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State of Ohio Environmental Protection Agency

FILE COPY

STREET ADDRESS:

Central District Office

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Columbus, Ohio 43215

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www.epa.state.oh.us

P.O. Box 1049  
Columbus, OH 43216-1049

August 7, 2007

Re: Fairfield County  
Columbia Gas Transmission  
Crawford Compressor Station  
OHD986974921  
SQG

Mr. Tim Burton  
Columbia Gas Transmission  
Crawford Compressor Station  
6175 Old Logan Road  
Sugar Grove, OH 43155

Dear Mr. Burton:

Thank you for accompanying me during Ohio EPA's July 24, 2007 inspection of Columbia Gas Transmission Crawford Compressor Station (CCS) in Sugar Grove, Ohio. I inspected CCS to determine its compliance with Ohio's hazardous waste, universal waste and used oil laws as found in Chapter 3734. of the Ohio Revised Code (ORC) and Chapter 3745. of the Ohio Administrative Code (OAC). Ohio EPA's inspection included a review of the company's operations and written documentation.

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

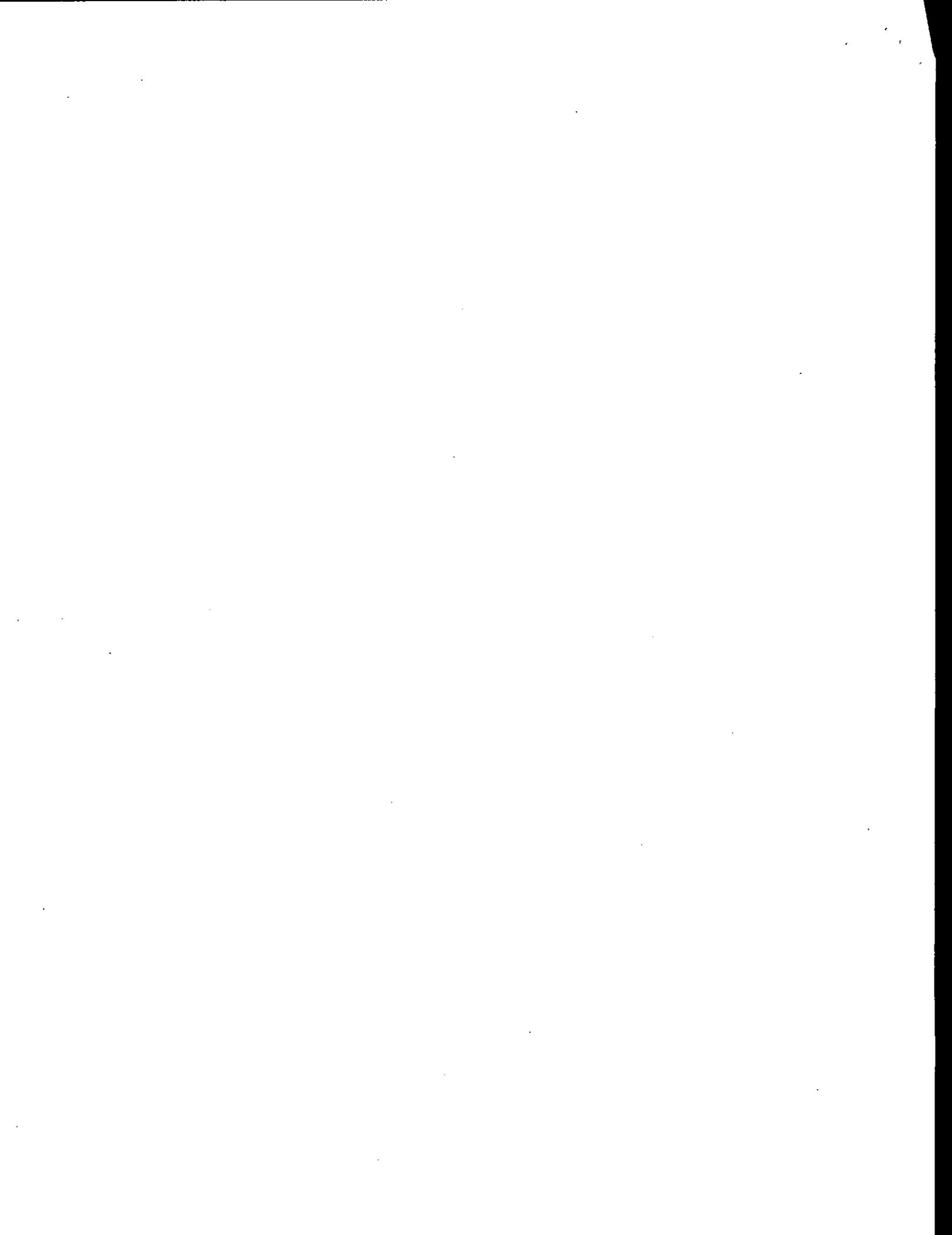
- OAC Rule 3745-273-13 (D)(1), Universal Waste Lamps:** A small quantity handler of universal waste must contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of the lamps. Such containers and packages must remain closed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

Although most of CCS' used fluorescent bulbs were in closed containers, there was some of the used bulbs that were not in a closed container.

- CCS must place the bulbs in the box or container and properly close it. On July 25, CCS submitted a photo of all of the used fluorescent bulbs in closed containers. The violation was bated at that time.

Enclosed you will find a copy of the checklists and process description. Should you have any questions, please feel free to call me at (614) 728-3882.

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



Mr. Tim Burton  
Columbia Gas Transmission  
Crawford Compressor Station  
Page -2-

Additionally, our website, [www.epa.state.oh.us/dhwm](http://www.epa.state.oh.us/dhwm), provides copies of Ohio hazardous waste rules, and the Office of Compliance Assistance and Pollution Prevention website, <http://www.epa.state.oh.us/opp/ocapp.html>, provides industry-specific pollution prevention information.

Sincerely,



Elizabeth D. Lamerson  
Environmental Specialist  
Division of Hazardous Waste Management  
Ohio EPA, Central District Office

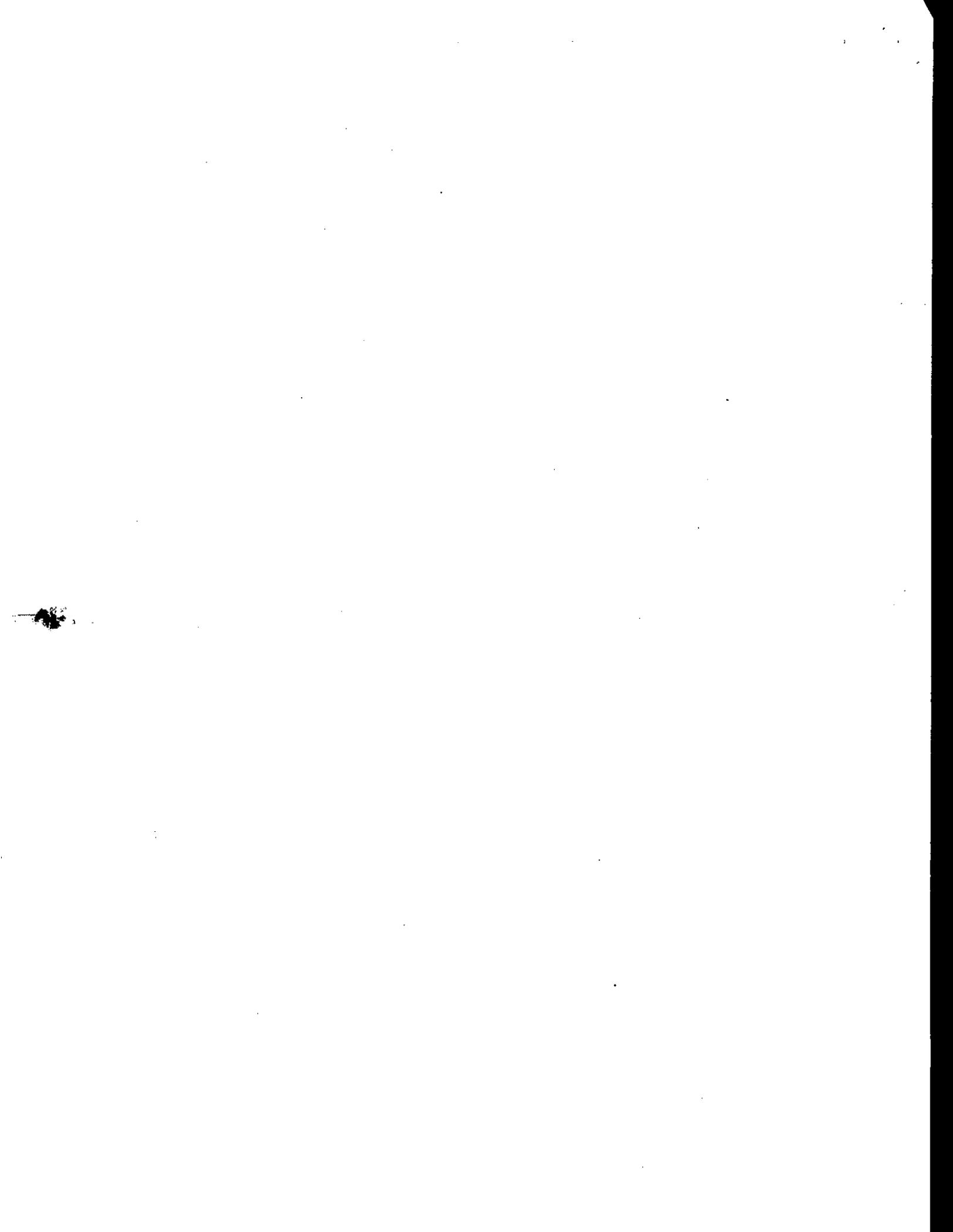
c: Tammy McConnell, DHWM, CO  
CDO File

Enclosure

EDU/sj 7-24-07 Columbia Gas NOV

**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 rules



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

For Ohio EPA use only

E-mail this completed form to  
[tammy.mcconnell@epa.state.oh.us](mailto:tammy.mcconnell@epa.state.oh.us) or mail it to Tammy  
McConnell, Central Office

2. Site EPA ID No.	EPA ID Number: OHD986974921									
3. Site Name	Name: Columbia Gas Transmission Corp. Crawford Compressor Station					Website: (Optional)				
4. Site Location Information	Street Address: 6175 Old Logan Road									
	City, Town, or Village: Sugar Grove					State: OH				
	County Name: Fairfield					Zip Code: 43155				
5. Site Land Type (check only one)	Private <input checked="" type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>		
6. NAICS code(s) <a href="http://www.census.gov/epcd/www/naics.html">www.census.gov/epcd/www/naics.html</a>										
7. Facility Representative  Additional names can be recorded in number 12  Only provide address information if it is different than the site address	First Name: Tim			MI:	Last Name: Burton					
	Phone Number: (740) 746-2212				Phone Number Extension:					
	E-Mail Address:									
	Fax Number: (740) 746-2225				Fax Number Extension:					
	Street or P.O. Box: 301 Maple Street									
	City, Town or Village: Sugar Grove					State: OH			Country: USA	Zip Code: 43155
	8. 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: Columbia Gas Transmission Corp.				Date Became Owner (mm/dd/yyyy): 1901				
Owner Type:		Private <input checked="" type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>	
Street or P.O. Box: 1700 McCorkle Avenue										
City, Town or Village: Charleston				Owner Phone #:						
State: WV				Country: USA		Zip Code: 25325				
Name of Site's Operator: Columbis Gas Transmission Corp.				Date Became Operator (mm/dd/yyyy): 1901						
Owner Type:		Private <input checked="" type="checkbox"/>	County <input type="checkbox"/>	District <input type="checkbox"/>	Federal <input type="checkbox"/>	Indian <input type="checkbox"/>	Municipal <input type="checkbox"/>	State <input type="checkbox"/>	Other <input type="checkbox"/>	
Street or P.O. Box: 6175 Old Logan Road										
City, Town or Village: Sugar Grove				Operator Phone #: (740) 746-2300						
State: OH				Country: USA		Zip Code: 43155				
9. Violations Cited?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
10A. Type of Regulated Waste Activity (Mark "X" in all of the appropriate boxes)										
<input type="checkbox"/> Not Regulated				<input type="checkbox"/> Conditionally Exempt Small Quantity Generator						
<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11				<input type="checkbox"/> United States Importer of Hazardous Waste						
<input type="checkbox"/> Large Quantity Generator (LQG)				<input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator						
<input checked="" type="checkbox"/> Small Quantity Generator (SQG)										
<input type="checkbox"/> Hazardous Waste Transporter				<input type="checkbox"/> Exempt Boiler and/or Industrial Furnace						
<input type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste				<input type="checkbox"/> Small Quantity On-Site Burner Exemption						
<input type="checkbox"/> Recycler of Hazardous Waste				<input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption						
<input type="checkbox"/> Underground Injection Control Facility										

10B. Universal Waste Activities (Indicate types of universal waste managed (check all boxes that apply))			
<input checked="" type="checkbox"/> Small Quantity Handler of Universal Waste		<input type="checkbox"/> Large Quantity Handler of Universal Waste (accumulates 5,000 kg. or more)	
<input type="checkbox"/> Destination Facility for Universal Waste			
Check all boxes below that apply for each of the three types of facilities above		10C. Used Oil Activities (Indicate Type(s) of Activity(ies))	
	<b>Managed</b>	<input checked="" type="checkbox"/> Used Oil Generator	<input type="checkbox"/> Off-Specification Used Oil Burner
Batteries	<input checked="" type="checkbox"/>	<input type="checkbox"/> Used Oil Transporter	<input type="checkbox"/> Used Oil Fuel Marketer Who Directs Shipment of Off-Spec. Oil
Pesticides	<input type="checkbox"/>	<input type="checkbox"/> Used Oil Transfer Facility	<input type="checkbox"/> Used Oil Fuel Marketer to Off-Specification Used Oil Burner
Mercury containing equipment	<input type="checkbox"/>	<input type="checkbox"/> Used Oil Processor	
Lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/> Used Oil Re-refiner	
11. Waste Codes for Federally Regulated Hazardous Wastes. Please list the codes for the federally regulated hazardous waste handled at the site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more space is needed. If there are more than 7 waste codes and they are the same as listed in the most recent RCRA info source record, you do not need to list them all. Instead just indicate the date of the most recent source record.			
12. Comments: Use this area to describe whether the inspection was announced, whether the waste is stored in tanks or containers, etc.			
Announced	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Additional Facility Representatives:
Tanks	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Other Comments:
Containers	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
13. Name of Inspector(s)		Name of Inspector(s)	Date of Inspection/Time (mm/dd/yyyy) (hh:mm)
Elizabeth Lamerson			7/24/2007
14. OPTIONAL CERTIFICATION. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			
Signature of Owner, Operator, or an Authorized Representative		Name and Title (Print)	Date (mm/dd/yyyy)

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## PROCESS DESCRIPTION SECTION

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

Columbia Gas Transmission Crawford Compressor Station is located in Sugar Grove, Ohio. Natural gas is piped in from the Gulf of Mexico. The transmission gas is piped to the Sugar Grove facility in three pipelines. The transmission gas is run through a filter separator to remove the liquids and particulate. The pipeline liquid is piped underground to one of six 8,000 gallon tanks or a 3,000 gallon tank. The facility keeps track of the filling of each tank. After 60 days of filling, the liquid is tested for PCB content. If the PCB content is <2 ppm, the hydrocarbons and the water are gravity separated in the tanks. The hydrocarbons are placed into a product tank. The water and hydrocarbon mixture used to be sent off-site as hazardous waste, but now the water/hydrocarbon mixture can be recycled via a centrifuge system and the mixture is sent off-site as a petroleum product. This greatly reduces the hazardous waste generated by the facility. If the liquid is >2 ppm, the entire tank contents are sent off-site as a hazardous waste carrying waste codes of D001 and D018. If the material is >50 ppm for PCBs, the waste is contracted by EQ to a proper disposal site. The gas from this point is compressed. The gas is sent to the dehy system containing tri-ethylene glycol which heats the gas to burn off the water in the gas. The tri-ethylene glycol is separated from the water and the facility recycles the glycol on-site. The gas is then either sent to storage fields or dispersed to an end customer.

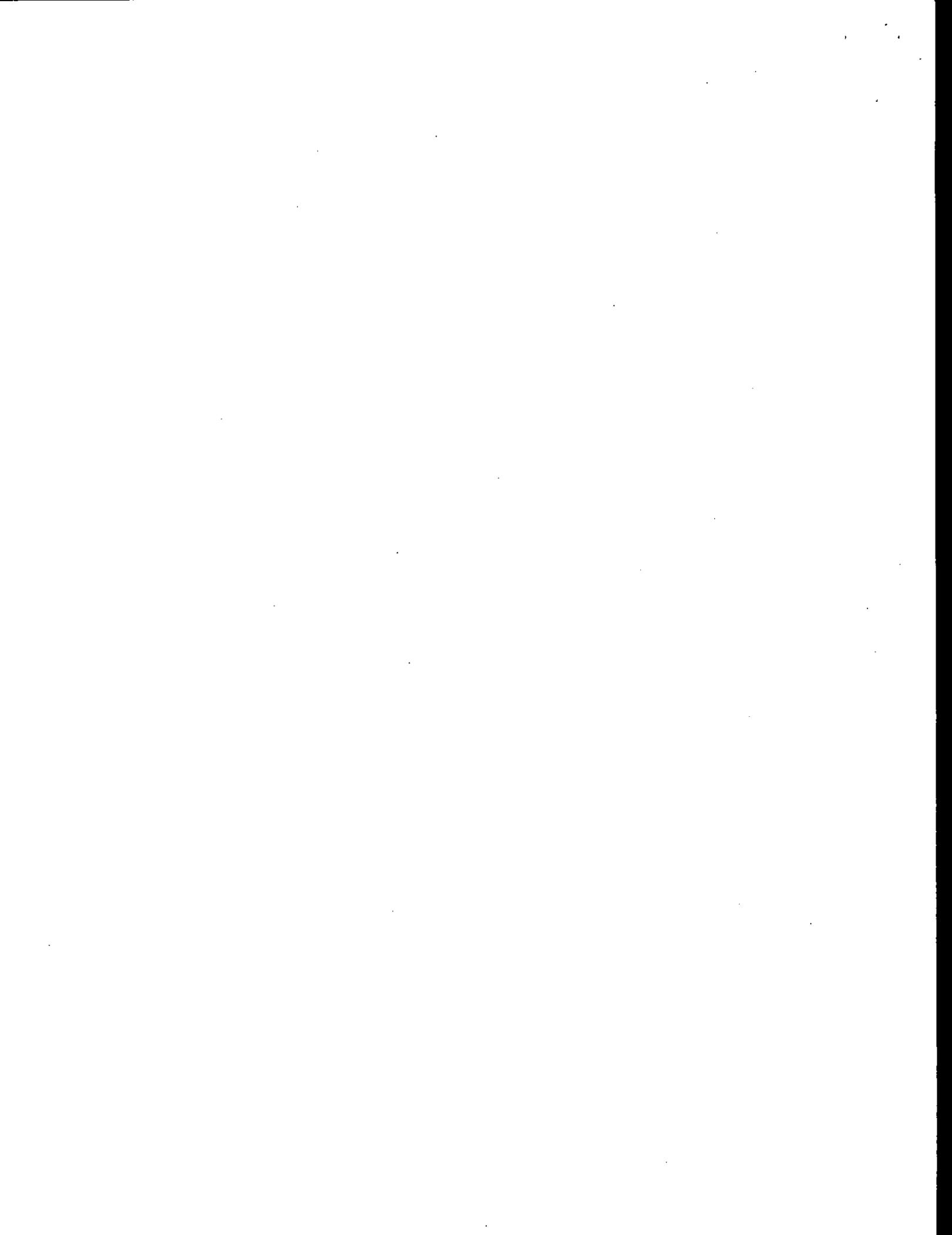
The gas is piped into the storage fields in the summer when there is less of a demand for the gas. The gas is pulled back to the facility from the storage fields and cleaned when it needs to be dispersed to a customer in the winter.

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## WASTE ACTIVITIES SUMMARY SECTION

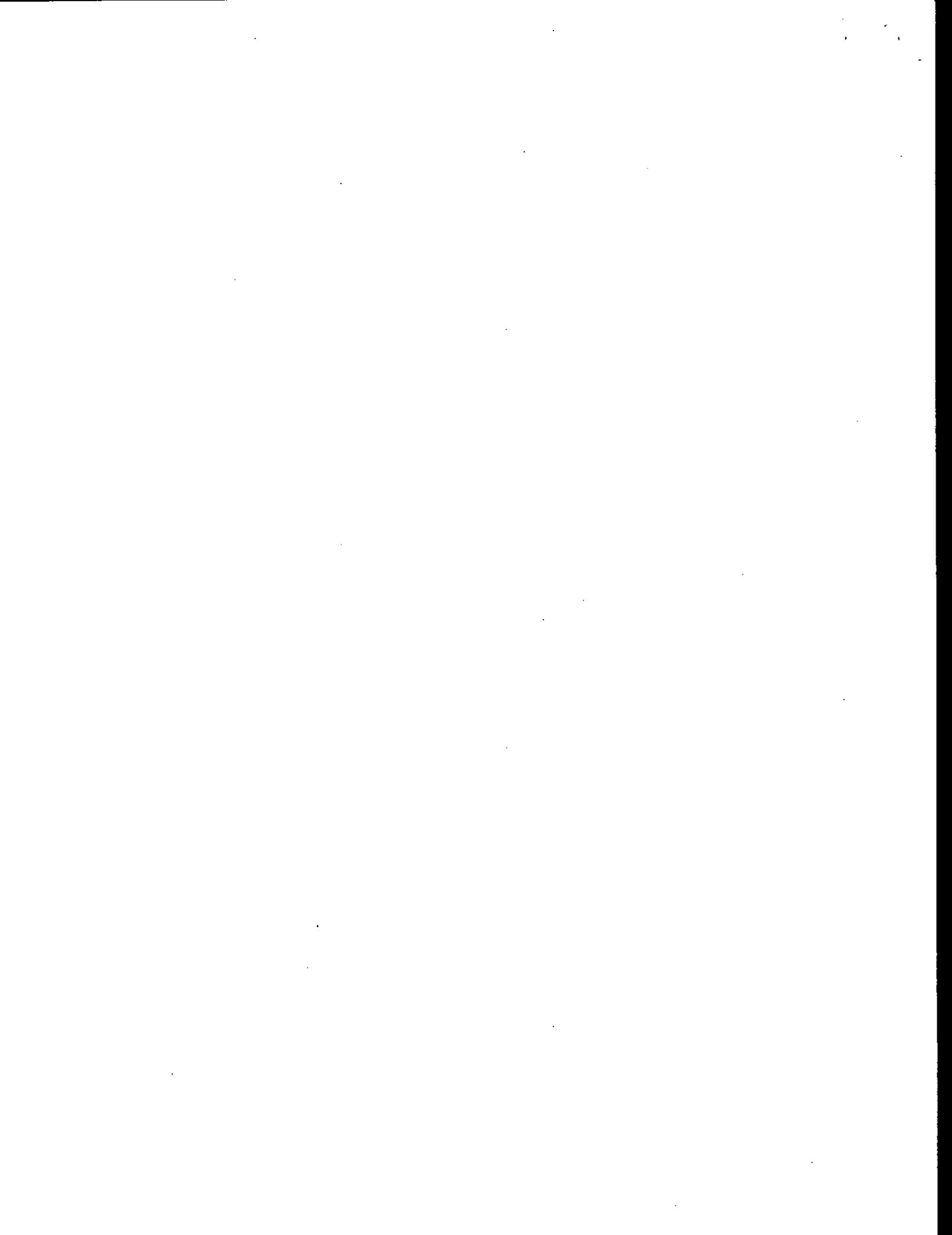
For each of the processes listed above that generate a waste give the following information: (1) name of process generating waste, (2) name or description of waste generated, (3) EPA waste codes, (4) quantity generated per month, (5) type of accumulation container used, (6) waste accumulation location in facility, (7) type of on-site treatment (if used), (8) name of off-site management facility (9) type of activity occurring at off-site management facility and (10) P2 activities

- **Pipeline liquid (natural gas drip fluid)** - The pipeline liquids which accounted for about 90% of the hazardous waste generated at this plant is now exempted under 49CFR261.4(b)(5). The pipeline liquid is sent to Central Ohio Oil through EQ. The pipeline liquids are tested for PCBs. They have not had a hit for PCBs in a number of years. The natural gas comes from the Gulf of Mexico and is PCB free.
- **Desiccate** - The desiccate is a filter media in the dehy system and it removes water and particulate from the gas. This waste is normally nonhazardous. The desiccate is tested every time before it is disposed. If the desiccate is hazardous, it is contracted through EQ for disposal carrying waste code of D004
- **Used filters from the filter separator** - The filters are located in the filter



separators. The filters separate out transmission liquid from the gas. The filters are changed every two to three years and tested before disposal.

- **Liquid sludge from cleaning the filter separators** - The waste is generated from cleaning the filter separators whenever it is needed. The last shipment of filter liquid sludge was March 30, 2006. The waste carries waste codes of D004 and D018. The waste was tested and sent to Chemical Waste Management in Model City, NY.
- **Parts washer** - The facility has one parts washer in the machine shop. The parts washer contains Ashland 140 solvent with a flash point of 142-150°F. The facility usually only adds solvent to the parts washer. If anything would be removed it would be contained and tested prior to disposal.
- **Used oil** - The used oil is generated from the compressors. The used oil is accumulated in a 6,000-gallon used oil tank. The used oil is picked up by Central Ohio Oil to be recycled.
- **Used oil filters** - The used oil filters are hot drained and disposed of.
- **Paint solvent** - Occasionally the Crawford facility generates a small amount of paint waste. They paint the gas wells or buildings. The solvents and the paint waste are collected. They sandblast the gas well or building prior to painting. The sandblast media is tested prior to disposal. This waste stream is very rare.
- **Used fluorescent bulbs** - The used fluorescent bulbs are collected and recycled. The last shipment of used fluorescent bulbs was sent to Onyx Environmental on May 18, 2006.
- **Used batteries** - The used batteries are also collected and recycled. The last shipment of used batteries was also sent to Onyx Environmental on May 18, 2006.



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

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

**GENERAL REQUIREMENTS**

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

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

6. Has the generator accumulated hazardous wastes in excess of (180/270) days without a permit or an extension from the Director? [3745-52-34; ORC §3734-02(E)&(F)] Yes  No  N/A

NOTE: SQG's shipping waste to a facility greater than 200 miles away can accumulate on-site for 270 days. [3745-52-34 (E)]

7. Is the generator accumulating more than 6,000 kg on site? [3745-52-34(D)] Yes  No  N/A

NOTE: 6,000 kg = approximately 27, 55-gallon drums. If the facility is accumulating waste for greater than 180/270 days without an extension/permit or is accumulating greater than 6,000 kg on-site, it is classified as a storage facility and TSD standards apply. Complete applicable TSD checklists.

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

NOTE: Complete appropriate checklist for each unit.

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

**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)] Yes  No  N/A
10. Are wastes reclaimed under a contractual agreement? If so: [3745-52-20(E)] Yes  No  N/A

- a. Does the contractual agreement specify the type of waste and frequency of shipment? Yes  No  N/A
- b. Is the transport vehicle owned and operated by the reclaimer? Yes  No  N/A
- c. Is a copy of the reclamation agreement kept on-site for at least three years after termination/expiration of the agreement? Yes  No  N/A

NOTE: If wastes are reclaimed under a contractual agreement and an answer to questions 10(a) through 10(c) is no, the generator is in violation of 3745-52-20 (A) (B) & (D), 3745-52-22 and 3745-52-23. Even if the waste is being reclaimed under agreement, LDRs still apply. Complete LDR checklist.

- 11. Have items 1 through 20 of each manifest been completed?[3745-52-20(A)] Yes  No  N/A

NOTE: U.S. EPA Form 8700-22(A) (the continuation form) may be needed in addition to Form 8700-22. In these situations, items (21) through (35) must also be complete. [3745-52-20 (A)]

- 12. Does each manifest designate at least one facility which is permitted to handle the waste? [3745-52-20(B)] Yes  No  N/A

NOTE: The generator may designate on the manifest one alternative facility to handle the waste in the event of an emergency which prevents the delivery of waste to the primary designated facility. [3745-52-20(C)]

- 13. If the transporter was unable to deliver a shipment of hazardous waste to the designated facility did the generator designate an alternative TSD facility or give the transporter instructions to return the waste? [3745-52-20(D) ] Yes  No  N/A

- 14. Have the manifests been signed by the generator and initial transporter? [3745-52-23 (A) (1) and (2)] Yes  No  N/A

NOTE: Remind the generator that the certification statement they signed indicates: 1) they have properly prepared the shipment for transportation and 2) they have made a good faith effort to minimize their waste generation.

- 15. If the generator did not receive a return copy of each completed manifest within 60 days of being accepted by the transporter did the generator submit to Ohio EPA, a copy of the manifest with some indication that the generator has not received confirmation of delivery? 3745-52-42(B)] Yes  No  N/A

- 16. Are signed copies of all manifests being retained for at least three years? [3745-52-40] Yes  No  N/A

NOTE: Waste generated at one location and transported along a publicly accessible road for temporary consolidated storage or treatment on a contiguous property also owned by the same person is not considered "on-site" and manifesting and transporter requirements must be met. To transport "along" a public right-of-way the destination facility has to act as a transfer facility or have a permit because this is considered to be "off-site." For additional information see the definition of "on-site" in OAC rule 3745-50-10.

**PREPAREDNESS AND PREVENTION**

- 17. Is an emergency coordinator available at all times (on-site or on-call)? [3745-52-34(D)(5)(a)] Yes  No  N/A

- 18. Has the following been posted by the telephone: [3745-52-34(D)(5)(b)]

- a. Name and telephone number of emergency coordinator? Yes  No  N/A
- b. Location of fire and spill control equipment, and, if present, fire alarm(s) Yes  No  N/A
- c. Telephone number of local fire department? Yes  No  N/A

- 19. Are employees familiar with waste handling and emergency procedures [3745-52-34(D)(5)(c)] Yes  No  N/A

- 20. Has the facility properly responded to all fires and spills? [3745-52-34(D)(5)(d)] Yes  No  N/A

- 21. Is the facility operated to minimize the possibility of fire, explosion, or any unplanned sudden or nonsudden release of hazardous waste? [3745-65-31] Yes  No  N/A

- 22. Does the generator have the following equipment at the facility if it is required due to actual hazards associated with the waste:

- |  |     |                                     |    |                          |     |                                     |
|--|-----|-------------------------------------|----|--------------------------|-----|-------------------------------------|
| a. Internal Alarm system? [3745-65-32(A)]  | Yes | <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 checked="" type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/>            |
| a. Are inspections recorded in a log or summary? [3745-65-33]?   | Yes | <input checked="" type="checkbox"/> | No | <input 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 (unless the device is not required under OAC 3745-65-32)? [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? (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"/> |
| 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

**At the time of the inspection, the facility was no accumulating any hazardous waste.**

- |  |     |                          |    |                          |     |                          |
|--|-----|--------------------------|----|--------------------------|-----|--------------------------|
| 29. Does the generator ensure that satellite accumulation area(s):   |     |                          |    |                          |     |                          |
| a. Are at or near a point of generation? [3745-52-34(C)(1)]  | Yes | <input 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 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 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 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 type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input 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 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 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 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 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

At the time of the inspection, the facility was not accumulating any hazardous waste.

- |     |  |     |                          |    |                          |     |                          |
|-----|--|-----|--------------------------|----|--------------------------|-----|--------------------------|
| 31. | Has the generator marked containers with the words "Hazardous Waste"[3745-52-34(D)(4)] | Yes | <input type="checkbox"/> | No | <input 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 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 type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
|     | b. In good condition? [3745-66-71]   | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | N/A | <input type="checkbox"/> |
|     | c. Compatible with wastes stored in them? [3745-66-72]                                 | Yes | <input 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 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 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"/>            |
| 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 ≤100 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 <u>or</u> 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"/> |

## USED OIL INSPECTION CHECKLIST (Short Version)

**NOTE: This checklist does not include requirements for used oil transporters and transfer facilities, processors and re-refiners, burners, and marketers.**

### PROHIBITIONS

1. Is used oil being managed in a surface impoundment or waste pile? If so: Yes \_\_\_ No  N/A \_\_\_ RMK#
- Is the surface impoundment or waste pile being regulated under OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-12(A)] Yes \_\_\_ No  N/A  RMK#
2. Is used oil being used as a dust suppressant? [3745-279-12(B)] Yes  No  N/A \_\_\_ RMK#
3. Is off-specification used oil fuel burned for energy recovery only in devices specified in 3745-279-12(C)? Yes \_\_\_ No  N/A  RMK#

### USED OIL GENERATOR STANDARDS

4. Does the generator mix hazardous waste with used oil only as provided in 3745-279-10(B)? [2745-279-21(A)] Yes \_\_\_ No  N/A  RMK#
5. Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)] Yes \_\_\_ No  N/A  RMK#
6. Does the generator only store used oil in tanks, containers, or units subject to OAC 3745-54 to 3745-57 and 3745-205 or 3745-65 to 3745-69 and 3745-256? [3745-279-22(A)] Yes  No  N/A \_\_\_ RMK#
7. Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)] Yes  No  N/A \_\_\_ RMK#
8. Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil?" [3745-279-22(C)] Yes  No  N/A \_\_\_ RMK#
9. Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]
- a. Stopped the release? Yes \_\_\_ No  N/A  RMK#

- b. Contained the release? Yes  No  N/A  RMK#
- c. Cleaned up and properly managed the used oil and other materials? Yes  No  N/A  RMK#
- d. Repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes  No  N/A  RMK#
10. Does the generator burn used oil in used fired space heaters? [3745-279-23] If so: Yes  No  N/A  RMK#
- a. Does the heater burn only used oil that owner/operator generates or used oil received from household do-it-yourself (DIY) used oil generators? Yes  No  N/A  RMK#
- b. Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour? Yes  No  N/A  RMK#
- c. Are the combustion gases from heater vented to the ambient air? Yes  No  N/A  RMK#
11. Does the generator have the used oil hauled only by transporters that have obtained U.S. EPA ID#, unless the generator qualifies for an exemption pursuant to 3745-279-24 (self transportation or tolling agreements)? [3745-279-24] Yes  No  N/A  RMK#

#### USED OIL COLLECTION CENTERS AND AGGREGATION POINTS

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

#### WASTE EVALUATION

15. Have all wastes generated at the facility been evaluated? [3745-52-11] Yes  No  N/A  RMK#

**REMARKS**

**SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS BATTERIES AND LAMPS**

*Large Quantity Universal Waste Handler (LQUWH) = 5,000 Kg or more*

*Small Quantity Universal Waste Handler (SQUWH) = 5,000 Kg or less*

**PROHIBITIONS**

1. Did the SQUWH dispose of universal waste? [3745-273-11(A)] Yes  No  N/A \_\_\_ RMK#
2. Did the SQUWH dilute or treat universal waste, except when responding to releases as provided in 3745-273-17 or managing specific wastes as provided in 3745-273-13? [3745-273-11(B)] Yes  No  N/A \_\_\_ RMK#

**WASTE MANAGEMENT & LABELING/MARKING**

**UNIVERSAL WASTE BATTERIES**

3. Are battery(ies) that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)] Yes \_\_\_ No  N/A  RMK#
4. If batteries are contained, are the containers closed and structurally sound, compatible with the contents of the battery and lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(A)(1)] Yes \_\_\_ No  N/A  RMK#
5. Does the SQUWH conduct any of the following activities:
- a. Sort batteries by type? Yes \_\_\_ No  N/A  RMK#
  - b. Mix battery types in one container? Yes \_\_\_ No  N/A  RMK#
  - c. Discharge batteries to remove the electric charge? Yes \_\_\_ No  N/A  RMK#
  - d. Regenerated used batteries? Yes \_\_\_ No  N/A  RMK#
  - e. Disassemble them into individual batteries or cells? Yes \_\_\_ No  N/A  RMK#
  - f. Remove batteries from consumer products? Yes \_\_\_ No  N/A  RMK#

g. Remove the electrolyte from the battery?

Yes \_\_\_ No  N/A  RMK#

If so, are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)(2)]

Yes \_\_\_ No  N/A  RMK#

6. If the electrolyte is removed or other waste generated, has it been determined whether it is a hazardous waste? [3745-273-13(A)(3)]

Yes \_\_\_ No  N/A  RMK#

a. If the electrolyte or other waste is characteristic, is it managed in compliance with 3745-50 through 3745-69? [3745-273-13(A)(3)(a)]

Yes \_\_\_ No  N/A  RMK#

b. If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-13(A)(3)(b)]

Yes \_\_\_ No  N/A  RMK#

7. Are the battery(ies) of container(s) of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-14(A)]

Yes  No  N/A \_\_\_ RMK#

### UNIVERSAL WASTE LAMPS

8. Does the SQGUHW contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and are compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]

Yes \_\_\_ No  N/A \_\_\_ RMK# 1

9. Are lamps that show evidence of breakage, leakage or damage that could cause a release of mercury or hazardous constituents into the environment immediately cleaned up? Are they placed into a container that is closed, structurally sound, compatible with the contents of the lamps, and lack evidence of leakage spillage or damage that could cause leakage or releases of mercury or hazardous waste constituents to the environment? [3745-273-13(D)(2)]

Yes \_\_\_ No  N/A  RMK#

10. Are the lamps or containers or packages of lamps labeled with the words "Universal Waste - Lamp(s)" or "Waste Lamp(s)" or "Used Lamp(s)"? [3745-273-14(E)]

Yes  No  N/A \_\_\_ RMK#

**NOTE:### Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility under a hazardous waste manifest.**

**ACCUMULATION TIME**

11. Is the waste accumulated for less than one year? Yes  No  N/A  RMK#  
[3745-273-15(A)] If not:

a. Was the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-15(B)] Yes  No  N/A  RMK#

**NOTE: Accumulation is defined as date generated or date received from another handler.**

12. Is the length of time the universal waste is stored documented by one of the following: [3745-273-15(C)] Yes  No  N/A  RMK#

a. Marking or labeling the container with the earliest date when the universal waste became a waste or was received? [3745-273-15(C)(1)] Yes  No  N/A  RMK#

b. Marking or labeling individual item(s) of universal waste with the earliest date that it became a waste or was received? [3745-273-15(C)(2)] Yes  No  N/A  RMK#

c. Maintaining an inventory system on-site that identifies the date the universal waste became a waste or was received? [3745-273-15(C)(3)] Yes  No  N/A  RMK#

d. Maintaining an inventory system on-site that identifies the earliest date that any universal waste in a group of universal waste items or a group of containers became a universal waste or was received? [3745-273-15(C)(4)] Yes  No  N/A  RMK#

e. Placing the universal waste in a specific accumulation area and identifying the earliest start date or date received? [3745-273-15(C)(5)] Yes  No  N/A  RMK#

- f. Any other method, which clearly demonstrates, the length of time the universal waste has been accumulated from the date it became a waste or was received? [3745-273-15(C)(6)]

Yes  No  N/A  RMK#

### **EMPLOYEE TRAINING**

13. Are employees who handle or have the responsibility for managing universal waste informed of waste handling/emergency procedures, relative to their responsibilities? [3745-273-16]

Yes  No  N/A  RMK#

### **RESPONSE TO RELEASES**

14. Are releases of universal waste and other residues immediately contained? [3745-273-17(A)]

Yes  No  N/A  RMK#

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

Yes  No  N/A  RMK#

16. If the material released is a hazardous waste, is it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to Chapter 3745-52) [3745-273-17 (B)]

Yes  No  N/A  RMK#

### **OFF-SITE SHIPMENTS**

**NOTE:** *If a SQUWH self-transport waste, then they must comply with the Universal Waste transporter requirements.*

17. Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)]

Yes  No  N/A  RMK#

**NOTE:** *SQUWHs are prohibited to send waste to any other facility.*

18. If the universal waste meets the definition of hazardous material under 49 CFR 171-180, are DOT requirements met with regard to package, labels, placards and shipping papers? [3745-273-18(C)]

Yes  No  N/A  RMK#

19. Prior to shipping universal waste off-site, does the receiver agree to receive the shipment? [3745-273-18(D)]

Yes  No  N/A  RMK#

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

- a. Receive the waste back? [3745-273-18(E)(1)] Yes \_\_\_ No \_\_\_ N/A X RMK#
- b. Agree to where the shipment will be sent? [3745-273-18(E)(2)] Yes \_\_\_ No \_\_\_ N/A X RMK#
21. If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss one of the following: Yes \_\_\_ No  N/A X RMK#
- a. Sending the waste back to the originating handler? [3745-273-18(F)(1)] Yes \_\_\_ No \_\_\_ N/A X RMK#
- b. Sending the shipment to a destination facility? (If both the originating and receiving handler agree) [3745-273-18(F)(2)] Yes \_\_\_ No \_\_\_ N/A X RMK#
22. If the handler received a shipment of hazardous waste that was not universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)] Yes \_\_\_ No  N/A X RMK#
23. If the handler received a shipment of nonhazardous, non-universal waste, was the waste managed in accordance with applicable law? [3745-273-18(H)] Yes \_\_\_ No  N/A X RMK#

### EXPORTS

24. Is waste being sent to a foreign destination? If so: Yes \_\_\_ No X N/A \_\_\_ RMK#
- a. Does the small quantity handler comply with primary exporter requirements in OAC 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)] Yes \_\_\_ No  N/A X RMK#
- b. Is waste exported only upon consent of the receiving country and in conformance with U.S. EPA's "Acknowledgment of Consent" as defined in 3745-52-50 to -52-57? [3745-273-20(B)] Yes \_\_\_ No  N/A X RMK#
- c. Is a copy of U.S. EPA's "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)] Yes \_\_\_ No  N/A X RMK#

### REMARKS

1. Some of the used fluorescent bulbs were not in a container. The company sent photos on July 25, 2007 showing all of the used bulbs were in closed containers. The violation was abated at that time.

