



Environmental
Protection Agency

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

Re: Toledo Police Indoor Range
Lucas County
OHD987033156
Hazardous Waste
Partial Return to Compliance

January 14, 2011

Sergeant Tom Kosmyna
City of Toledo
Department of Police Operations
2301 Nebraska Avenue
Toledo, Ohio 43607

Dear Sergeant Kosmyna:

Thank you for your December 21, 2010, and January 11, 2011, responses to Ohio EPA's November 30, 2010, Notice of Violation (NOV) letter. My review of the documentation submitted reveals that the Toledo Police Indoor Range (TPIR) has adequately demonstrated abatement of ten of the eleven violations cited in the November 30, 2010, NOV letter.

The following is a summary of the violations cited in the November 30, 2010, NOV as a result of our March 31, 2010, inspection and your compliance with respect to each:

1. ORC 3734.02 (E & F): Permitted Facilities for the Treatment, Storage, and Disposal of Hazardous Waste:

No person shall treat, store, or dispose of hazardous waste without a hazardous waste facility permit.

The TPIR currently has hazardous waste pre-filters on-site that have been stored for greater than 180 days. The log book where the filter changes are documented shows that the pre-filters were removed on March 26, 2010, and are therefore, over the 180 day storage limit.

In addition, the log book documents that on November 28, 2007, spent pre-filters were removed and stored for greater than 180 days. The TPIR also removed the spent pre-filters on July 1, 2008, along with the spent HEPA filters and placed them in the hazardous waste storage area along with the pre-filters that were removed on November 28, 2007. On September 30, 2008, 4,121 pounds of hazardous waste (D008), (2 sets of spent pre-filters and one set of spent HEPA filters) was shipped off-site for disposal at a hazardous waste landfill in Roachdale, IN.

The TPIR stored hazardous waste (D008) for greater than 180 days: November 28, 2007 to July 1, 2008 (216 days); and March 26, 2010 to present (approx. 249 days).

The TPIR must immediately dispose of the spent pre-filters (D008) that have been on-site for more than 180 days. The TPIR must properly label and date each container of hazardous waste and submit photographic documentation to Ohio EPA. In addition, a copy of the manifest, complete with land disposal restriction (LDR) forms, for this material must be submitted to Ohio EPA once the waste is transported off-site for disposal.

Since the TPIR violated ORC 3734.02(E&F), the TPIR is subject to all applicable general facility standards found in OAC Chapters 3745-54 and 55. Additionally, at any time Ohio EPA may assert its right to have the TPIR begin facility-wide cleanup pursuant to the Corrective Action process under Ohio law.

On December 21, 2010, the TPIR submitted a copy of the manifest and LDR form for five (5) skids, approximately 45 spent pre-filters, of hazardous waste (D008) that were shipped off-site for disposal on November 22, 2010. In addition, the TPIR submitted photographic documentation showing the hazardous waste storage room empty.

2. OAC Rule 3745-52-20(A): Manifest Requirements:

A generator who transports, or offers for transportation, hazardous waste for off-site treatment, storage, or disposal must prepare a uniform hazardous waste manifest, U.S. EPA form 8700-22 before transporting the hazardous waste off-site.

On February 13, 2007, and September 30, 2008, the TPIR shipped spent air handling system pre-filters and HEPA filters where analytical results for TCLP lead were 260 ppm and 280 ppm, respectively, which are both above the regulatory limit of 5.0 ppm, off-site without a manifest.

This violation is historical and cannot be remedied. The Indiana Department of Environmental Management may require the Heritage Environmental Services hazardous waste landfill in Roachdale, Indiana, to prepare an un-manifested waste report for the hazardous waste they received from the TPIR on February 13, 2007, and September 30, 2008. If this report is prepared, the TPIR must submit a copy of the un-manifested waste report to Ohio EPA for our records.

On December 21, 2010, the TPIR submitted a copy of a letter that was sent to Heritage Environmental Services in Indiana which notified them of the shipping error using a bill of lading rather than a hazardous waste manifest.

Therefore, this violation is abated.

3. OAC Rule 3745-52-34(D)(4), Container Management:

A generator may for one hundred eighty days or less, accumulate and/or conduct treatment of hazardous waste that is generated on-site without an Ohio hazardous waste permit provided that the waste is placed in containers that are labeled or marked clearly with the words "Hazardous Waste" while being accumulated and/or treated on-site.

The TPIR had approximately 45 spent air handling system pre-filters (D008) located in the outside hazardous waste storage area that were not marked with the words "Hazardous Waste."

The TPIR must properly label each spent air handling system pre-filter with the words "Hazardous Waste." To abate this violation, the TPIR must submit photographic documentation to show that all of the spent air handling system pre-filters in the outside hazardous waste storage area are properly labeled.

On December 21, 2010, the TPIR submitted information regarding the proper labeling of the spent air handling system filters. No spent filters are currently in storage and the TPIR has ordered labels to use for each spent filter when it is placed in the hazardous waste storage area. The TPIR plans to submit photographic documentation showing the filters properly labeled "hazardous waste" when some are placed in the hazardous waste storage area. Your compliance with the hazardous waste regulations may be assessed at a future unannounced inspection.

With this information, this violation has been abated.

4. OAC Rule 3745-52-34(D)(4), Accumulation time of hazardous waste:

A generator may, for one hundred eighty days or less, accumulate and/or conduct treatment of hazardous waste that is generated on-site without an Ohio hazardous waste permit provided that the waste is placed in containers that have the date upon which each period of accumulation begins clearly marked and visible for inspection on each container.

The TPIR had approximately 45 spent air handling system pre-filters (D008) located in the outside hazardous waste storage area that did not have an accumulation start date.

The TPIR must properly label each spent air handling system pre-filter with the accumulation start date. To abate this violation, the TPIR must submit photographic documentation to show that all of the spent air handling system pre-filters in the outside hazardous waste storage area are properly marked.

On December 21, 2010, the TPIR submitted information regarding the proper labeling of the spent air handling system filters. No spent filters are currently in storage and the TPIR has ordered labels to use for each spent filter when it is placed in the hazardous waste storage area. The TPIR plans to submit photographic documentation showing the filters properly labeled with the accumulation start date when some are placed in the hazardous waste storage area. Your compliance with the hazardous waste regulations may be assessed at a future unannounced inspection.

With this information, this violation has been abated.

5. **OAC Rule 3745-52-34(D)(5)(a): Emergency Coordinator:**

A generator must ensure that at all times there is at least one employee either on the premises or on call with the responsibility for coordinating all emergency response measures. This employee is the emergency coordinator.

The TPIR failed to have a designated emergency coordinator.

To abate this violation, the TPIR must ensure that at least one emergency coordinator is available at all times. The TPIR must submit a list of emergency coordinator(s) for the facility.

On December 21, 2010, the TPIR submitted a copy of the hazardous waste emergency information sheet. This sheet lists the names of the two designated emergency coordinators for the facility.

With this information, this violation has been abated.

6. **OAC Rule 3745-52-34(D)(5)(b): Preparedness and Prevention:**

A generator must post the following information next to the telephone: the name and telephone number of the emergency coordinator; location of fire extinguishers and spill control equipment, and if present, fire alarms; and the telephone number of the fire department, unless the facility has a direct alarm.

The TPIR failed to have the required information posted next to the telephone located nearest to the hazardous waste storage area.

To abate this violation, the TPIR must post the required information next to the telephone and submit a copy of the posted list. The TPIR must also submit photographic documentation to show that the list has been properly posted in this area.

On December 21, 2010, the TPIR submitted a copy of the emergency response information that is posted next to the telephone located nearest the hazardous waste storage area. In addition, photographic documentation was submitted showing the information posted on the wall next to the telephone.

With this information, this violation has been abated.

7. **OAC Rule 3745-52-34(D)(5)(c), Emergency Procedures/Preparedness and Prevention:**

A generator must ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.

The TPIR failed to properly train employees on proper waste handling and emergency procedures related to the wastes generated on-site.

To abate this violation, the TPIR must immediately provide training to all employees involved in the management of the hazardous waste. A copy of the training outline must be submitted for review. In addition, a copy of the sign-in sheets used to document employee attendance must be submitted.

On December 21, 2010, the TPIR submitted a copy of the information that was used for the hazardous waste training given on December 3, 2010 and December 10, 2010. The training was conducted by personnel from the City of Toledo, Division of Environmental Services and Heritage Environmental Services. Also submitted was a copy of the sign in sheets listing the names of the employees who attended the training sessions.

With this information, this violation has been abated.

8. OAC Rule 3745-65-33: Emergency Equipment:

All facility communications or alarm systems, spill control equipment and decontamination equipment must be tested and maintained as necessary to assure its proper operation in time of emergency. The owner or operator must record the inspections in a log or summary.

The TPIR does not test and maintain the emergency equipment to assure its proper operation in the event of an emergency. These tests are not recorded in a log. It is recommended that the log include the following information: date and time of test, name of person conducting the test, observations made and date/nature of any repairs.

To abate this violation, the TPIR must submit a copy of an internal policy regarding the testing and maintenance of all emergency equipment and the frequency of the inspections. The TPIR must submit a copy of a completed inspection log to verify compliance with this rule.

On December 21, 2010, the TPIR submitted a copy of the policy that outlines the procedures for testing and maintaining the emergency equipment at the facility. This information was reviewed with the employees responsible for maintaining the emergency equipment on December 13, 2010. The TPIR submitted a copy of a completed inspection log. In addition, photographs showing the emergency equipment now located near the hazardous waste storage was submitted.

With this information, this violation has been abated.

9. OAC Rule 3745-66-74: Inspections:

Container storage areas shall be inspected on a weekly basis looking for leaks and for deterioration. These inspections shall be recorded in an inspection log or summary. Ohio EPA interprets weekly to mean once within the seven-day period following the previous inspection.

The TPIR was not conducting weekly inspections of the hazardous waste storage area where the spent air handling system filters (D008) are stored.

To abate this violation, the TPIR must immediately begin conducting weekly inspections of the container storage area and submit four (4) weeks of completed inspection logs to this office.

On December 21, 2010, the TPIR submitted a copy of the policy that outlines the procedures for conducting weekly inspections of the hazardous waste storage area at the facility. This information was reviewed with the employees responsible for conducting the weekly inspections on December 13, 2010. Two weeks of completed weekly inspection logs for inspections conducted on 12/8/10 and 12/15/10, were also submitted. The TPIR was closed from 12/18/10 to 1/2/11. Since there was no hazardous waste in storage while the facility was closed, weekly inspections were not required.

On January 11, 2011, I spoke with you regarding the status of your weekly inspections. The TPIR has not conducted a filter change and probably will not have one until sometime in February 2011; therefore no hazardous waste is currently in storage. No additional weekly inspections are required at this time for the hazardous waste storage area. The Ohio EPA recommends that you continue conducting weekly inspections of the hazardous waste storage area. This practice will keep the TPIR in the habit of conducting weekly inspections after a filter change is made and hazardous waste is located in the storage area.

With this information, this violation has been abated.

10. **OAC Rule 3745-270-07(A)(1): Land Disposal Restrictions:**

A generator of a hazardous waste must determine if the waste has to be treated before it can be land disposed. This is done by determining if the hazardous waste meets the treatment standards by either testing the waste, or by using knowledge of the waste.

The TPIR failed to notify the disposal facility that the spent air handling system pre-filters and spent HEPA filters shipped to them for land disposal, did not meet the treatment standards.

To abate this violation, the TPIR must complete an LDR form and submit it to Heritage Environmental Services landfill located in Roachdale, Indiana. The TPIR must notify the landfill that they accepted a hazardous waste that was restricted from land disposal. The TPIR must also submit a copy of the LDR form to Ohio EPA.

On December 21, 2010, the TPIR submitted a copy of the manifest and LDR form for five (5) skids, approximately 45 spent pre-filters, of hazardous waste (D008) that were shipped off-site for disposal on November 22, 2010.

In addition, the TPIR notified Heritage Environmental on December 13, 2010, that a previous shipment (September 30, 2008) of spent air handling system filters utilized a bill of lading and should have been shipped on a hazardous waste manifest along with an LDR notification.

With this information, this violation has been abated.

11. **OAC Rule 3745-270-07(A)(2): Land Disposal Restrictions:**

With the initial shipment of waste to each treatment or storage facility, the generator must send a one-time LDR notification to each treatment or storage facility with the first shipment to that facility, and place a copy in the generator's file.

The TPIR failed to send the one-time LDR notification to the disposal facility where the spent air handling system pre-filters and spent HEPA filters were shipped for land disposal.

To abate this violation, the TPIR must complete the one-time LDR notification and submit it to Heritage Environmental Services landfill located in Roachdale, Indiana. The TPIR must also submit a copy of the LDR notification to Ohio EPA.

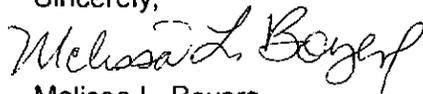
On December 21, 2010, the TPIR submitted a copy of the manifest and LDR form for five (5) skids, approximately 45 spent pre-filters, of hazardous waste (D008) that were shipped off-site for disposal on November 22, 2010. In addition, the TPIR notified Heritage Environmental on December 13, 2010, that the LDR form sent to them with the December 21, 2010, shipment of hazardous waste was their one-time LDR notification.

With this information, this violation has been abated.

Ohio EPA has helpful information about compliance assistance and pollution prevention at the following web address: <http://www.epa.ohio.gov/ocapp>. In addition, you can find copies of the rules and other information on the division's web page at: <http://www.epa.ohio.gov/dhwm/>.

Should you have any questions or if I can be of assistance, please contact me at (419) 373-3066.

Sincerely,



Melissa L. Boyers
Division of Hazardous Waste Management

//lr

pc: Cindy Lohrbach, DHWM, NWDO
Colleen Weaver, DHWM, NWDO
Tammy Heffelfinger, DHWM, CO
DHWM, NWDO Lucas County, Toledo Police Indoor Range File
ec: Melissa Boyers, DHWM, NWDO



OHD987033156-001-11/30/2010

Hazardous Waste

NOV

LUCAS

TOLEDO POLICE INDOOR RANGE

11/30/2010



**Environmental
Protection Agency**

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

Re: Toledo Police Indoor Range
Lucas County
OHD987033156
Hazardous Waste
Notice of Violation

November 30, 2010

Sergeant Tom Kosmyna
City of Toledo
Department of Police Operations
2301 Nebraska Avenue
Toledo, Ohio 43607

Dear Sgt. Kosmyna:

On March 31, 2010, Wendy Miller and I conducted a compliance evaluation inspection at the Toledo Police Indoor Range (TPIR) located at 2301 Nebraska Avenue in Toledo, Ohio. On April 21, 2010, I sent you a request for information letter regarding the spent air handling system filters. In the past, TPIR has generated spent air handling system filters as hazardous waste for lead (D008). However, the TPIR did not conduct an updated waste evaluation on the spent air handling system filters when the range switched over to using clean-fire ammunition in August 2004, and have continued to ship this waste stream off-site as a hazardous waste (D008). In my April 21, 2010, letter, I directed the TPIR to obtain a representative sample of the spent pre-filter and spent HEPA filter waste streams and have them analyzed for Toxic Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals (SW-846 Method 1311/6010).

On August 30, 2010, the TPIR submitted a sample of the pre-filter and a sample of the HEPA filter to their laboratory for proper waste evaluation. On September 22, 2010, the analytical results were submitted to Ohio EPA via electronic mail. The waste evaluation results indicate that the pre-filters and HEPA filters are hazardous due to TCLP concentrations of lead at 260 parts per million (ppm) and 280 ppm, respectively, which are both above the regulatory limit of 5.0 ppm.

On October 5, 2010, the TPIR submitted a copy of the page out of the log book where the filter changes are tracked. The filters referenced in the log that would be hazardous for lead are pre-filters 1, 2, and 3; and HEPA filters 1, 2, and 3. The intake filters only filter the outside air that enters the building. The last filter change indicated on the log occurred on March 26, 2010, and consisted of pre-filters 1, 2, and 3.

On October 6, 2010, the TPIR submitted additional information regarding the filters per Ohio EPA's request. There are three air handling units outside the rear of the range. Each unit contains a bank of pre-filters which is the first stage of filtration and then a bank of HEPA filters. The pre-filters are changed more often than the HEPA filters. Each air handling unit has 15 pre-filters (two sizes) and 12 HEPA filters (two sizes). On October 12, 2010, the TPIR submitted pages from the material safety data sheets (MSDS) for the pre-filters and HEPA filters showing the weight of each new filter and the sizes. The two sizes of pre-filters used are the following sizes: 12x24x12 that weigh 12 pounds each and 24x24x12 that weigh 18 pounds each.

Sergeant Tom Kosmyna
November 30, 2010
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The TPIR notified as a conditionally exempt small quantity generator (CESQG) of hazardous waste, however, as a result of the updated waste evaluation showing that the pre-filters and HEPA filters remain a hazardous waste, TPIR is actually operating as a small quantity generator (SQG) of hazardous waste.

An SQG generates between 220 pounds and 2,200 pounds of hazardous waste in a calendar month. Based upon the weight of the pre-filters as indicated by the MSDS', the TPIR became a SQG when the spent pre-filters were removed on March 26, 2010, and placed in the hazardous waste storage area.

As a result of the change in your generator status, I found the following violations of Ohio's hazardous waste rules. 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. ORC 3734.02 (E & F): Permitted Facilities for the Treatment, Storage, and Disposal of Hazardous Waste:

No person shall treat, store, or dispose of hazardous waste without a hazardous waste facility permit.

The TPIR currently has hazardous waste pre-filters on-site that have been stored for greater than 180 days. The log book where the filter changes are documented shows that the pre-filters were removed on March 26, 2010, and are therefore, over the 180 day storage limit.

In addition, the log book documents that on November 28, 2007, spent pre-filters were removed and stored for greater than 180 days. The TPIR also removed the spent pre-filters on July 1, 2008, along with the spent HEPA filters and placed them in the hazardous waste storage area along with the pre-filters that were removed on November 28, 2007. On September 30, 2008, 4,121 pounds of hazardous waste (D008), (2 sets of spent pre-filters and one set of spent HEPA filters) was shipped off-site for disposal at a hazardous waste landfill in Roachdale, IN.

The TPIR stored hazardous waste (D008) for greater than 180 days: November 28, 2007 to July 1, 2008 (216 days); and March 26, 2010 to present (approx. 249 days).

The TPIR must immediately dispose of the spent pre-filters (D008) that have been on-site for more than 180 days. The TPIR must properly label and date each container of hazardous waste and submit photographic documentation to Ohio EPA. In addition, a copy of the manifest, complete with land disposal restriction (LDR) forms, for this material must be submitted to Ohio EPA once the waste is transported off-site for disposal.

Since the TPIR violated ORC 3734.02(E&F), the TPIR is subject to all applicable general facility standards found in OAC Chapters 3745-54 and 55. Additionally, at any time Ohio EPA may assert its right to have the TPIR begin facility-wide cleanup pursuant to the Corrective Action process under Ohio law.

2. OAC Rule 3745-52-20(A): Manifest Requirements:

A generator who transports, or offers for transportation, hazardous waste for off-site treatment, storage, or disposal must prepare a uniform hazardous waste manifest, U.S. EPA form 8700-22 before transporting the hazardous waste off-site.

On February 13, 2007, and September 30, 2008, the TPIR shipped spent air handling system pre-filters and HEPA filters where analytical results for TCLP lead were 260 ppm and 280 ppm, respectively, which are both above the regulatory limit of 5.0 ppm, off-site without a manifest.

This violation is historical and cannot be remedied. The Indiana Department of Environmental Management may require the Heritage Environmental Services hazardous waste landfill in Roachdale, Indiana, to prepare an un-manifested waste report for the hazardous waste they received from the TPIR on February 13, 2007, and September 30, 2008. If this report is prepared, the TPIR must submit a copy of the un-manifested waste report to Ohio EPA for our records.

3. OAC Rule 3745-52-34(D)(4), Container Management:

A generator may for one hundred eighty days or less, accumulate and/or conduct treatment of hazardous waste that is generated on-site without an Ohio hazardous waste permit provided that the waste is placed in containers that are labeled or marked clearly with the words "Hazardous Waste" while being accumulated and/or treated on-site.

The TPIR had approximately 45 spent air handling system pre-filters (D008) located in the outside hazardous waste storage area that were not marked with the words "Hazardous Waste."

The TPIR must properly label each spent air handling system pre-filter with the words "Hazardous Waste." To abate this violation, the TPIR must submit photographic documentation to show that all of the spent air handling system pre-filters in the outside hazardous waste storage area are properly labeled.

4. OAC Rule 3745-52-34(D)(4), Accumulation time of hazardous waste:

A generator may, for one hundred eighty days or less, accumulate and/or conduct treatment of hazardous waste that is generated on-site without an Ohio hazardous waste permit provided that the waste is placed in containers that have the date upon which each period of accumulation begins clearly marked and visible for inspection on each container.

The TPIR had approximately 45 spent air handling system pre-filters (D008) located in the outside hazardous waste storage area that did not have an accumulation start date.

The TPIR must properly label each spent air handling system pre-filter with the accumulation start date. To abate this violation, the TPIR must submit photographic documentation to show that all of the spent air handling system pre-filters in the outside hazardous waste storage area are properly marked.

5. OAC Rule 3745-52-34(D)(5)(a): Emergency Coordinator:

A generator must ensure that at all times there is at least one employee either on the premises or on call with the responsibility for coordinating all emergency response measures. This employee is the emergency coordinator.

The TPIR failed to have a designated emergency coordinator.

To abate this violation, the TPIR must ensure that at least one emergency coordinator is available at all times. The TPIR must submit a list of emergency coordinator(s) for the facility.

6. OAC Rule 3745-52-34(D)(5)(b): Preparedness and Prevention:

A generator must post the following information next to the telephone: the name and telephone number of the emergency coordinator; location of fire extinguishers and spill control equipment, and if present, fire alarms; and the telephone number of the fire department, unless the facility has a direct alarm.

The TPIR failed to have the required information posted next to the telephone located nearest to the hazardous waste storage area.

To abate this violation, the TPIR must post the required information next to the telephone and submit a copy of the posted list. The TPIR must also submit photographic documentation to show that the list has been properly posted in this area.

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The TPIR failed to properly train employees on proper waste handling and emergency procedures related to the wastes generated on-site.

To abate this violation, the TPIR must immediately provide training to all employees involved in the management of the hazardous waste. A copy of the training outline must be submitted for review. In addition, a copy of the sign-in sheets used to document employee attendance must be submitted.

8. OAC Rule 3745-65-33: Emergency Equipment:

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The TPIR does not test and maintain the emergency equipment to assure its proper operation in the event of an emergency. These tests are not recorded in a log. It is recommended that the log include the following information: date and time of test, name of person conducting the test, observations made and date/nature of any repairs.

To abate this violation, the TPIR must submit a copy of an internal policy regarding the testing and maintenance of all emergency equipment and the frequency of the inspections. The TPIR must submit a copy of a completed inspection log to verify compliance with this rule. An example log is enclosed for your review.

9. OAC Rule 3745-66-74: Inspections:

Container storage areas shall be inspected on a weekly basis looking for leaks and for deterioration. These inspections shall be recorded in an inspection log or summary. Ohio EPA interprets weekly to mean once within the seven-day period following the previous inspection.

The TPIR was not conducting weekly inspections of the hazardous waste storage area where the spent air handling system filters (D008) are stored.

To abate this violation, the TPIR must immediately begin conducting weekly inspections of the container storage area and submit four (4) weeks of completed inspection logs to this office. An example log is enclosed for your review.

10. OAC Rule 3745-270-07(A)(1): Land Disposal Restrictions:

A generator of a hazardous waste must determine if the waste has to be treated before it can be land disposed. This is done by determining if the hazardous waste meets the treatment standards by either testing the waste, or by using knowledge of the waste.

The TPIR failed to notify the disposal facility that the spent air handling system pre-filters and spent HEPA filters shipped to them for land disposal, did not meet the treatment standards.

To abate this violation, the TPIR must complete an LDR form and submit it to Heritage Environmental Services landfill located in Roachdale, Indiana. The TPIR must notify the landfill that they accepted a hazardous waste that was restricted from land disposal. The TPIR must also submit a copy of the LDR form to Ohio EPA.

11. OAC Rule 3745-270-07(A)(2): Land Disposal Restrictions:

With the initial shipment of waste to each treatment or storage facility, the generator must send a one-time LDR notification to each treatment or storage facility with the first shipment to that facility, and place a copy in the generator's file.

The TPIR failed to send the one-time LDR notification to the disposal facility where the spent air handling system pre-filters and spent HEPA filters were shipped for land disposal.

Sergeant Tom Kosmyna
November 30, 2010
Page 6

To abate this violation, the TPIR must complete the one-time LDR notification and submit it to Heritage Environmental Services landfill located in Roachdale, Indiana. The TPIR must also submit a copy of the LDR notification to Ohio EPA.

Ohio EPA has helpful information about compliance assistance and pollution prevention at the following web address: <http://www.epa.ohio.gov/ocapp>. In addition, you can find copies of the rules and other information on the division's web page at: <http://www.epa.ohio.gov/dhwm/>.

Enclosed you will find a copy of the checklists that I completed.

Should you have any questions or if I can be of assistance, please contact me at (419) 373-3066.

Sincerely,



Melissa L. Boyers
Division of Hazardous Waste Management

/llr

pc: Cindy Lohrbach, DHWM, NWDO
Colleen Weaver, DHWM, NWDO
DHWM, NWDO Lucas County, Toledo Police Indoor Range File

ec: Melissa Boyers, DHWM, NWDO

Notice:

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

Send to Central Office <input type="checkbox"/>	Ohio Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION/VERIFICATION FORM	For Ohio EPA use only
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Completed verification forms required to be submitted to CO should be e-mailed to paula.canter@epa.state.oh.us.

Site EPA ID No. Site Name Site Location Information Site Land Type (check only one) NAICS code(s) www.census.gov/epcd/www/naics.html	EPA ID Number: OHR000141341 Name: Toledo Police Indoor Range Website: (Optional) Street Address: 2301 Nebraska Avenue City, Town, or Village: Toledo State: OH County Name: Lucas Zip Code: 43607 <table style="width:100%; border: none;"> <tr> <td style="border: none;">Private <input type="checkbox"/></td> <td style="border: none;">County <input type="checkbox"/></td> <td style="border: none;">District <input type="checkbox"/></td> <td style="border: none;">Federal <input type="checkbox"/></td> <td style="border: none;">Indian <input type="checkbox"/></td> <td style="border: none;">Municipal <input checked="" type="checkbox"/></td> <td style="border: none;">State <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> </table>	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>
Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>		

Facility Representative Additional names can be recorded in number 12 Only provide address information if it is different than the site address	First Name: Tom MI: Last Name: Kosmyna Title: Sergeant Phone Number: 419-936-2934 Phone Number Extension: E-Mail Address: Fax Number: Fax Number Extension: Street or P.O. Box: City, Town or Village: State: Zip Code:
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Legal Owner And Operator of the Site. List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Name of Site's Legal Owner: City of Toledo Date Became Owner (mm/dd/yyyy): <table style="width:100%; border: none;"> <tr> <td style="border: none;">Owner Type:</td> <td style="border: none;">Private <input type="checkbox"/></td> <td style="border: none;">County <input type="checkbox"/></td> <td style="border: none;">District <input type="checkbox"/></td> <td style="border: none;">Federal <input type="checkbox"/></td> <td style="border: none;">Indian <input type="checkbox"/></td> <td style="border: none;">Municipal <input checked="" type="checkbox"/></td> <td style="border: none;">State <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> </table> Street or P.O. Box: 1 Government Center, Suite 2220 City, Town or Village: Toledo Owner Phone #: State: Ohio Country: Zip Code: 43604 Name of Site's Operator: Date Became Operator (mm/dd/yyyy): <table style="width:100%; border: none;"> <tr> <td style="border: none;">Operator Type:</td> <td style="border: none;">Private <input type="checkbox"/></td> <td style="border: none;">County <input type="checkbox"/></td> <td style="border: none;">District <input type="checkbox"/></td> <td style="border: none;">Federal <input type="checkbox"/></td> <td style="border: none;">Indian <input type="checkbox"/></td> <td style="border: none;">Municipal <input type="checkbox"/></td> <td style="border: none;">State <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> </table> Street or P.O. Box: City, Town or Village: Operator Phone #: State: Country Zip Code:	Owner Type:	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>	Operator Type:	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>
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Operator Type:	Private <input type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>											

VIOLATIONS CITED?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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TYPE OF HANDLER - MARK "X" AS APPROPRIATE		
<input type="checkbox"/> Not a HW Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11 <input type="checkbox"/> Short-Term Generator (generates from a short-term or one-time event and not from on-going processes). <i>Check the box for the applicable generator status and provide a comment.</i>	<input type="checkbox"/> Large Quantity Generator (LQG) <input checked="" type="checkbox"/> Small Quantity Generator (SQG) <input type="checkbox"/> Conditionally Exempt Small Quantity Generator <input type="checkbox"/> U.S. Importer of Hazardous Waste <input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator

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

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

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

Small Quantity Handler of Universal Waste Destination Facility for Universal Waste

Large Quantity Handler of Universal Waste
(accumulates 5,000 kg. or more)

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

Batteries
 Pesticides
 Mercury containing equipment
 Lamps

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

Used Oil Generator
 Used Oil Transporter
 Used Oil Transfer Facility
 Used Oil Processor
 Used Oil Re-refiner
 Off-Specification Used Oil Burner
 Used Oil Fuel Marketer who directs shipment of Off-Spec Used Oil
 Used Oil Fuel Marketer who first claims the Used Oil meets the specifications

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

D008

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

Announced Yes No Additional Facility Representatives:

Tanks Yes No

Containers Yes No

Name of Inspector(s) Name of Inspector(s) Date of Inspection/Time
Melissa Boyers **Wendy Miller** **03/31/2010 11:50**

Comments:
Form updated November 2010, once updated analytical results were submitted.

PROCESS DESCRIPTION/WASTE ACTIVITIES SUMMARY

Facility Name: Toledo Police Indoor Range

Facility Type: LQG/SQG/CESQG/TSD

EPA ID#: OHD987033156

Description of Waste				On-Site Management			Off-Site Management
Process/Activity Generating Waste (e.g. plating bath, machining, baghouse, painting, etc)	Waste Generated (e.g. sludge, spent solvent, ash, etc)	EPA Waste Code	QTY Generated per Month	Type of Accumulation/Storage (e.g. container, tank, etc)	Type of On-Site Treatment (recycle, wwt, etc)	Waste Location (Include map if possible)	Name, state, and type of activity occurring at the facility.
1	Lighting	Spent Fluorescent Bulbs					Managing them as universal waste. Spent bulbs taken to Police Safety Building for storage. Heritage Environmental picks them up for recycling.
2	Indoor Air Filtration System	Spent Pre-Filters	D008	Filters changed once every 1-2 years			Heritage Environmental Last shipment was on 9/30/08
3	Indoor Air Filtration System	Spent HEPA Filters	D008	Filters changed once every 1-2 years			Heritage Environmental Last shipment was on 9/30/08
4							

**SMALL QUANTITY GENERATOR REQUIREMENTS
COMPLETE AND ATTACH A PROCESS, WASTE, P2 SUMMARY SHEET**

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

Safety Equipment Used:

GENERAL REQUIREMENTS

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
2.	Has the generator obtained a U.S. EPA I.D. number? [3745-52-12]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
3.	Has the generator transported or caused to be transported hazardous waste to other than a facility authorized to manage the hazardous waste? [ORC 3734.02 (F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
4.	Has the generator disposed of hazardous waste on-site without a permit or at another facility other than a facility authorized to dispose of hazardous waste? [ORC 3734.02 (E) & (F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
5.	Does the generator accumulate hazardous waste?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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

6.	Has the generator accumulated hazardous wastes <u>in excess of (180/270) days</u> without a permit or an extension from the Director? [3745-52-34; ORC §3734-02(E)&(F)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: SQG's shipping waste to a facility greater than 200 miles away can accumulate on-site for 270 days. [3745-52-34 (E)]

7.	Is the generator accumulating more than 6,000 kg on site? [3745-52-34(D)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: 6,000 kg = approximately 27, 55-gallon drums. If the facility is accumulating waste for greater than 180/270 days without an extension/permit or is accumulating greater than 6,000 kg on-site, it is classified as a storage facility and TSD standards apply. Complete applicable TSD checklists.

8.	Does the generator treat hazardous waste in a:	
	a. Container that meets 3745-66-70 to 3745-66-77?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b. Tank that meets 3745-66-101?	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.

MANIFEST REQUIREMENTS

9.	Are all hazardous wastes either reclaimed under a contractual agreement as defined in OAC rule 3745-52-20(E), or shipped off-site accompanied by a manifest (U.S. EPA Form 8700-22)? [3745-52-20(A)(1)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
10.	Are wastes reclaimed under a contractual agreement? If so: [3745-52-0(E)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a. Does the contractual agreement specify the type of waste and frequency of shipment?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b. Is the transport vehicle owned and operated by the reclaimer?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

c.	Is a copy of the reclamation agreement kept on-site for at least three years after termination/expiration of the agreement?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: If wastes are reclaimed under a contractual agreement and an answer to questions 10(a) through 10(c) is no, the generator is in violation of 3745-52-20 (A) (B) & (D), 3745-52-22 and 3745-52-23. Even if the waste is being reclaimed under agreement, LDRs still apply. Complete LDR checklist.		
11.	Have items 1 through 20 of each manifest been completed? [3745-52-20(A)(1)] & [3745-52-27(A)] Hazmat Bill of Lading/Manifest used	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations, items (21) through (35) must also be complete. [3745-52-20(A)(1)]		
12.	Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: The generator may designate on the manifest one alternative facility to handle the waste in the event of an emergency which prevents the delivery of waste to the primary designated facility. [3745-52-20(C)]		
13.	If the transporter was unable to deliver a shipment of hazardous waste to the designated facility did the generator designate an alternative TSD facility or give the transporter instructions to return the waste? [3745-52-20(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
14.	Have the manifests been signed by the generator and initial transporter? [3745-52-23 (A) (1) and (2)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have made a good faith effort to minimize their waste generation.		
15.	If the generator did not receive a return copy of each completed manifest within 60 days of being accepted by the transporter did the generator submit to Ohio EPA, a copy of the manifest with some indication that the generator has not received confirmation of delivery? [3745-52-42(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
16.	Are signed copies of all manifests being retained for at least three years? [3745-52-40]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
NOTE: Waste generated at one location and transported along a publicly accessible road for temporary consolidated storage or treatment on a contiguous property also owned by the same person is not considered "on-site" and manifesting and transporter requirements must be met. To transport "along" a public right-of-way the destination facility has to act as a transfer facility or have a permit because this is considered to be "off-site." For additional information see the definition of "on-site" in OAC rule 3745-50-10.		
PREPAREDNESS AND PREVENTION		
17.	Is an emergency coordinator available at all times (on-site or on-call)? [3745-52-34(D)(5)(a)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
18.	Has the following been posted by the telephone: [3745-52-34(D)(5)(b)]	
	a. Name and telephone number of emergency coordinator?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	b. Location of fire and spill control equipment, and, if present, fire alarm(s)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	c. Telephone number of local fire department?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
19.	Are employees familiar with waste handling and emergency procedures? [3745-52-34(D)(5)(c)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
20.	Has the facility properly responded to all fires and spills? [3745-52-34(D)(5)(d)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
21.	Is the facility operated to minimize the possibility of fire, explosion, or any unplanned sudden or nonsudden release of hazardous waste? [3745-65-31]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
22.	Does the generator have the following equipment at the facility if it is required due to actual hazards associated with the waste:	
	a. Internal Alarm system? [3745-65-32(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	b. Emergency communication device? [3745-65-32(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

	c.	Portable fire control, spill control and decon equipment? [3745-65-32(C)]?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	d.	Water of adequate volume/pressure per documentation or facility rep? [3745-65-32(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
23.		Is emergency equipment tested (inspected) as necessary to ensure its proper operation in time of emergency? [3745-65-33]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Are inspections recorded in a log or summary? [3745-65-33]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
24.		Do personnel have immediate access to an internal alarm or emergency communication device when handling hazardous waste (<i>unless the device is not required under OAC 3745-65-32</i>)? [3745-65-34(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
25.		If there is only one employee on the premises is there immediate access to a device (ex. phone, hand-held two-way radio) capable of summoning external emergency assistance (<i>unless not required under OAC 3745-65-32</i>)? [3745-65-34(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
26.		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"/>
27.		Has the generator attempted to familiarize emergency authorities with possible hazards and facility layout? [3745-65-37(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
28.		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			
29.		Does the generator ensure that satellite accumulation area(s): None	
	a.	Are at or near a point of generation? [3745-52-34(C)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b.	Are under the control of the operator of the process generating the waste? [3745-52-34(C)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c.	Do not exceed a total of 55 gallons of hazardous waste per waste stream? [3745-52-34(C)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d.	Do not exceed one quart of acutely hazardous waste at any one time? [3745-52-34(C)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	e.	Containers are closed, in good condition and compatible with wastes stored in them? [3745-52-34(C)(1)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	f.	Containers are marked with the words "Hazardous Waste" or other words identifying the contents? [3745-52-34(C)(1)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
30.		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 type="checkbox"/> N/A <input checked="" 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 the 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			
31.		Has the generator marked containers with the words "Hazardous Waste?" [3745-52-34(D)(4)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
32.		Is the accumulation date on each container? [3745-52-34(D)(4)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

33.	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"/>

NOTE: Record location on process summary sheets and photograph the area.

34.	Is the container accumulation area(s) inspected at least weekly? [3745-66-74] Per ORC§1.44(A) "Week" means seven(7) consecutive days.		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
	a.	Are inspections recorded in a log or summary? [3745-66-74]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
35.	Are containers of incompatible wastes stored separately from each other by means of a dike, berm, wall or other device? [3745-66-77(C)]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
36.	If the generator places incompatible wastes, or incompatible wastes and materials in the same container, is it done in accordance with 3745-65-17(B)? [3745-66-77(A)]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
37.	If the generator places hazardous waste in an unwashed container that previously held an incompatible waste, is it done in accordance with 3745-65-17(B)? [3745-66-77(B)]		Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: OAC 3745-65-17(B) requires that the generator treat, store, or dispose of ignitable or reactive waste, and the mixture or commingling of incompatible wastes, or incompatible wastes and materials so that it does not create undesirable conditions or threaten human health or the environment.

PRE-TRANSPORT REQUIREMENTS

38.	Does each generator package/label its hazardous waste in accordance with the applicable DOT regulations? [3745-52-30, 3745-52-31 and 3745-52-32(A)]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
39.	Does each container ≤119 gallons have a completed hazardous waste label? [3745-52-32(B)]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
40.	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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
<p><i>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).</i></p>		
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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
5.	Does the generator generate a listed HW that exhibits a characteristic? If yes,	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Did the generator determine if the listed HW exhibits a characteristic that is not treated under the LDR treatment standard for the listed HW? [3745-270-09(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p><i>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.</i></p>		
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 type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p><i>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.</i></p> <p><i>NOTE: Written documentation of this determination is not required.</i></p>		
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"/>
<p><i>NOTE If Yes, see question #16.</i></p>		
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 type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
10.	Does the generator have a copy of the LDR notification form on file?[3745-270-07(A)(2)]	Yes <input type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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NOTE: Subcategories are found on the LDR treatment standards table under the applicable waste code. Not all HWs have subcategories

f.	A listing of the underlying hazardous constituents for which a characteristic waste must be treated? [3745-270-07(A)(2)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: Not required if the waste is high TOC D001 or the TSD tests its treatment residues for all underlying hazardous constituents.

g.	If the HW is F001-F005 or F039, did the generator note on the LDR form what solvents or constituents, respectively, the waste contains and must be treated for?[3745-270-07(A)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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NOTE: Not required if the TSD tests its treatment residues for all underlying hazardous constituents.

PROHIBITED DILUTION

12.	Is the HW treated by burning? If No, go to #15.	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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13.	Is the HW a metal-bearing HW?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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NOTE: Generally, metal-bearing HWs contain heavy metals above TCLP levels or were listed due to the presence of metals. A list of the restricted metal-bearing HWs are given in the Appendix to 3745-270-03.

14.	a.	Metal-bearing HWs cannot be incinerated, combusted or, blended and burned for fuel unless one of the following conditions apply. [3745-270-03(c)]	
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	i.	Contains > 1% TOC?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	ii.	Contains organic constituents or cyanide at levels greater than the UST levels?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	iii.	Is made up of combustible material e.g., paper, wood, plastic?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	iv.	Has a reasonable heating value (e.g., > 5000 Btu)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	v.	Co-generated with a HW that must be combusted?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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	b.	If all responses to 14 a.i. through 14 a.v. are No, HW is being improperly treated by dilution, violation of 3745-270-03(C). Is HW being treated by dilution?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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15.	Was the HW treated by wastewater treatment?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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	a.	Is a LDR treatment method, other than DEACT or a numerical value, specified for the waste? [3745-270-03(B) and 3745-270-40(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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NOTE: If Yes, HW is improperly being treated by dilution.

	b.	Does the waste carry the D001 code <u>and</u> contain $\geq 10\%$ TOC?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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	c.	Does the wastewater treatment process include a process to separate/recover the organic phase of the waste?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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NOTE: If the answers to b & c are yes and no, respectively, waste is improperly being treated by dilution and generator is in violation of [3745-270-03(B) and 3745-270-40(A)(3)].

NOTE: A list of separation/recovery processes are given in 3745-270-42 under RORG.

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