



State of Ohio Environmental Protection Agency

Southeast District Office

2195 Front Street
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490
www.epa.state.oh.us

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

January 25, 2010

**Pike County
Portsmouth Gaseous Diffusion Plant
DHWM/SEDO
OH7890008983 / 04-57-0680**

William E. Murphie
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, Kentucky 40513

Mr. W.A. Franz
LATA/Parallax Portsmouth, LLC
P.O. Box 855
Piketon, Ohio 45661

Dear Messrs:

I received your responses to my December 18, 2009, Notice of Violation letter on January 20, 2010 and January 21, 2010. The documentation that you submitted included copies of the Waste Transportation procedure and the Field Inspection Regulatory Compliance Checklist that is being utilized at the facility.

My review of this documentation reveals that the Portsmouth Gaseous Diffusion Plant has adequately demonstrated abatement of the violations discovered during the December 16, 2009 compliance inspection.

Should you have any questions regarding the contents of this letter, feel free to contact me at (740) 380-5256.

Sincerely,

Melody Stewart
District Representative
Division of Hazardous Waste Management

MS/mlm

Notice:

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



OH7890008983-045-04/15/2011

Hazardous Waste

NOV

PIKE

US DOE PORTSMOUTH GASEOUS DIFFUSION PLANT

04/15/2011

**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

April 15, 2011

**Pike County
Portsmouth Gaseous Diffusion Plant
DHWM/SEDO
OH7890008983 / 04-57-0680**

Mr. William E. Murphie
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, Kentucky 40513

Mr. Woodrow B. Jameson
Fluor-B&W Portsmouth, LLC
P.O. Box 548
Piketon, Ohio 45661

Dear Messrs:

During a walk down of the X-630 D&D project on April 6, 2011, I observed a violation of Ohio Administrative Code (OAC) 3745-279-22(D), Used oil storage requirements for generators. Absorbents had been placed on the ground in an attempt to absorb used oil that had been dripping from the gear boxes. A used oil sheen on the standing water in an adjoining ditch was also observed as well as demolition debris partially buried under soil. The gear boxes had been previously removed during pre-D&D activities at the project.

OAC rule 3745-279-22(D) requires a generator upon detection of a release of used oil to the environment to clean up and manage properly the released used oil and other materials. Oil dripping from the scrap metal gear boxes is considered used oil. The oily absorbent had been placed on the ground sometime during the pre-D&D activities of the X-630 complex; however, pre-D&D activities had ceased on March 24, 2011 due to transition. In the future, absorbent that is used to clean up a used oil spill should be removed once it has absorbed the used oil and not left on the ground for extended periods of time.

In an email dated April 7, 2011 from USDOE, actions taken by Fluor-B&W Portsmouth, LLC to address this violation were documented. These actions included:

- Absorbent, saturated pads and stained gravels in the surrounding area were removed and disposed.
- Pigs and straw bales were placed into the onsite drainage ditch to catch any residual oil.
- Pigs were placed around the storm drain.

- Eight of the gear boxes were placed into roll-offs and a tarp was placed over top of the container to prevent water infiltration.
- The remaining gear boxes were plugged with oil absorbing pads and the pads were placed under the gear boxes.
- Inspections will be conducted daily and if needed absorbent pads will be replaced.

Photographs of the area documenting the cleanup of the used oil absorbent and the ditch area were received from USDOE on April 12, 2011; therefore, USDOE and Fluor-B&W Portsmouth, LLC have demonstrated abatement of the violation observed on April 6, 2011. If you should have any questions, please feel free to contact me at 740.380.5256.

Sincerely,



Melody Stewart
District Representative
Division of Hazardous Waste Management

MS/mlm

Cc: Maria Galanti, DERR/SEDO

Notice:

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



OH7890008983-044-12/18/2009

Hazardous Waste

NOV

PIKE

US DOE PORTSMOUTH GASEOUS DIFFUSION PLANT

12/18/2009

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Marilyn G. Adams</i></p> <p>B. Received by (Printed Name) <input type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Marilyn G. Adams</i></p> <p>C. Date of Delivery <i>12-22-09</i></p>
<p>1. Article Addressed to:</p> <p><i>William E. Murphie Portsmouth/Paducah Project Off. 1017 Majestic Dr., Suite 200 Lexington, KY 40513</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input checked="" type="checkbox"/> <i>0.0.0.</i></p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7007 3020 0001 7884 7992</i></p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

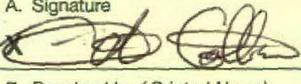
7007 3020 0001 7884 7992

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ <i>5.54</i>
Sent To: <i>William E. Murphie, Portsmouth/Paducah</i> Street, Apt. No., or PO Box No. <i>1017 Majestic Dr., Suite 200</i> City, State, ZIP+4 <i>Lexington, KY 40513</i>	
PS Form 3800, August 2006 See Reverse for Instructions	

LOGAN, OH 43138

Postmark
DEC 18 2009

USPS

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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<p>1. Article Addressed to:</p> <p><u>Mr. W.A. Frenz</u> <u>LATA/Perella Portsmouth LLC</u> <u>P.O. Box 855</u> <u>Pikeston, OH 45661</u></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p><u>DEC 21 2009</u></p> <p>3. Service Type <u>45661</u> <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><u>7007 3020 0001 7884 8005</u></p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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Return Receipt Fee (Endorsement Required)	<u>2.30</u>
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ <u>5.54</u>



Sent To W.A. Frenz, LATA/Perella Portsmouth
 Street, Apt. No., or PO Box No. POB 855
 City, State, ZIP+4 Pikeston, OH 45661

PS Form 3800, August 2006 See Reverse for Instructions

7007 3020 0001 7884 8005



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Ted Strickland, Governor
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December 18, 2009

**Pike County
Portsmouth Gaseous Diffusion Plant
DHWM/SEDO
OH7890008983 / 04-57-0680**

William E. Murphie
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, Kentucky 40513

Mr. W.A. Franz
LATA/Parallax Portsmouth, LLC
P.O. Box 855
Piketon, Ohio 45661

Dear Messrs:

On December 16, 2009, I conducted a compliance evaluation inspection of the Portsmouth Gaseous Diffusion Plant to determine compliance with Ohio's hazardous waste laws and regulations as found under the Ohio Revised Code (ORC) and the Ohio Administrative Code (OAC). During the inspection, I also helped you identify ways to prevent pollution by reducing waste. The inspection included an inspection of facility operations and a review of written documentation.

I found the following violations of Ohio's hazardous waste law. In order to correct these violations, you must do the following and send me the required information ***within 30 days*** of your receipt of this letter:

(1) Testing, tracking, and recordkeeping requirements for generators, treaters, and disposal facilities, OAC rule 3745-270-07(A)(2) and Permit Condition B.36:

If the waste or contaminated soil does not meet the treatment standard. With the initial shipment of waste to each treatment or storage facility, the generator must send a one-time written notice to each treatment or storage facility receiving the waste, and place a copy in the generator's files. The notice must include the information in Column A of Table 1 of this rule.

During the inspection, it was found that the land disposal restriction notification form for manifest number 000866465 had not been completely filled out and that the underlying hazardous constituents were not identified for the D018 characteristic waste. In order to demonstrate compliance with this rule and permit modification,

USDOE must develop and submit for review, a standard operating procedure for personnel filling out these notification forms to ensure that all appropriate items have been completely filled out.

- (2) **Special rules regarding wastes that exhibit a characteristic, OAC rule 3745-270-09(A) and Permit condition B.36:** The initial generator of a waste must determine each EPA hazardous waste number applicable to the waste in order to determine the applicable treatment standards under rules 3745-270-40 to 3745-270-49 of the Administrative Code. If the generator determines that his waste displays a hazardous characteristic, the generator must determine underlying hazardous constituents (as defined in rule 3745-270-02 of the Administrative Code) in the characteristic waste.

See comment #1 above.

Comment

- (a) When receiving the signed manifest back from the treatment, storage, or disposal facility (TSDF), USDOE must ensure that the hazardous waste report management method code, Item 19 of the manifest is completed. The hazardous waste report management method code is to be entered by the first TSDF that receives the waste.

Enclosed, you will find a copy of the checklists that were completed as a result of the inspection. Should you have any questions regarding the contents of this letter, feel free to contact me at 740-380.5256.

Sincerely,



Melody Stewart
District Representative
Division of Hazardous Waste Management

MS/mlm

Notice:

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

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

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

Safety Equipment Used:

GENERAL REQUIREMENTS

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]	Yes <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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Has the generator notified U.S. EPA of export activity? [3745-52-53(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Has the generator complied with special manifest requirements? [3745-52-54]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	For manifests that have not been returned to the generator: has an exception report been filed? [3745-52-55]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
d.	Has an annual report been submitted to U.S. EPA? [3745-52-56]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
e.	Are export related documents being maintained on-site? [3745-52-57(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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)]	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)]	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)]</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"/>
<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>		
17.	If the generator did not receive a return copy of each completed manifest within 35 days of the waste being accepted by the transporter did the generator contact the transporter and/or TSD facility to check on the status of the waste? [3745-52-42(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
18.	If the generator has not received the manifest within 45 days, did the generator file an exception report with Ohio EPA? [3745-52-42(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
19.	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		
20.	Does the generator have a training program which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to their positions? [3745-65-16(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
21.	Does the personnel training program, at a minimum, include instructions to ensure that facility personnel are able to respond effectively to emergencies involving hazardous waste by familiarizing them with emergency procedures, emergency equipment and emergency systems (where applicable)? [3745-65-16(A)(3)(a-f)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	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"/>
23.	Do new employees receive training within six months after the date of hire (or assignment to a new position)? [3745-65-16(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
24.	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"/>
25.	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"/>

26.	Are training records for current personnel kept until closure of the facility and are training records for former employees kept for at least three years from the date the employee last worked at the facility? [3745-65-16(E)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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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.

Job Performed	Name of Employee	Date Trained

CONTINGENCY PLAN

27.	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"/>
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28.	Does the plan describe the following:	
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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"/>
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b.	Arrangements with emergency authorities? [3745-65-52(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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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"/>
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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"/>
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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"/>
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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)]

29.	Is a copy of the plan (plus revisions) kept on-site and been given to all emergency authorities that may be requested to provide emergency services? [3745-65-53 (A) & (B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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30.	Has the generator revised the plan in response to rule changes, facility, equipment and personnel changes, or failure of the plan? [3745-65-54]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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31.	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"/>
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NOTE: The emergency coordinator shall be thoroughly familiar with: (a) all aspects of the facility's contingency plan; (b) all operations and activities at the facility; (c) the location and characteristics of waste handled; (d) the location of all records within the facility; (e) facility layout; and (f) shall have the authority to commit the resources needed to implement provisions of the contingency plan.

EMERGENCY PROCEDURES

32.	Has there been a fire, explosion or release of hazardous waste or hazardous waste constituents since the last inspection? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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a.	Was the contingency plan implemented? [3745-65-51(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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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"/>
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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"/>
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NOTE: OAC 3745-65-51(b) requires that the contingency plan be implemented immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents, which could threaten human health and the environment.

PREPAREDNESS AND PREVENTION

33.	Is the facility operated to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste? [3745-65-31]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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34.	Does the generator have the following equipment at the facility, if it is required due to actual hazards associated with the waste:	
a.	Internal communications or alarm system? [3745-65-32(A)]	Yes <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 type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Verify that the equipment is listed in the contingency plan.		
35.	Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
36.	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"/>
37.	Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (unless the device is not required under 3745-65-32)? [3745-65-34(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
38.	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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
39.	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"/>
40.	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"/>
41.	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		
42.	Does the generator ensure that satellite accumulation area(s):	
a.	Are at or near a point of generation? [3745-52-34(C)(1)]	Yes <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"/>
43.	Is the generator accumulating hazardous waste(s) in excess of the amounts listed in the preceding question? If so:	Yes <input type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: The satellite accumulation area is limited to 55 gallons of hazardous waste accumulated from a distinct point of generation in the process under the control of the operator of the process generating the waste (less than 1 quart for acute hazardous waste). There could be individual waste streams accumulated in an area from different points of generation.		

USE AND MANAGEMENT OF CONTAINERS IN <90 DAY ACCUMULATION AREAS		
44.	Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(A)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
45.	Is the accumulation date on each container? [3745-52-34(A)(2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
46.	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"/>
<i>NOTE: Record location on process summary sheets, photograph the area, and record on facility map.</i>		
47.	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"/>
48.	Are containers of ignitable or reactive wastes located at least 50 feet (15 meters) from the facility's property line? [3745-66-76]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
49.	Are containers of incompatible wastes stored separately from each other by means of a dike, berm, wall or other device? [3745-66-77(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
50.	If the generator places incompatible wastes, or incompatible wastes and materials in the same container, is it done in accordance with 3745-65-17(B)? [3745-66-77(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
51.	If the generator places hazardous waste in an unwashed container that previously held an incompatible waste, is it done in accordance with 3745-65-17(B)? [3745-66-77(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<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>		
52.	If the generator has closed a <90 day accumulation area does the closure appear to have met the closure performance standard of 3745-66-11? [3745-52-34(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<i>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]</i>		
PRE-TRANSPORT REQUIREMENTS		
53.	Does the generator package/label its hazardous waste in accordance with the applicable DOT regulations? [3745-52-30, 3745-52-31 and 3745-52-32(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
54.	Does each container <110 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"/>
55.	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"/>

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

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 checked="" type="checkbox"/> No <input 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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input 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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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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 to meet the LDR treatment standard?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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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"/>
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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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 HW 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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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"/>
13.	Is the HW a metal-bearing HW?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: Generally, metal-bearing HWs contain heavy metals above TCLP levels or were listed due to the presence of metals. A list of the restricted metal-bearing HWs are given in the Appendix to 3745-270-03.		
14.	a. Metal-bearing HWs cannot be incinerated, combusted or, blended and burned for fuel unless <u>one</u> of the following conditions apply. [3745-270-03(c)]	
	i. Contains > 1% TOC?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	ii. Contains organic constituents or cyanide at levels greater than the UTS levels?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iii. Is made up of combustible material e.g., paper, wood, plastic?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iv. Has a reasonable heating value (e.g., > 5000 Btu)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	v. Co-generated with a HW that must be combusted?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	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 checked="" type="checkbox"/>
15.	Was the HW treated by wastewater treatment?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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 type="checkbox"/> N/A <input checked="" type="checkbox"/>
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"/>
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"/>
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"/>	
	Did the generator treat his hazardous waste/soil on-site in a tank, container, drip pad or containment building <u>to meet</u> the LDR treatment standard?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 checked="" 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 checked="" type="checkbox"/>	
NOTE: This is a laboratory analysis but it does not have to be kept by the generator.			
c.	Does the WAP contain all information necessary to treat the HW/soil to the LDR treatment standard? [3745-270-07(A)(5)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	
NOTIFICATION FORM FOR GENERATOR TREATMENT			
17.	a.	Contains all information in #11 a-g above and	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>
	2.	Description of HW when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	3.	HW code when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	4.	Treatability group when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	5.	Underlying hazardous constituents present when generated?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	iv.	Contain the certification statement as required by 3745-70-07(B)(4)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

**USED OIL INSPECTION CHECKLIST
GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS**

NOTE: A facility is subject to the federal SPCC regulations (40 CFR 112) if it is non-transportation related (e.g., fixed) and has an aggregate above ground storage capacity greater than 1,320 gallons or a total underground storage capacity greater than 42,000 gallons of oil (including used oil), and there is reasonable expectation of a discharge to navigable waters.

PROHIBITIONS

1. Does the generator manage used oil in a surface impoundment or waste pile? If yes: Yes No N/A
- a. Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)] Yes No N/A
2. Is used oil used as a dust suppressant? [3745-279-12(B)] Yes No N/A
3. Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)? Yes No N/A

NOTE: Multiple used oil checklists may be applicable if used oil handler is performing multiple tasks (e.g., if generating used oil and shipping directly to a burner, complete generator and marketer checklists at a minimum).

GENERATOR STANDARDS

4. Does the generator mix hazardous waste with used oil? If so, Yes No N/A
- a. Is the mixture managed as specified in 3745-279-10(B)? [3745-279-21(A)] Yes No N/A

NOTE: Used Oil mixed with listed (3745-51-30 to 3745-51-35) or characteristic (3745-51-20 to 3745-51-24) hazardous waste are subject to regulation as a hazardous waste, unless the listed hazardous waste is listed solely because it exhibits a hazardous characteristic, and the resultant mixtures do not exhibit a characteristic. Mixtures of used oil and CESQG hazardous waste are subject to OAC Chapter 3745-279.

5. Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)] Yes No N/A

NOTE: If used oil contains greater than 1000 ppm total halogens, it is presumed to be listed hazardous waste until the presumption is successfully rebutted.

6. Does the generator store used oil in tanks; or containers; or a unit(s) subject to regulation as a hazardous waste management unit? [3745-279-22(A)] Yes No N/A
7. Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)] Yes No N/A
8. Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil"? [3745-279-22(C)] Yes No N/A

9. Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]
- a. Stopped the release? Yes No N/A
- b. Contained the release? Yes No N/A
- c. Cleaned up and properly managed the used oil and other materials? Yes No N/A
- d. Repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes No N/A

ON-SITE BURNING IN SPACE HEATER

10. Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so: Yes No N/A
- a. Does the heater burn only used oil that owner/operator generates or used oil received from household do-it-yourself (DIY) used oil generators? Yes No N/A
- b. Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour? Yes No N/A
- c. Are the combustion gases from heater vented to the ambient air? Yes No N/A

GENERATOR TRANSPORTATION

11. If the generator self-transport used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24] Yes No N/A
- a. Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator?[3745-279-24] Yes No N/A
- b. Does the generator transport more than 55 gallons of used oil at any time?[3745-279-24] Yes No N/A

NOTE: Used oil generators may arrange for used oil to be transported by a transporter without a U.S. EPA ID # if the used oil is reclaimed under a contractual agreement (i.e., tolling arrangement).

COLLECTION CENTERS AND AGGREGATION POINTS

12. Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30] Yes No N/A
13. Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31] Yes No N/A
14. Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32] Yes No N/A

NOTE: Complete Used Oil Generator and any other applicable used oil handler checklist (e.g., marketer, burner, etc.) for used oil collection centers and aggregation points.

Keyword: UsedOilChecklistforGenerators.Oct.2007.doc

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) = 5,000 Kg or less

GENERAL REQUIREMENTS

1.	Has the LQUWH obtained a U.S. EPA Identification number before exceeding 5,000 kg limit? [3745-273-32(A)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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PROHIBITIONS

2.	Did the LQUWH dispose of universal waste? [3845-273-31(A)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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3.	Did the LQUWH dilute or treat universal waste, except when responding to releases or by managing specific wastes as provided in OAC 3745-273-33? [3745-273-31(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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WASTE MANAGEMENT AND LABELING/MARKING

UNIVERSAL WASTE BATTERIES:

4.	Are battery(ies) 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"/>
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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?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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6.	Does the LQUWH conduct any of the following activities:	
----	---	--

a.	Sort batteries by type?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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b.	Mix battery types in one container?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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c.	Discharge batteries to remove the electric charge?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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d.	Regenerate used batteries?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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e.	Disassemble them into individual batteries or cells?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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f.	Remove batteries from consumer products?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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g.	Remove the electrolyte from the battery?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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	If so, are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-33(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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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 battery(ies) or container(s) of batteries located with the words "Universal Waste-Battery(ies)" 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"/>
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UNIVERSAL WASTE LAMPS

9.	Does the LQUHW contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and are compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-33(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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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"/>
<p><i>NOTE: Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility under a hazardous waste manifest.</i></p>		
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 handler to demonstrate) [3745-273-35(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p><i>NOTE: Accumulation is defined as date generated or date received from another handler.</i></p>		
13.	Has the length of time the universal waste has been accumulated documented by <u>one</u> of the following: [3745-273-35(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Marking or labeling the container with the earliest date when the universal waste became a waste or was received? [3745-273-35(C)(1)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Marking or labeling the individual item of universal waste with the date that it became a waste or was received? [3745-273-35(C)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Maintaining an inventory system on-site that identifies the date the universal waste became a waste or was received? [3745-273-35(C)(3)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Maintaining an inventory system on-site that identifies the earliest date that any universal waste in a group of universal waste items or a group of containers became a universal waste or was received? [3745-273-35(C)(4)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
e.	Placing the universal waste in a specific accumulation area and identifying the earliest that any universal waste in the area became a waste or was received? [3745-273-35(C)(5)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
f.	Any other method which clearly demonstrates the length of time the universal waste has been accumulated from the date it became a waste or is received? [3745-273-35(C)(6)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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.	Were releases of universal waste and other residues immediately contained? [3745-273-37(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
16.	Was the released material characterized? [3745-273-37(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
17.	If the released material was a hazardous waste, was it managed as required in OAC 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to Chapter 3745-52) [3745-273-37(C)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

OFF-SITE SHIPMENTS

NOTE: If a LQUWH self-transportes wastes, then the handler must comply with the Universal Waste transporter requirements.

18. Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-38(A)] Yes No N/A

NOTE: LQUWHs are prohibited to send waste to any other facility.

19. If the universal waste meets the definition of hazardous material under 49 CFR 171-180, are DOT requirements met with regard to package, labels, placards and shipping papers? [3745-273-38(C)] Yes No N/A

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 No N/A

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

a. Receive the waste back? [3745-273-38(E)(1)] Yes No N/A

b. Agree to where shipment will be sent? [3745-273-38(E)(2)] Yes No N/A

22. If a handler rejects a partial or full load from another handler, does the receiver handler contact the originating handler and discuss one of the following:

a. Sending the waste back to originating handler? [3745-273-38(F)(1)] Yes No N/A

b. Sending the shipment to a destination facility? [3745-273-38(F)(2)] Yes No N/A

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 No N/A

24. If the handler received a shipment of non-hazardous, non-universal waste, was the waste managed in accordance with applicable law? [3745-273-38(H)] Yes No N/A

TRACKING UNIVERSAL WASTE SHIPMENTS

25. Are universal waste received from another handler? If so Yes No N/A

a. Is a record of each shipment kept? [3745-273-39(A)] Yes No N/A

NOTE: This record can be in the form of a log, invoice, manifest, bill of lading, or other shipping document. This also applies to question No. 35(a).

26. Does the record include the following:

a. Name and address of the originating handler or foreign shipper? [3745-273-39(A)(1)] Yes No N/A

b. Quantity of each type of universal waste? [3745-273-39(A)(2)] Yes No N/A

c. Date received? [3745-273-39(A)(3)] Yes No N/A

27. Is universal waste shipped to another handler? If so: Yes No N/A

a. Is a record of each shipment kept? [3745-273-39(B)] Yes No N/A

28. 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 No N/A

b. Quantity of each type of universal waste? [3745-273-39(B)(2)] Yes No N/A

	c.	Date shipped? [3745-273-39(B)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
29.		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			
30.		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 U.S. EPA "Acknowledgment of Consent" 3745-52-50 to -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"/>

**STATE PART B HAZARDOUS WASTE PERMIT
INSPECTION CHECKLIST**

**DIVISION OF HAZARDOUS WASTE MANAGEMENT
OHIO EPA
July 2002**

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04-66-0680

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

Facility: Portsmouth Gaseous Diffusion Plant Ohio Permit #: 04-66-0680

Co-operator: LATA/Parallax Portsmouth, LLC

Address: 3930 U.S. Route 23 South
Piketon, OH 45661

USEPA ID#: OH7890008983
Facility Phone: 740-897-5010

County: Pike

Time: 9:00 - 4:00

Inspection Date: 12/16/09

Advance notice of inspection given? (Yes) (No)

If so, how far in advance? 12 hrs

	<u>Name</u>	<u>Agency/Title</u>	<u>Phone</u>
Inspector(s):	<u>Melody Stewart</u>	<u>Ohio EPA</u>	<u>740-380-5256</u>
Facility	<u>Christopher Guilliams</u>	<u>LPP</u>	<u>740-897-3863</u>
Representative(s):			

Is facility operating as a generator? Yes No

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

PERMIT STATUS

Permit Issued: March 15, 2001
Permit Effective Date: March 15, 2001
Permit Expiration Date: March 15, 2011

STORAGE		TREATMENT		DISPOSAL	
<input checked="" type="checkbox"/>	Container	<input type="checkbox"/>	Tank	<input type="checkbox"/>	Injection Well
<input type="checkbox"/>	Tank	<input type="checkbox"/>	Surface Impoundment	<input type="checkbox"/>	Landfill
<input type="checkbox"/>	Waste Pile	<input type="checkbox"/>	Incinerator	<input type="checkbox"/>	Land Application
<input type="checkbox"/>	Surface Impoundment	<input type="checkbox"/>	Thermal Treatment	<input type="checkbox"/>	Surface Impoundment

PROCESS DESCRIPTION

Historically, the main function of the DOE-PORTS facility was to enrich uranium for military use (nuclear submarines) and commercial reactors through a gaseous diffusion process. This involved the separation of U235 from the U238 isotope in UF6 feedstock which contains 0.711% U235. However, in 1993, the uranium enrichment facilities at the plant were leased to the United States Enrichment Corporation (USEC). USDOE retained ownership of the ongoing site environmental restoration program as well as two permitted hazardous waste storage facilities.

Numerous other activities associated with the plant's main function also occur on-site and are leased by USEC. These include decontamination of equipment and uranium recovery (X-705 Bldg.); chemical cleaning of equipment (X-700); maintenance crafts, including paint, sheet metal, machining, valve, compressor, welding, electrical, motor rewind, metallurgy, instruments and carpentry (X-720); laboratory services (X-710); wastewater treatment (X-6619); water treatment (X-611); chromium removal (X-616); uranium operations, fluorine generation and cylinder handling (X-344); photo and printing lab (X-100); vehicle repair (X-750); coal pile runoff treatment (X-621); and electrical and utilities system.

Hazardous waste and mixed waste which was generated from the gaseous diffusion and associated processes leased by USEC is stored in DOE owned and permitted storage facilities. Waste generated by DOE from the environmental restoration is also stored in these facilities. USEC ceased the enrichment process in May 2001.

WASTE MANAGEMENT, GENERATION AND AMOUNT

Uranium contaminated hazardous wastes (mixed waste) which were/are generated by USEC and DOE are stored on-site in DOE-owned and operated hazardous waste container storage facilities for longer than one year. Historically, this was due to the limited number of TSDs in the U.S. which could accept mixed waste, and a May 1991 DOE moratorium on off-site waste shipment. A large percentage of the waste generated at PORTS is DOE-generated mixed waste from the site-wide cleanup activities. This is also stored in DOE-owned storage areas. During the past year, numerous shipments of hazardous waste were manifested off-site by both DOE and USEC. This is due to an increase in treatment capacity at off-site commercial treatment facilities and DOE treatment facilities, the lifting of the moratorium, and the execution of the site treatment plans for DOE and USEC. DOE sends some waste off-site (to USDOE Oakridge) for treatment prior to final disposal. Treatment residuals are returned to DOE for storage in the interim prior to their final disposal.

Hazardous

The DOE Part B permit lists numerous hazardous waste codes for wastes that are generated by the above processes and the environmental restoration. These are stored in drums ranging in size from 30 to 110 gallon capacity, 5 gallon containers, 20 gallon lab packs, 5' cans, 4'x4'x6' boxes, 4'x4'x8' boxes, polybottles and laboratory bottles.

Nonhazardous

A wide variety of radioactive and other nonhazardous wastes are generated as a result of the above processes.

HAZARDOUS WASTE MANAGEMENT UNITS

The following DOE-owned permitted storage facilities were inspected during the CEI:

-X-326 Container Storage Facility

In addition, DOE-owned and operated HWMUs and SAAs were inspected in the following buildings:

-X-326	-X-622	-X-701B
-X-627	-X-624	-X-334
-X-623	-X-627	-X-720
-X-333	-X-330	-X-701B
-X-770	-X-746	-X-533
-X-345	-X-700	-X-633

REGULATORY/ENFORCEMENT HISTORY

As a result of violations of state and federal hazardous waste regulations found during the 1987, 1988, and 1989 OEPA RCRA inspections, USDOE and OEPA entered into a Consent Decree governing restoration of the environment at DOE-PORTS. This decree includes a requirement that DOE close the X-701B, X-749, X-231B, and X-616 units within specific timeframes. The X-749, X-616 and X-231B units have now been closed. X-701B is yet to be closed.

On October 4, 1995, DFFOs were signed which allowed DOE to store LDR wastes in excess of one year, so long as waste is being stored in compliance with the orders and an approved site treatment plan. These orders supercede the May 18, 1993, DFFOs.

On February 24, 1998, DOE, LMES and Ohio signed DFFOs and a Consent Order regarding past violations and the management of DUF6 and LiOH. This order was amended on March 12, 2004 and June 23, 2005. The latest amendment added LLP and UDS to the order.

On March 18, 1999, DOE and Ohio EPA signed DFFOs. These DFFOs provide exemptions to DOE and integrate the following unclosed units into the CMS/CMI process: X-749, X-231B, X-701C, X701B, X-230J7, and X-744Y.

A Part B permit was issued to DOE and its current co-operator, Bechtel Jacobs, for the X-7725 and X-326 storage facilities on March 15, 2001.

GENERAL CONDITIONS OF PERMIT

GENERAL PERMIT COMPLIANCE AND ACTIVITIES

1. Has the expiration date of the permit passed? If so: Yes__ No N/A __ RMK# __
- a. Is the permittee continuing any activity regulated by the permit after the expiration date of the permit? Yes__ No__ N/A RMK# __
- b. Has the facility submitted an application for a permit renewal to the director no later than 180 days prior to the expiration date of the permit? (Or upon a later date if the permittee can demonstrate good cause for late submittal.) [Condition A.6.(a)] Yes__ No__ N/A RMK# __

NOTE: *The permittee may continue to operate in accordance with the terms and conditions of the expired permit until a renewal permit is issued or denied if:*

- A. The permittee has submitted a timely and complete application for a renewal permit under OAC rule 3745-50-40; and
- B. Through no fault of the permittee, a new permit has not been issued pursuant to OAC rule 3745-50-40 on or before the expiration date of the permit. [Condition A.6.(b)]

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 No__ N/A __ RMK# __
3. Is the permittee conducting any hazardous waste management activities (not otherwise exempt by law) which are not authorized by the permit? [Condition A.1.(b) and A.5] Yes__ No N/A __ RMK# __
4. Have any provisions of the permit been identified as invalid? [Condition A.4.] Yes__ No N/A __ RMK# __
5. Has the facility identified any instances of noncompliance with the permit, RC Chapter 3734. or the rules adopted thereunder, which may endanger human health or the environment? If so: Yes__ No N/A __ RMK# __

a. Did the facility immediately report orally the following to Ohio EPA's Emergency Response Section within 24 hours of becoming aware of the circumstance(s): [Condition A.20.(a)]

i. Information concerning a release of any hazardous waste that may cause an endangerment to public drinking water supplies; and

Yes__ No__ N/A X RMK#__

ii. Information concerning a release of hazardous waste, fire or explosion at the facility which could threaten human health or the environment outside the facility, including a description of:

A. Name, address and telephone number of the owner or operator?

Yes__ No__ N/A X RMK#__

B. Name, address and telephone number of the facility?

Yes__ No__ N/A X RMK#__

C. Name and quantity of material(s) involved?

Yes__ No__ N/A X RMK#__

D. The extent of injuries, if any?

Yes__ No__ N/A X RMK#__

E. An assessment of the actual or potential hazard to the environment and human health outside the facility where this is applicable?

Yes__ No__ N/A X RMK#__

F. Estimated quantity and disposition of recovered material that resulted from the incident?

Yes__ No__ N/A X RMK#__

6. Did the permittee provide a written report to Ohio EPA's Emergency Response Section and DHWM, SEDO within five days of the time the permittee became aware of the circumstances reported in Question 5? [Condition A.21.] If so did the report contain:

Yes__ No__ N/A X RMK#__

a. A description of the noncompliance and its cause (including exact dates and times)?

Yes__ No__ N/A X RMK#__

b. Whether the noncompliance has been corrected and if not, the anticipated time noncompliance is expected to continue?

Yes__ No__ N/A X RMK#__

c. Steps taken or planned to minimize the impact on human health and the environment and to reduce and prevent recurrence of the noncompliance?

Yes__No__ N/A X RMK#__

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

7. Has the permittee expeditiously taken all steps necessary to minimize or correct any adverse impact on the environment or public health resulting from noncompliance with the permit? [Condition A.8]

Yes__No__ N/A X RMK#__

8. Has the permittee identified any other instances of noncompliance not provided for in Question 5?

Yes__No__ N/A X RMK#__

a. If so, did the permittee report to the director within a month of the time at which the permittee is aware of such noncompliance? [Condition A.22.]

Yes__No__ N/A X RMK#__

b. Do the reports provided contain the information set forth in Condition A.20?

Yes__No__ N/A X RMK#__

9. Has the permittee planned any physical alterations or additions to the permitted facility?

Yes__NoX N/A __ RMK#__

a. If so, has the facility provided Ohio EPA with notice of such changes? [Condition A.15]

Yes__No__ N/A X RMK#__

Note: *Such notification does not waive the permittee's duty to comply with the permit pursuant to Condition A.5.*

REMARKS

PERMIT MODIFICATION, REVISION, REVOCATION

1. Has the permittee filed a request for a permit modification, revision or revocation since issuance of the permit? [Condition A.2.] Yes No ___ N/A ___ RMK# ___
2. Has the permit been transferred to a new owner or operator? [Condition A.18.] If so, Yes ___ No N/A ___ RMK# ___
- a. Has the transfer been conducted in accordance with R.C. Chapter 3734. and the rules adopted thereunder? [Condition A.18.]; and Yes ___ No ___ N/A RMK# ___
- b. Before transferring ownership did the permittee notify the new owner in writing of the requirements of R.C. Chapter 3734. and the rules adopted thereunder and the applicable Ohio hazardous waste rules? [Condition A.18.] Yes ___ No ___ N/A RMK# ___
3. Has the permittee submitted reports of compliance or noncompliance with, or any progress reports on the requirements contained in any compliance schedule of the permit to Ohio EPA no later than 14 days following each scheduled date, unless otherwise specified? [Condition A.19.] Yes ___ No ___ N/A RMK# ___
4. Has the permittee furnished relevant information which Ohio EPA has requested to determine whether cause exists for modifying, revising, revoking or suspending the permit, or to determine compliance with the permit? [Condition A.10] Yes ___ No ___ N/A RMK# ___
5. Has the facility furnished Ohio EPA, upon request, with copies of records required to be kept by the permit? [Condition A.10] Yes No ___ N/A ___ RMK# ___
6. Has the permittee become aware that it failed to submit any relevant facts in the permit or issuance proceedings or that it submitted incorrect or incomplete information in permit issuance proceedings or other submissions to Ohio EPA or the HWFB? If so, Yes ___ No N/A ___ RMK# ___

a. Has the permittee promptly submitted such facts or corrected information to the appropriate entity?
[Condition A.24.]

Yes ___ No ___ N/A X RMK# ___

7. Is the permittee maintaining records of all data used to complete the approved application and any amendments, supplements, revisions or modifications to the application?
[Condition A.14.(c)]

Yes X No ___ N/A ___ RMK# ___

8. Is the permittee retaining a complete copy of the approved application on-site? [Condition A.14.(c)]

Yes X No ___ N/A ___ RMK# ___

REMARKS

SITE ENTRY - AVAILABILITY OF RECORDS

1. As specified in Condition A.11., has the permittee allowed the director or an authorized representative, upon proper identification and upon stating the purpose and necessity of an inspection, to:
- a. Enter at reasonable times upon the premises where a regulated activity is located or where records are kept under the conditions of the permit? Yes No ___ N/A ___ RMK# ___
 - b. Have access to and copy any records required to be kept under the conditions of the permit? Yes No ___ N/A ___ RMK# ___
 - c. Inspect at reasonable times facilities, equipment (including control and monitoring equipment), practices or other operations regulated under the conditions of the permit? Yes No ___ N/A ___ RMK# ___
 - d. Sample, document, or monitor any substance or parameter at any location of the facility to assure compliance with the permit or as otherwise authorized by R.C. Chapter 3734. and the rules adopted thereunder? Yes No ___ N/A ___ RMK# ___

RECORDKEEPING REQUIREMENTS

CONFIDENTIALITY

1. Has the permittee requested confidentiality of any information of the permit in accordance with R.C. Chapter 3734 and the rules adopted thereunder? [Condition A.25.] Yes ___ No N/A ___ RMK# ___

OPERATING RECORD

2. Is the permittee maintaining a written operating record at the facility as set forth in OAC rule 3745-54-73 and Condition B.22. of the permit which contains the following elements:
- a. A description and the quantity of each hazardous waste received? Yes No ___ N/A ___ RMK# ___

- b. Method(s) and date(s) of treatment, storage or disposal at the facility? Yes X No ___ N/A ___ RMK# ___
- c. The location of each hazardous waste within the facility and the quantity at each location? Yes X No ___ N/A ___ RMK# ___
3. Is the permittee maintaining, until closure is complete and certified, the following documents and amendments, revisions and modifications to these documents as part of its operating record: [Condition A.28.]
- a. Waste analysis plan in accordance with OAC rule 3745-54-13 and the conditions of the permit? Yes X No ___ N/A ___ RMK# ___
- b. Contingency plan in accordance with OAC rule 3745-54-53 and the conditions of the permit? Yes X No ___ N/A ___ RMK# ___
- c. Closure plan in accordance with OAC rule 3745-55-12 and the conditions of the permit? Yes X No ___ N/A ___ RMK# ___
- d. Personnel training plan and records required by OAC rule 3745-54-16 and the conditions of the permit? Yes X No ___ N/A ___ RMK# ___
- e. Inspection schedules developed in accordance with OAC rules 3745-54-15 and 3745-55-74 and the conditions of the permit? Yes X No ___ N/A ___ RMK# ___
4. Have any of the documents identified in Question #3 been revised as required by the permit? If so, Yes X No ___ N/A ___ RMK# ___
- a. Has the permittee submitted the revisions to Ohio EPA? [Condition A.28.(b)] Yes X No ___ N/A ___ RMK# ___
- b. Has the permittee received approval in accordance with Ohio hazardous waste rules to make such changes? [Condition A.28.(b)] Yes X No ___ N/A ___ RMK# ___
5. Is the permittee maintaining copies of all inspection logs at the facility for a period of at least three years from the date of inspection? [Condition A.28.(c)] Yes X No ___ N/A ___ RMK# ___

ANNUAL REPORT REQUIREMENT

6. 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 and the conditions of the permit? [Condition B.25.] Yes No ___ N/A ___ RMK# ___

SAMPLING/MONITORING RECORDKEEPING REQUIREMENTS

7. 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 No ___ N/A ___ RMK# ___
 - b. Individual(s) who performed the sampling or measurement? Yes No ___ N/A ___ RMK# ___
 - c. Date(s) analyses were performed? Yes No ___ N/A ___ RMK# ___
 - d. Individual(s) who performed the analyses? Yes No ___ N/A ___ RMK# ___
 - e. Analytical technique(s) or method(s) used? Yes No ___ N/A ___ RMK# ___
 - f. Results of such analyses? Yes No ___ N/A ___ RMK# ___
8. 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 No ___ N/A ___ RMK# ___
9. Has Ohio EPA requested submittal of any reports or other information required by the conditions of the permit from the permittee? If so, Yes ___ No N/A ___ RMK# ___
- a. Have the submittals been signed and certified according to OAC rules 3745-50-58(K) and 3745-50-42? [Condition A.13.] Yes ___ No ___ N/A RMK# ___

WASTE MINIMIZATION REQUIREMENTS

10. Has the permittee submitted a Waste Minimization Report to Ohio EPA meeting the requirements of Condition A.29. of the permit within 180 days of permit journalization?

Yes No ___ N/A ___ RMK# ___

a. Following the first submittal as identified above in Question #10, has the permittee submitted biennial updates to this report as required by Condition A.29.(c)?

Yes No ___ N/A ___ RMK# ___

REMARKS

OFF-SITE SHIPMENTS/MANIFEST REQUIREMENTS

1. Is all hazardous and mixed waste transported from the facility by a properly registered transporter of hazardous and mixed waste in accordance with all applicable laws, rules and standards? [Condition A.16.] Yes No ___ N/A ___ RMK# ___

MANIFEST REQUIREMENTS/WASTES RECEIVED ON-SITE

2. Upon receipt of the manifests, has the permittee signed and dated each copy of the manifest? [OAC 3745-54-71(A)(1); Condition B.24.] Yes No ___ N/A ___ RMK# ___

3. For any significant discrepancies identified upon receipt of the manifest(s): did the permittee note such discrepancies on the manifest(s) in accordance with OAC rule 3745-54-71(A)(2) and Condition B.24? Yes ___ No ___ N/A RMK# ___

a. Did the permittee attempt to reconcile the discrepancy? [Condition B.24.] Yes ___ No ___ N/A RMK# ___

b. If the discrepancy was not resolved within 15 days: did the permittee submit a report, including a copy of the manifest, to the director in accordance with OAC rule 3745-54-72(B)? [Condition B.24.] Yes ___ No ___ N/A RMK# ___

4. Does the permittee immediately give the transporter at least one copy of the signed manifest? [OAC 3745-54-71(A)(3); Condition B.24.] Yes No ___ N/A ___ RMK# ___

5. Does the permittee provide the generator with a copy of the manifest within 30 days of receipt of waste on-site? [OAC 3745-54-71(A)(4); Condition B.24.] Yes No ___ N/A ___ RMK# ___

6. Does the permittee retain a copy of each manifest on-site for at least three years from the date of delivery? [OAC 3745-54-71(A)(5); Condition B.24.] Yes No ___ N/A ___ RMK# ___

7. Has the permittee received any hazardous waste or mixed waste from off-site, other than as described in Condition B.2(b)? Yes ___ No N/A ___ RMK# ___

WASTE ANALYSIS/WASTE ANALYSIS PLAN

GENERAL REQUIREMENTS

1. Does the permittee have a detailed chemical and physical analysis of waste streams which contains all information which is necessary to properly treat, store or dispose of the waste in accordance with OAC Chapters 3745-54 to 3745-57 and Condition B.3 of the permit (Section C of the approved permit application)? [OAC 3745-54-13(A)(1)] Yes X No ___ N/A ___ RMK# ___
2. Since the last inspection, were any wastes generated by the facility which were unable to be characterized through process knowledge? If so, Yes X No ___ N/A ___ RMK# ___
- a. Were the waste analysis procedures described in Section C of the approved permit application followed? Yes X No ___ N/A ___ RMK# ___
3. Is the permittee following the procedures described in the approved waste analysis plan (Section C of approved permit application) and the requirements of OAC rule 3745-54-13? [Condition B.3.] Yes X No ___ N/A ___ RMK# ___
4. Is the permittee maintaining waste analysis data in the facility's operating record as required by OAC rule 3745-54-73 and Condition B.22. of the permit? Yes X No ___ N/A ___ RMK# ___

WASTE ANALYSIS QUALITY ASSURANCE REQUIREMENTS

5. Is the permittee verifying the analysis of each waste stream annually as part of its quality assurance program in accordance with SW-846? [Condition B.3.] Yes X No ___ N/A ___ RMK# ___
6. In accordance with Condition B.3. of the permit, does the permittee's quality assurance plan ensure that the permittee is, at a minimum:
- a. Maintaining property functional instruments? Yes X No ___ N/A ___ RMK# ___
- b. Using approved sampling/analytical methods? Yes X No ___ N/A ___ RMK# ___

c. Verifying the validity of sampling and analytical procedures and performance of correct calculations?

Yes No ___ N/A ___ RMK# ___

7. If the permittee uses a contract laboratory to perform analyses, did the permittee inform the laboratory in writing that it must operate under the waste analysis conditions set forth in this permit?

Yes No ___ N/A ___ RMK# ___

REMARKS

GENERAL INSPECTION REQUIREMENTS

1. Is the permittee following the inspection procedures and schedules described in Section F of the approved permit application and the requirements of OAC rule 3745-54-15? [Condition B.5.] Yes X No ___ N/A ___ RMK# ___
2. Does the permittee inspect the facility with such regularity as to identify problems resulting from deterioration, malfunctions, operator errors or discharges which may lead to a release of hazardous waste to the environment or a threat to human health? [OAC 3745-54-15(A)(1)(2)] Yes X No ___ N/A ___ RMK# ___
3. 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?
- a. Is the schedule kept at the facility? [OAC 3745-54-15(B)(2)] Yes X No ___ N/A ___ RMK# ___
- b. Does the schedule identify the types of problems which are to be looked for during the inspection? [OAC 3745-54-15(B)(3)] Yes X No ___ N/A ___ RMK# ___
- c. Does the schedule include inspection of areas subject to spills daily when in use and according to other applicable regulations when not in use? [OAC 3745-54-15(B)(4)] Yes X No ___ N/A ___ RMK# ___
4. Does the permittee remedy deterioration or any malfunctions discovered by an inspection as required by OAC rule 3745-54-15(C)? [Condition B.5.] Yes X No ___ N/A ___ RMK# ___
5. Is the permittee maintaining records of inspections for a minimum of three years? [Condition B.5.] Yes X No ___ N/A ___ RMK# ___
6. 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 X No ___ N/A ___ RMK# ___

- b. Signature of inspector? Yes No ___ N/A ___ RMK# ___
- c. Notation of observations made? Yes No ___ N/A ___ RMK# ___
- d. Date/nature of any repairs or other remedial actions? Yes No ___ N/A ___ RMK# ___

SECURITY PROVISIONS/FACILITY OPERATION

1. Is the permittee complying with the security provisions of OAC rule 3745-54-14(B)(1) and B(2) and (C) and Section F of the approved permit application, including the following: [Condition B.4.]
- a. Does the permittee have a 24-hour surveillance system which continuously monitors and controls entry onto the active portion of the facility? Yes No ___ N/A ___ RMK# ___
- b. An artificial or natural barrier (in good repair) which completely surrounds the active portion of the facility; or Yes No ___ N/A ___ RMK# ___
- c. A means to control entry, at all times, through gates or other entrances, to the active portion of the facility? Yes No ___ N/A ___ RMK# ___
2. In accordance with OAC rule 3445-54-14(C), does the permittee have signs reading "Danger-Unauthorized Personnel Keep Out" posted at each entrance and at other locations and in sufficient numbers to be seen when approaching the active portion of the facility? [Condition B.4.] Yes No ___ N/A ___ RMK# ___
3. Is construction, maintenance and operation of the facility being conducted to minimize the possibility of a fire, explosion, or unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, ground or surface waters? [Condition B.1.] Yes No ___ N/A ___ RMK# ___

PERSONNEL TRAINING

1. Is the facility conducting personnel training in accordance with Section H of the approved permit application and the following requirements of OAC rule 3745-54-16: [Condition B.6.]
- a. The facility provides personnel training which includes instruction in safe equipment operation and emergency procedures and implementation of the contingency plan? [OAC 3745-54-16(A)(B)(C)] Yes X No ___ N/A ___ RMK# ___
- b. The facility provides personnel training to new employees within six months after their date of employment as required by OAC 3745-54-16(B)? Yes X No ___ N/A ___ RMK# ___
- c. The facility provides an annual refresher training course as required by OAC rule 3745-54-16(B)? Yes X No ___ N/A ___ RMK# ___
2. Is the permittee maintaining personnel training records as required by OAC rule 3745-54-16(D) and of the approved application, including: written job titles, job descriptions and documented employee training records? [Condition B.6.] Yes X No ___ N/A ___ RMK# ___

REQUIRED EQUIPMENT

1. Is the permittee, at a minimum, maintaining the equipment set forth in the approved permit application (Section G) at the facility? [Condition B.9.] Yes X No ___ N/A ___ RMK# ___
2. Is the permittee inspecting, testing, and maintaining the equipment specified in Question #1 to assure its proper operation as specified in OAC rule 3745-54-33, the inspection plans and Section G of the approved permit application? [Condition B.10.] Yes X No ___ N/A ___ RMK# ___
3. Whenever hazardous waste is being managed at the facility, has the permittee provided all personnel involved in the operation with immediate access to an internal alarm or emergency communication device as required by OAC rule 3745-54-34 and Section G of the approved permit application? [Condition B.11.] Yes X No ___ N/A ___ RMK# ___

CONTINGENCY PLAN REQUIREMENTS

EMERGENCY PROCEDURES

1. In compliance with Condition B.13.(a) of the permit, does the permittee:
- a. Familiarize the emergency response agencies likely to respond to an emergency at the facility with:
 - i. The location and layout of the facility? Yes No ___ N/A ___ RMK# ___
 - ii. Properties of hazardous waste and mixed waste managed at the facility and associated hazards? Yes No ___ N/A ___ RMK# ___
 - iii. Places where facility personnel will normally be working? Yes No ___ N/A ___ RMK# ___
 - iv. Entrances to and roads inside the facility? Yes No ___ N/A ___ RMK# ___
 - v. Evacuation routes as depicted in Section G of the permit application? Yes No ___ N/A ___ RMK# ___
 - b. Inform emergency response agencies of safety equipment, supplies, proper emergency procedures that are applicable to the facility, and any further requirements imposed by the permit?; and Yes No ___ N/A ___ RMK# ___
 - c. Familiarize local police and fire departments, local hospitals and other local emergency services with the properties of hazardous waste and mixed waste managed at the facility and the types of injuries which could result from fires, explosions or a release of hazardous wastes at the facility? Yes No ___ N/A ___ RMK# ___
2. Is the permittee in compliance with the requirements of OAC rule 3745-54-56 and Section G of the approved permit application regarding emergency procedures? [Condition B.20.] Yes No ___ N/A ___ RMK# ___

EMERGENCY AUTHORITIES

3. Has a state or local agency declined to enter into the arrangements set forth in OAC rule 3745-54-37(A)? If so, Yes__ No N/A __ RMK# __
- a. Has the permittee documented the refusal in the operating record as required by OAC rule 3745-54-37(B)? [Condition B.13.(b)] Yes__ No__ N/A RMK# __
4. Has the permittee, in accordance with OAC rule 3745-54-53 submitted a copy of the approved contingency plan (including amendments, revisions or changes) to all local authorities, agencies and response contractors designated in the approved contingency plan? [Condition B.18.] Yes No__ N/A __ RMK# __
5. Has the permittee notified the agencies in Question #4, in writing, within ten days of the effective date of any amendments or revisions to the Plan? [Condition B.18.(b)] Yes No__ N/A __ RMK# __
6. 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 in accordance with OAC rule 3745-54-53? [Condition B.18.(c)] Yes No__ N/A __ RMK# __

EMERGENCY COORDINATOR

7. Is the permittee in compliance with the requirements of OAC rule 3745-54-55 with regard to the emergency coordinator? [Condition B.19.] Yes No__ N/A __ RMK# __

AMENDMENT OF PLAN

8. Is the permittee reviewing the approved contingency plan regularly and amending the plan immediately if needed in compliance with OAC rule 3745-54-54? [Condition B.17.] Yes No__ N/A __ RMK# __

Note: Also see Question #4 of RECORDKEEPING REQUIREMENTS to verify that any changes to the contingency plan were submitted in accordance with OAC rule 3745-50-51.

IMPLEMENTATION OF PLAN

9. Has there been a fire, explosion or release of hazardous waste or mixed waste or constituents at the facility since the last date of inspection as described by Condition B.14. of the permit? If so, Yes__ No X N/A __ RMK#__
- a. Did the permittee immediately implement the approved contingency plan and follow the emergency procedures described in OAC rule 3745-54-56? [Condition B.14.] Yes__ No__ N/A X RMK#__
- b. Did the permittee collect and manage released material, emergency response material and by-products as hazardous waste or mixed waste until making a demonstration to Ohio EPA that such materials are not subject to Ohio hazardous waste rules? [Condition B.16.] Yes__ No__ N/A X RMK#__
- c. Within 15 days of the incident did the permittee submit, to the director, a written report of the incident? If so, Yes__ No__ N/A X RMK#__
- i. Did the report contain the elements set forth in OAC rule 3745-54-56(J)? [Condition B.23.] **Note:** See also Conditions A.21. and A.22. of the permit for additional reporting/recordkeeping requirements. Yes__ No__ N/A X RMK#__
- d. 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? [Condition B.23.] Yes__ No__ N/A X RMK#__

REMARKS

CONTINGENCY PLAN REQUIREMENTS

CLOSURE PLAN/AMENDMENT

1. Is the permittee maintaining at the facility, the approved closure plan which contains the elements set forth in OAC rule 3745-55-12? [Condition B.29.] Yes No ___ N/A ___ RMK# ___
2. Has the permittee amended the closure plan? If so, Yes ___ No N/A ___ RMK# ___
- a. Has the plan been amended in accordance with OAC rule 3745-55-12(C)? [Condition B.28.] Yes ___ No ___ N/A RMK# ___

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

CLOSURE ACTIVITIES

3. Has the permittee closed the facility? If so, Yes ___ No N/A ___ RMK# ___
- a. Was closure conducted in accordance with the closure performance standard of OAC rule 3745-55-11? [Condition B.26.] Yes ___ No ___ N/A RMK# ___
- b. Did the permittee carry-out the approved closure plan as set forth in the permit application and terms and conditions of the permit? [Condition B.26.] Yes ___ No ___ N/A RMK# ___
- c. After receiving the final volume of hazardous waste, did the permittee remove from the facility all hazardous waste and mixed waste and complete closure activities in accordance with the schedule specified in the approved closure plan and as required by OAC rule 3745-55-13? [Condition B.31.] Yes ___ No ___ N/A RMK# ___
- d. Has the permittee decontaminated and/or disposed of all facility equipment, structures and soils as required by OAC rule 3745-55-14 and the approved closure plan? [Condition B.32.] Yes ___ No ___ N/A RMK# ___

e. Did the permittee notify Ohio EPA's Southeast District Office within five working days prior to all rinseate and soil sampling? [Condition B.32.(b)]

Yes__No__ N/A X RMK#__

f. Has the permittee certified that the facility has been closed in accordance with the specifications in the approved closure plan as required by OAC rule 3745-55-15? [Condition B.33.]

Yes__No__ N/A X RMK#__

REMARKS

REQUIREMENTS FOR IGNITABLE, REACTIVE OR INCOMPATIBLE WASTES

1. Is the permittee following the procedures as specified in OAC rules 3745-54-17, 3745-55-77 and Section F of the approved application when managing ignitable, reactive and/or incompatible wastes? [Conditions B.7.(a) and C.10. and C.11.] Yes X No ___ N/A ___ RMK# ___
2. Does the permittee **not** store incompatible waste **except** in accordance with OAC rules 3745-54-17(B) and 3745-55-77, and the terms and conditions of this permit? [Condition C.11.(a)] Yes X No ___ N/A ___ RMK# ___
3. Does the permittee take precautions to prevent placing hazardous waste or mixed waste in an unwashed container that previously held an incompatible waste or material? [Condition C.11.(b)] Yes X No ___ N/A ___ RMK# ___
4. Does the permittee ensure that all containers of incompatible wastes are physically separated from other incompatible wastes or materials by a wall, berm, dike, or other device in accordance with OAC rule 3745-55-77 and the Appendix to OAC rule 3745-55-99? [Condition C.11.(c)] Yes X No ___ N/A ___ RMK# ___
- a. Are all containers of aqueous hazardous acids (ph \leq 2) and caustics ph \geq 12.5) sorted on different pallets and physically separated in different rooms? [Condition C.11.(c)] Yes X No ___ N/A ___ RMK# ___
- b. Are aqueous acids and caustics in poly bottles, and other containers requiring nuclear criticality safety spacing physically separated in the same room by a dike? [Condition C.11.(c)] Yes X No ___ N/A ___ RMK# ___
- c. Are containers of cyanides and sodium metals being stored in rooms physically separate from other incompatible wastes or other incompatible materials? [Condition C.11.(c)] Yes X No ___ N/A ___ RMK# ___

5. Does the permittee provide electrical grounding for all containers, tanks and transport vehicles during all operations involving the handling of flammable and/or combustible wastes? [Condition B.7.(b)] Yes No ___ N/A ___ RMK# ___
6. Does the permittee provide and require the use of spark proof tools during all operations involving the handling of flammable and/or combustible wastes? [Condition B.7.(c)] Yes No ___ N/A ___ RMK# ___
7. Does the permittee prohibit smoking and open flames in areas where hazardous wastes are managed and post appropriate signs? [Condition B.7.(d)] Yes No ___ N/A ___ RMK# ___
8. As required by OAC rule 3745-55-76, does the permittee store containers of ignitable or reactive wastes greater than 15 meters (50 feet) away from the Portsmouth Gaseous Diffusion Plant reservation boundary? [Condition C.10.(a)] Yes No ___ N/A ___ RMK# ___

REMARKS

STORAGE OF HAZARDOUS WASTES IN CONTAINERS

NOTE: *The requirements of permit 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.*

1. Is the permittee storing in containers, only those wastes as specified in Section A of the Part B permit application? [Condition C.1.(a), C.2.] Yes No ___ N/A ___ RMK# ___

2. Does the permittee limit the total quantity of containerized waste in the container storage area to 133,000 gallons at any given time in the permitted container areas, located in building X-326? [Condition C.1.(a)] Yes No ___ N/A ___ RMK# ___

NOTE: *For the purposes of compliance with the capacity limitation of the permit, each container will be considered to be storing an amount of hazardous waste equal to its capacity. For example, a 55-gallon drum will be considered to be holding 55 gallons of waste, regardless of the actual quantity stored in the drum. [Condition C.1.(b)]*

3. When accumulating waste within the permitted X-326 container storage area, does the permittee ensure that the total amount of waste (both > 90 days and < 90 days) does not exceed the maximum container storage inventory established under Condition C.1.? [Condition C.1.(c)] Yes No ___ N/A ___ RMK# ___

4. Are hazardous wastes subject to regulation by the permit stored only at the designated container storage area described in the approved permit application? (See Section D of the permit application) [Condition C.1.(a)] Yes No ___ N/A ___ RMK# ___

5. Is each container stored clearly marked to identify its contents and the date each period of accumulation/storage begins? (See Section D of the permit application) [Condition C.3.] Yes No ___ N/A ___ RMK# ___

6. Does the permittee store hazardous waste in the types of containers described in Section D of the approved permit application? [Condition C.1.(a)] Yes No ___ N/A ___ RMK# ___

CONDITION OF CONTAINERS

8. Are containers holding hazardous wastes in good condition? [Condition C.3.] Yes No ___ N/A ___ RMK# ___
- a. If not, (e.g., severe rusting, structural defects) did the permittee transfer the hazardous waste from such a container to a container that is in good condition or otherwise manage the waste in a manner that complies with the conditions of the permit and OAC rule 3745-55-71? [Condition C.3.] Yes ___ No ___ N/A RMK# ___
9. Does the permittee ensure that all containers used at the facility are compatible with the hazardous waste to be stored in them as required by OAC rule 3745-55-72? [Condition C.4.] Yes No ___ N/A ___ RMK# ___
10. Is storage conducted in the container storage containment system as described in Condition C.1. of the permit and Section D of the approved permit application? [Condition C.5.(a)] Yes No ___ N/A ___ RMK# ___
11. Does the permittee keep all containers closed during storage except when it is necessary to add or remove waste as required by OAC rule 3745-55-73? [Condition C.5.(b)] Yes No ___ N/A ___ RMK# ___
12. Are lab-pack wastes handled in compliance with applicable storage requirements? [Condition C.5.(c)] Yes No ___ N/A ___ RMK# ___
13. Are lab-pack wastes packaged in drums containing absorbent material that is compatible with the wastes? [Condition C.5.(d)] Yes No ___ N/A ___ RMK# ___

INSPECTIONS

14. Is the permittee inspecting the container area weekly in accordance with OAC rules 3745-54-15, and 3745-54-73 and the approved inspection schedule (Section F) to detect leaking containers and deterioration of containers and the containment system? [Condition C.8.] Yes No ___ N/A ___ RMK# ___

a. Does the permittee note the results of these inspections in the inspection log along with any remedial action taken? [Condition C.8.] Yes No ___ N/A ___ RMK# ___

b. On days when containerized waste are added or removed to and/or from any of the permitted areas for storage, does the permittee conduct inspections as described in Section F of the approved Part B permit application and maintain the inspection results in the facility operating record? [Condition C.8.] Yes No ___ N/A ___ RMK# ___

CONTAINMENT SYSTEM

15. Does the permittee maintain the containment system as described in Section D of the approved Part B permit application, including: [Condition C.6.] Yes No ___ N/A ___ RMK# ___

a. Sufficient design to contain 10% of the total volume of the containers or the volume of the largest container, whichever is greater? [Condition C.6.(b)] Yes No ___ N/A ___ RMK# ___

b. A system which is free of gaps and sufficiently impervious to contain leaks and spills? Yes No ___ N/A ___ RMK# ___

c. Equipped with a coating which is compatible with each waste stored in the area? Yes No ___ N/A ___ RMK# ___

d. *For those wastes which are deemed incompatible with liner material:* Has the permittee installed a separate secondary containment structure within the existing structure which is equipped with a compatible liner? Yes ___ No ___ N/A RMK# ___

16. Has the permittee had a spill or leak of wastes or an accumulation of precipitation in the containment system? If so, Yes ___ No N/A ___ RMK# ___

a. Are spilled or leaked wastes and accumulated precipitation removed from the sump or collection area in a timely manner? [Condition C.6.(c)] Yes ___ No ___ N/A RMK# ___

b. Does removal of spilled/leaked wastes and accumulated precipitation occur within 24 hours from the time the spill or leak waste is discovered? [Condition C.6.(c)] Yes ___ No ___ N/A RMK# ___

REQUIRED AISLE SPACE

17. Is the permittee maintaining aisle space to allow unobstructed movement of personnel, fire protection equipment, spill control equipment and decontamination equipment in the event of an emergency to any area of the facility as required by OAC rule 3745-54-35? [Condition B.12.] Yes No ___ N/A ___ RMK# ___

CLOSURE AND POST-CLOSURE

18. At closure of the container storage area, did the permittee remove all hazardous waste, hazardous waste residues, mixed waste and mixed waste residues from the containment system, in accordance with the procedures set forth in the approved closure plan (Section I of the permit application)? [Condition C.13.(a)] Yes ___ No ___ N/A RMK# ___

19. During closure, if the permittee could not demonstrate that all contaminated soils could be removed, did the permittee close the unit and perform post-closure care following a plan approved by Ohio EPA? [Condition C.13.(b)] Yes ___ No ___ N/A RMK# ___

CONTAINER STORAGE OF RESIDUAL WASTE

20. Is the permittee complying with the provisions of Section C-2E of the application as amended pursuant to Condition B.2.(b) of this permit? Yes No ___ N/A ___ RMK# ___

LAND DISPOSAL RESTRICTION REQUIREMENTS
PROHIBITION AGAINST DILUTION

1. Has the permittee updated the annual Federal Facility Compliance Act Schedule? [OAC rule 3745-270-50; Condition B.36.] Yes No ___ N/A ___ RMK# ___
2. Does the entity dilute a restricted waste or a treatment residue from a restricted waste: [OAC rule 3745-270-40 through 49; Condition B.36.(c)] Yes ___ No N/A ___ RMK# ___
- a. As a substitute for adequate treatment to achieve compliance with LDR treatment standards? Yes ___ No ___ N/A RMK# ___
- b. To circumvent the effective date of a prohibition (e.g., to dilute a non-wastewater waste to a wastewater to avoid complying with the non-wastewater treatment standard)? Yes ___ No ___ N/A RMK# ___
- c. To otherwise avoid a prohibition in OAC rule 3745-270-30 through -39? Yes ___ No ___ N/A RMK# ___
- d. To otherwise avoid a prohibition imposed by Section 3004(d) of RCRA? Yes ___ No ___ N/A RMK# ___

NOTE: *If the answer to any of Questions 2(a) through 2(d) above is yes, the entity is impermissibly diluting a restricted waste and is in violation of OAC rule 3745-270-03 [Condition B.36.]. Dilution of wastes is permissible under some conditions. See OAC rule 3745-270-03(B).*

GENERATOR REQUIREMENTS

3. Has the generator adequately evaluated all wastes to determine if they are restricted from land disposal? [OAC rule 3745-270-07; Condition B.36.(e)] Yes No ___ N/A ___ RMK# ___
- a. **For determinations based solely on knowledge of the waste:** Is supporting data used to make this determination being retained on-site? [OAC rule 3745-270-07; Condition B.36.(e)] Yes No ___ N/A ___ RMK# ___

b. **For determinations based upon analytical testing:** Is a copy of waste analysis data being retained on-site? [OAC rule 3745-270-07; Condition B.36.(e)] Yes No ___ N/A ___ RMK# ___

4. Has the generator determined the correct treatability group for each waste restricted from land disposal (e.g., wastewater, non-wastewater, high arsenic, low arsenic, high zinc, low zinc, etc.)? [OAC rule 3745-270-07; Condition B.36.(e)] Yes No ___ N/A ___ RMK# ___

5. Has the generator correctly determined if restricted wastes meet or exceed treatment standards? [OAC rule 3745-270-07(A); Condition B.36.(e)] Yes No ___ N/A ___ RMK# ___

6. Does the entity generate any listed waste(s) which are restricted from land disposal? If so, Yes No ___ N/A ___ RMK# ___

a. Do such wastes also exhibit hazardous waste characteristics as identified in OAC rules 3745-51-20 to 3745-51-24? Yes No ___ N/A ___ RMK# ___

b. **For listed wastes which also exhibit a characteristic:** Does the generator also identify the appropriate treatment standard for the constituent(s) which cause the waste to exhibit the characteristic(s)? [OAC rule 3745-270-09(A)] Yes No ___ N/A ___ RMK# ___

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

NOTIFICATION/CERTIFICATION

7. **For wastes that do not meet treatment standards:** Has the generator submitted a one-time written notice to the treatment/storage facility receiving the wastes, that wastes being received do not meet treatment standards? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes No ___ N/A ___ RMK# ___

If so, does the notice including the following:

a. EPA hazardous waste number? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes No ___ N/A ___ RMK# ___

- b. Appropriate treatment standard for the waste? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes X No ___ N/A ___ RMK# ___
- c. The manifest number associated with the first shipment of waste? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes X No ___ N/A ___ RMK# ___
- d. Waste analysis data, where available? [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes X No ___ N/A ___ RMK# ___
- e. Applicable wastewater/non-wastewater category [OAC rule 3745-270-07(A)(2); Condition B.36.(j)] Yes X No ___ N/A ___ RMK# ___
- f. For hazardous debris, list the contaminants subject to treatment, as described in paragraph (B) of OAC rule 3745-270-45; and an indication that these contaminants are being treated to comply with OAC rule 3745-270-45. Yes X No ___ N/A ___ RMK# ___
- g. For contaminated soil list the constituents subject to treatment as described in paragraph (D) of OAC rule 3745-270-49, and the following statement: This contaminated soil [does/does not] contain listed hazardous waste and [does/does not] exhibit a characteristic of hazardous waste and [is subject to/complies with] the soil treatment standards as provided in paragraph (C) of OAC rule 3745-270-49 or the universal treatment standards. Yes X No ___ N/A ___ RMK# ___

8. **For wastes that meet treatment standards:** Does the generator submit a one-time written notice and certification to the treatment, storage or disposal facility receiving the wastes stating wastes being received meet applicable treatment standards? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes X No ___ N/A ___ RMK# ___

If so, does the notice/certification including the following:

- a. EPA hazardous waste identification number? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes X No ___ N/A ___ RMK# ___
- b. The corresponding treatment standards and applicable prohibitions for the waste? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes X No ___ N/A ___ RMK# ___

- c. The manifest number associated with the shipment of waste? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes No ___ N/A ___ RMK# ___
- d. Waste analysis data, where available? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes No ___ N/A ___ RMK# ___
- e. Is the certification signed by the generator or an authorized representative? [OAC rule 3745-270-07(A)(3); Condition B.36.(j)] Yes No ___ N/A ___ RMK# ___
- f. For contaminated soil list the constituents subject to treatment as described as described in paragraph (D) of OAC rule 3745-270-49, and the following statement: This contaminated soil [does/does not] contain listed hazardous waste and [does/does not] exhibit a characteristic of hazardous waste and [is subject to/complies with] the soil treatment standards as provided in paragraph (C) of OAC rule 3745-270-49 or the universal treatment standards. Yes No ___ N/A ___ RMK# ___
9. Does the generator retain on-site a copy of all notices, certifications, demonstrations and waste analysis data for at least three years? [OAC rule 3745-270-07(A)(8); Condition B.36.(j)] Yes No ___ N/A ___ RMK# ___

STORAGE OF LAND DISPOSAL RESTRICTED WASTES

NOTE: The following questions apply to operators of treatment, storage or disposal (TSD) facilities that accumulate LDR wastes that do not meet treatment standards in tanks or containers. A LQG who stores LDR wastes on-site for greater than 90 days becomes a operator of a storage facility and must comply with all applicable TSD requirements. SQGs become owners/operators of storage facilities if storage of LDR wastes exceeds 6,000 kg. or 180/270 days.

NOTE: The LDR storage prohibition does not apply to wastes which are subject to a national capacity variance, variance from the treatment standard or case-by-case extension during the period of extension/variance. The LDR storage prohibition also does not apply to wastes subject to a no-migration petition or to wastes which meet treatment standards. [OAC rule 3745-270-50(E); 40 CFR 268.50(e)]

10. Is the owner/operator storing LDR restricted wastes in containers? If so, is each container marked with the following information in accordance with OAC rule 3745-270-50(A)(2)(a) [Condition B.36(l)] Yes No ___ N/A ___ RMK# ___
- a. The identification of the contents? Yes No ___ N/A ___ RMK# ___

b. The date which accumulation began?

NOTE: *A TSD facility may store LDR wastes on-site for the purpose of accumulating a sufficient amount of waste for proper recovery, treatment or disposal. [OAC rule 3745-270-50(B)]. During the first of storage, the burden of proof is on Ohio EPA to demonstrate that such storage is not necessary by the facility. Following one year, the burden of proof shifts to the storage facility to demonstrate that such storage of LDR wastes is necessary to facilitate proper recovery, treatment or disposal.*

11. Are LDR wastes being stored at the facility for greater than one year? If so,

a. Has the owner/operator demonstrated that such storage is being conducted solely for the purpose of accumulating sufficient quantities of wastes necessary to facilitate proper recovery, treatment or disposal? [OAC rule 3745-270-50(B); Condition B.36(m)]

Yes No ___ N/A ___ RMK# ___