency coordinator available at all times (on-site or on-call)? [3745-65-55]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>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.</i></p>			
<p>EMERGENCY PROCEDURES</p>			
33.	Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents since the last inspection? If so:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

	a.	Was the contingency plan implemented? [3745-65-51(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	Did the facility follow the emergency procedures in 3745-65-56(A) through (H)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	Did the facility submit a report to the Director within 15 days of the incident as required by 3745-65-56(J)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p><i>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.</i></p>			
PREPAREDNESS AND PREVENTION			
34.		Is the facility operated to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste? [3745-65-31]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
35.		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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Emergency communication device? [3745-65-32(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Portable fire control, spill control and decon equipment? [3745-65-32(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>NOTE: Verify that the equipment is listed in the contingency plan.</i></p>			
36.		Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
37.		Are emergency equipment tests (inspections) recorded in a log or summary? [3745-65-33]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
38.		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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
39.		If there is only one employee on the premises, is there immediate access to a device (eg., phone, hand held two-way radio) capable of summoning external emergency assistance (unless not required under 3745-65-32)? [3745-65-34(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
40.		Is adequate aisle space provided for unobstructed movement of emergency or spill control equipment? [3745-65-35]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
41.		Has the generator attempted to familiarize emergency authorities with possible hazards and facility layouts? [3745-65-37(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
42.		Where authorities have declined to enter into arrangements or agreements, has the generator documented such a refusal? [3745-65-37(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
SATELLITE ACCUMULATION AREA REQUIREMENTS			
43.		Does the generator ensure that satellite accumulation area(s):	
	a.	Are at or near a point of generation? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

e.	Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
f.	Containers are marked with words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
44.	Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>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.</i></p>		
<p>USE AND MANAGEMENT OF CONTAINERS IN <90 DAY ACCUMULATION AREAS</p>		
45.	Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
46.	Is the accumulation date on each container? [3745-52-34(A)(2)] At the time of the inspection, the 40-yard hazardous waste roll off box was not marked with an accumulation start date. During the inspection, Toxco marked the box with the correct accumulation start date.	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
47.	Are hazardous wastes stored in containers which are:	
a.	Closed (except when adding/removing wastes)? [3745-66-73(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	In good condition? [3745-66-71]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Compatible with wastes stored in them? [3745-66-72]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Handled in a manner which prevents rupture/leakage? [3745-66-73(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>NOTE: Record location on process summary sheets, photograph the area, and record on facility map.</i></p>		
48.	Is the container accumulation areas(s) inspected weekly? [3745-66-74] Per ORC§1.44(A) "Week" means 7 consecutive days.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Are inspections recorded in a log or summary? [3745-66-74]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
49.	Are containers of ignitable or reactive wastes located at least 50 feet (15 meters) from the facility's property line? [3745-66-76]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
50.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
51.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
52.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p><i>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.</i></p>		
53.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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

54.	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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
55.	Does each container ≤119 gallons have a completed hazardous waste label? [3745-52-32(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
56.	Before off-site transportation, does the generator placard or offer the appropriate DOT placards to the initial transporter? [3745-52-33]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

LQG TANK SYSTEM REQUIREMENTS (OAC rule 3745-52-34(A) and OAC rules 3745-66-90 through 3745-66-100)		
(Please refer to the rules before or while completing this checklist.)		
1.	Is each tank clearly labeled/marked with the words "Hazardous Waste?" [3745-52-34(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TANK SYSTEM – GENERAL OPERATING REQUIREMENTS		
2.	Does the o/o follow the general operating requirements below:	
a.	Does the o/o prevent placement of hazardous waste or treatment reagents in tank or secondary containment if such placement can cause the system to leak, rupture, corrode, or otherwise fail? [3745-66-94(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Does the o/o use appropriate controls to prevent spills or overflows from the system (e.g., check valves, dry disconnect couplings, high level alarms, etc.)? [3745-66-94(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	If a leak or spill has occurred in the tank system, has the o/o complied with 3745-66-96? [3745-66-94(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
TANK SYSTEM – INSPECTION REQUIREMENTS		
3.	Has the o/o documented the inspections required in 3745-66-95, in the operating record, including inspection of the following:	
a.	Spill control equipment each operating day? [3745-66-95(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Above ground portion of tank each operating day? [3745-66-95(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Data from leak detection equipment each operating day? [3745-66-95(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Construction materials and area immediately surrounding the tanks for signs of erosion or release of hazardous waste each operating day? [3745-66-95(A)(4)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: "Each operating day" is each day that the tank system is being used to manage (store or treat) hazardous waste.</i>		
4.	Where applicable, the cathodic protection system to confirm proper operation within six months of initial installation and annually thereafter? [3745-66-95(B)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
5.	Where applicable, all sources of impressed current at least bi-monthly? [3745-66-95(B)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
TANK SYSTEM CLOSURE REQUIREMENTS		
6.	If the generator has closed a <90 day tank, was closure completed in accordance with OAC 3745-66-97 (except for paragraph C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
TANK SYSTEMS STORING IGNITABLE OR REACTIVE WASTES		
7.	For tanks used to treat or store ignitable or reactive wastes, has the o/o complied with one of the following: [3745-66-98(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Is the waste treated immediately after placement in the tank so that the resultant mixture is no longer ignitable or reactive and the o/o has conducted such activities in compliance with 3745-66-17(B)? [3745-66-98(A)]; or	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is the waste stored or treated to protect it from materials or conditions which may cause ignition or reaction? [3745-66-98(A)]; or	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	The tank is used solely for emergencies? [3745-66-98(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
8.	If ignitable or reactive waste is stored or treated, are protective distances maintained between waste management areas and any public streets, alleys or adjoining property lines as required by the NFPA Flammable and Combustible Liquids Code (1996)? [3745-66-98(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
9.	Has the o/o placed incompatible wastes or materials into the same tank system, or into a tank system that has not been decontaminated and which	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	previously held an incompatible waste or material? [3745-66-99(A) and/or (B)]	
a.	If so, have the requirements of 3745-65-17(B) been met? [3745-66-99(A) and/or (B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
TANK SYSTEM – WASTE ANALYSIS REQUIREMENTS		
10.	In addition to conducting the waste analysis required by 3745-65-13, when the tank system is used to store or treat a waste which is substantially different or uses a substantially different process than previously used, has the o/o done one of the following: [3745-66-100]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Conducted waste analysis and trial treatment or storage tests? [3745-66-100(A)]; OR	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Obtained written documentation on similar waste under similar operating conditions to show that the proposed storage/treatment will meet the requirements of OAC 3745-66-94? [3745-66-100(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
TANK SYSTEMS REQUIREMENTS		
11.	Is there a written assessment attesting that the design, installation and structural integrity of the system is adequate for the management of hazardous waste(s)? [3745-66-92(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>NOTE: You should review the file to see if the written assessment has been previously reviewed and what the results were.</i>		
12.	Does the written assessment include the following: [3745-66-92(A)]	
a.	Certification by an independent registered, professional engineer? [3745-66-92(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Consideration of the design standards of the system? [3745-66-92(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Consideration of the hazardous characteristics of the waste(s)? [3745-66-92(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	An evaluation by a corrosion expert (only if the external system/components are metal and in contact with soil or water)? [3745-66-92(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
e.	A determination of design and operational measures that will be needed to protect the tank system from potential damage (only for underground tank components)? [3745-66-92(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
f.	Design considerations to ensure that the tank foundations will maintain the load of a full tank? [3745-66-92(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
g.	Design considerations for anchoring the unit to prevent floatation (only for tanks situated in a seismic fault zone or saturated zone)? [3745-66-92(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
h.	Design considerations to ensure that the tank system will withstand the effects of frost heave (only for underground tank systems)? [3745-66-92(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: CO-DHWM Engineering staff are available to assist you with evaluation of the written assessment.</i>		
13.	Are there written statements by those persons who supervised installation or certified design of the new tank system, that the tank system was properly installed and designed and that required repairs were performed? [3745-66-92(G)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Do the written statements address all of the following:		
a.	Inspection for damage and/or inadequate construction and installation was conducted? [3745-66-92(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Statement that deficiencies were corrected before the tank system was covered or put into use? [3745-66-92(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Proper backfilling? [3745-66-92(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
d.	Tightness test; if the tank system was found not to be tight, does the	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

		statement indicate that proper repairs were made? [3745-66-92(D)]	
	e.	Proper support and protection of ancillary equipment? [3745-66-92(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	f.	Supervision of the installation of field fabricated corrosion protection? [3745-66-92(F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
SECONDARY CONTAINMENT			
14.		Has secondary containment been provided?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p><i>NOTE: All tank systems must have secondary containment at this point, except for tank systems that store/treat materials that become hazardous waste after January 12, 1987, must have secondary containment required within the time intervals in 3745-66-92(A)(1) to (A)(4). The date the material became a hazardous waste must be used in place of January 12, 1987. [3745-66-92(A)(5)]</i></p>			
15.		Is secondary containment one of the following:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a.	An External Liner ? [3745-66-93(E)(1)] If so,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	i.	Is liner designed or operated to contain 100% of the capacity of the largest tank?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	ii.	Is liner designed and operated to prevent run-on and infiltration or the collection system has <u>excess</u> capacity to contain run-on and infiltration from a 25-year, 24-hour storm?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iii.	Is liner free of cracks and gaps?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iv.	Does liner completely surround the tank and cover all earth likely to be contacted by waste during a release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	v.	Are chemically resistant water stops in place at all points? (concrete liners only)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	vi.	Is there a compatible interior coating or lining to prevent migration of waste into the concrete? (concrete liners only)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	Vault System ? [3745-66-93(E)(2)] If so,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	i.	Is vault system designed to contain 100% of the capacity in the largest tank?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	ii.	Is liner designed and operated to prevent run-on and infiltration or the collection system has <u>excess</u> capacity to contain run-on and infiltration from a 25-year, 24-hour storm?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iii.	Are chemically resistant water stops in place at all points?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iv.	Is there a compatible interior coating to prevent migration into the concrete?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	v.	For ignitable or reactive waste : Is the vault system provided with means to prevent (or alternatively "protect against") the formation or ignition of vapors?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	vi.	Is vault system provided with an exterior moisture barrier?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	Double-Walled Tank ? [3745-66-93(E)(3)] If so,	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	i.	Is double-walled tank designed as an integral structure to contain any release from the inner tank?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	If metal , are the primary tank interior and outer shell exterior surfaces protected from corrosion?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iii.	Is double-walled tank provided with a continuous leak detection system able to detect a release within 24 hours or at the earliest practicable time?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	d.	An Equivalent Device? As described in 3745-66-93(D)(4) which has been approved by the director? [3745-66-93(D&E)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
SECONDARY CONTAINMENT DESIGN/OPERATION/INSTALLATION						
16.	Has each secondary containment system been designed, installed and operated to prevent any migration of wastes or liquid to the soil, groundwater, or surface water and is it capable of detecting and collecting releases and accumulated liquids? [3745-66-93(B)(1) and (2)]		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
17.	Does the secondary containment system meet the following minimum requirements of [3745-66-93(C)]:					
	a.	Constructed or lined with compatible materials of sufficient strength to prevent failure? [3745-66-93(C)(2)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	b.	Placed on a foundation or base capable of providing support? [3745-66-93(C)(2)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	c.	Provided with a leak detection system designed/operated to detect failure to primary or secondary containment or any release of hazardous waste within 24 hours or at earliest practicable time? [3745-66-93(C)(3)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	d.	Sloped or designed to drain and remove liquid resulting from leaks, spills or precipitation? [3745-66-93(C)(4)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	e.	Any liquid which accumulates in the containment unit resulting from spills, leaks or precipitation removed within 24 hours or in a timely manner? [3745-66-93(C)(4)]	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
ANCILLARY EQUIPMENT REQUIREMENTS						
18.	Is ancillary equipment provided with secondary containment (such as double-walled piping, jacketing or a trench)?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	If not, is the ancillary equipment one of the following: [3745-66-93(F)]					
	a.	Above ground piping (exclusive of flanges, joints, valves and connections) that is inspected daily?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	b.	Welded flanges, welded joints and/or welded connections that is inspected daily?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	c.	Sealless or magnetic coupling pumps and/or sealless valves?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
	d.	Pressurized above ground piping systems with automatic shut-off devices (e.g., excess flow check valves, flow metering shutdown and/or loss of pressure-actuated shut-off devices) that is inspected daily?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
TANK SYSTEMS FOUND TO BE LEAKING OR UNFIT FOR USE						
19.	Has there been a leak or spill from any tank system or has any tank system been found unfit for use? If so, did the o/o:		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	<input type="checkbox"/>
<i>NOTE: If the tank is found to be unfit for use, inspector should explain why.</i>						
	a.	Immediately cease flow of material into tank and investigate the cause of the release? [3745-66-96(A)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	b.	Remove waste from tank system to prevent further release within 24 hours of detection or earliest practicable time? [3745-66-96(B)(1)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	c.	Remove all material released into secondary containment system within 24 hours or as timely as possible to prevent harm to human health and the environment? [3745-66-96(B)(2)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	d.	For a visible release to the environment, immediately conduct a visual inspection of the release? [3745-66-96(C)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	e.	For a visible release to the environment, prevent further migration of the leak or spill to soils or surface waters? [3745-66-96(C)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	f.	For a visible release to the environment, properly dispose of any visibly contaminated soil or surface water? [3745-66-96(C)]	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>
	g.	Report any release to the environment to the director within 24 hours	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	<input checked="" type="checkbox"/>

		unless it was less than one pound and was cleaned up immediately? [3745-66-96(D)(1)]	
	h.	For a release to the environment, submit a written report of the incident to the director within 30 days of the release? [3745-66-96(D)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	i.	Remediate the spill and repair the unit prior to returning it to service? [3745-66-96(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	j.	For a release from a tank system without secondary containment, did the o/o provide secondary containment meeting the requirements of 3745-66-93 for the unit prior to putting it back into service? [3745-66-96(E)(4)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: The requirements noted in 20.j. do not apply if the release was from an above ground component of the tank which can be inspected visually after being put back into service.</i>			
20.		In the event that the repairs to the tank system were major (e.g., replacement of liner, repair of ruptured primary or secondary containment structure), did the o/o obtain a certification from an independent, registered P.E. attesting that the repaired unit is capable of handling hazardous waste? [3745-66-96(F)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
21.		Was a copy of the certification submitted to the director within seven days after returning the system to use? [3745-66-96(F)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
22.		If the o/o was unable to repair and return the unit to service as described in 20.a through 20.e, was the tank system closed in accordance with 3745-66-97? [3745-66-96(E)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
23.		Does the o/o have a tank system with a variance from secondary containment from which a release has occurred but <u>has not</u> migrated beyond the zone of engineering control? If so,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Has the o/o complied with 3745-66-96(A) through (F) and decontaminated soils? [3745-66-93(G)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	If soils cannot be decontaminated/removed, has the o/o complied with 3745-66-97(B)? [3745-66-93(G)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
24.		Does the o/o have a tank system with a variance from secondary containment from which a release occurred and <u>has</u> migrated from the zone of engineering control? If so,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Has the o/o complied with 3745-66-96(A) through (D), prevented migration, and decontaminated soil? [3745-66-93(G)(4)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	If soils cannot be decontaminated/removed, or if the groundwater has been contaminated, has the o/o complied with 3745-66-97(B)? [3745-66-93(G)(4)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

**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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

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).

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|----|--|--|
| 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 5. | Does the generator generate a listed HW that exhibits a characteristic? If yes, | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> |

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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
|----|---|--|

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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
|----|---|--|

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)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 10. | Does the generator have a copy of the LDR notification form on file?[3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| a. | Is the form kept on file for three years after last HW shipped? [3745-270-07(A)(8)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| b. | Applicable waste codes (includes characteristic codes for a listed HW if applicable)? [3745-270-07(A)(2)] | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |
| d. | A designation whether the HW is a wastewater or non-wastewater? [3745-270-07(A)(2)]. | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |

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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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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 <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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13.	Is the HW a metal-bearing HW?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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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 is given in the Appendix to 3745-270-03.

14.	a.	Metal-bearing HWs cannot be incinerated, combusted or, blended and burned for fuel unless <u>one</u> of the following conditions apply. [3745-270-03(c)]	
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	i.	Contains > 1% TOC?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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	ii.	Contains organic constituents or cyanide at levels greater than the UST levels?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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	iii.	Is made up of combustible material e.g., paper, wood, plastic?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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	iv.	Has a reasonable heating value (e.g., > 5000 Btu)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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	v.	Co-generated with a HW that must be combusted?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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	b.	If all responses to 14 a.i. through 14 a.v. are "No", HW is being improperly treated by dilution, violation of 3745-270-03(C). Is HW being treated by dilution?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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15.	Was the HW treated by wastewater treatment?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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	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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: If Yes, HW is improperly being treated by dilution.

	b.	Does the waste carry the D001 code <u>and</u> contain $\geq 10\%$ TOC?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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	c.	Does the wastewater treatment process include a process to separate/recover the organic phase of the waste?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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NOTE: If the answers to b & c are "yes" and "no", 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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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	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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
<i>NOTE: This is a laboratory analysis but it does not have to be kept by the generator.</i>			
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
e.	Does the generator keep the WAP on-site? [3745-270-07(A)(5)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
f.	Is the WAP available for the inspector's review during the inspection? [3745-270-07(A)(5)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
NOTIFICATION FORM			
17.	a.	Contains all information in #11 a-g above and	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	ii.	Maintain a copy of the notice onsite?[3745-270-09(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iii.	Include in the notification: [3745-270-09(D)(1)(a)]	
		1. Name & address of receiving landfill?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		2. Description of HW when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		3. HW code when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		4. Treatability group when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		5. Underlying hazardous constituents present when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	iv.	Contain the right certification statement as required by 3745-270-07(b)(4)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

LARGE 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) = less than 5,000 Kg		
GENERAL REQUIREMENTS		
1.	Has the LQUWH obtained a U.S. EPA Identification number before exceeding the 5,000 kg limit? [3745-273-32(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
PROHIBITIONS		
2.	Did the LQUWH dispose of universal waste? [3745-273-31(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Did the LQUWH dilute or treat universal waste, except when responding to releases as provided in OAC rule 3745-273-37 or managing specific wastes as provided in OAC rule 3745-273-33? [3745-273-31(B)] (this change makes it like the SQUWH checklist)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
WASTE MANAGEMENT AND LABELING/MARKING		
UNIVERSAL WASTE BATTERIES		
4.	Are batteries that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-33(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
5.	If the batteries are contained, are the containers closed, structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-33(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6.	Are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-33(A)] Toxco breaches the casings of lead acid and NiCd wet cell batteries. These batteries are stored in the permitted hazardous waste storage area.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7.	If the electrolyte is removed or other wastes generated, has it been determined whether the electrolyte or other wastes exhibit a characteristic of a hazardous waste? [3745-273-33(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If the electrolyte or other waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? [3745-273-33(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-33(A)(3)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
8.	Are the batteries or containers of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-34(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
UNIVERSAL WASTE LAMPS		
9.	Does the LQUHW 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? [3745-273-33(D)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
10.	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 constituents to the environment? [3745-273-33(D)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p>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.</p>		
11.	Are the lamps or containers or packages of lamps labeled with the words "Universal Waste - Lamp(s)" or "Waste Lamp(s)" or "Used Lamps?" [3745-273-34(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

ACCUMULATION TIME		
12.	Is the waste accumulated for less than one year? [3745-273-35(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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) [3745-273-35(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Accumulation is defined as date generated or date received from another handler.</i>		
13.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-35(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
If yes, describe below: Marks or labels the container with the earliest date when the universal waste became a waste or was received. Marks or labels the individual item of universal waste with the date that it became a waste or was received. Maintains an inventory system on-site.		
EMPLOYEE TRAINING		
14.	Are employees thoroughly familiar with universal waste handling/emergency procedures, relative to their responsibilities? [3745-273-36]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
RESPONSE TO RELEASES		
15.	Are releases of universal waste and other residues immediately contained? [3745-273-37(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
16.	Is the material released characterized? [3745-273-37(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
17.	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) [3745-273-37(C)] (This now mirrors SQUWH checklist)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
OFF-SITE SHIPMENTS		
<i>NOTE: If a LQUWH self-transportes wastes, then the handler must comply with the Universal Waste transporter requirements.</i>		
18.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-38(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Is the handler aware of DOT requirements for packaging and shipping?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
If not, make aware of 40 CFR 171-180.		
20.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-38(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
21.	Has the originating handler ever had an off-site shipment rejected by another handler of destination facility?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	If yes, did the originating handler receive the waste back or agree to where shipment was sent? [3745-273-38(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
22.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler to discuss and do <u>one of the following</u> : (This now mirrors SQUWH checklist)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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)? [3745-273-38(F)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
23.	If the handler received a shipment of hazardous waste that was not a universal waste, did the LQUWH immediately notify Ohio EPA? [3745-273-38(G)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
TRACKING UNIVERSAL WASTE SHIPMENTS		
24.	Are universal wastes received from another handler? If so:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Is a record (log, invoice, manifest, bill of lading, or other shipping document) of each shipment kept? [3745-273-39(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

25.	Does the record include the following:		
	a.	Name and address of the originating handler or foreign shipper? [3745-273-39(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Quantity of each type of universal waste? [3745-273-39(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Date received? [3745-273-39(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
26.	Is universal waste shipped to another handler? If so:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a.	Is a record of each shipment kept? [3745-273-39(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
27.	Does the record include the following?		
	a.	Name and address of universal waste handler, destination facility, or foreign destination? [3745-273-39(B)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b.	Quantity of each type of universal waste? [3745-273-39(B)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	c.	Date shipped? [3745-273-39(B)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
28.	Are records kept for three years? [3745-273-39(C)(1)&(2)]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EXPORTS			
29.	Is waste being sent to a foreign destination? If so:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Does the large quantity handler comply with primary exporter requirements in OAC rules 3745-52-53, 3745-52-56 and 3745-52-57? [3745-273-40(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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? [3745-273-40(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	Is a copy of the U.S. EPA "Acknowledgment of Consent" provided to the transporter? [3745-273-40(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>