



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

September 22, 2009

RE: VEOLIA ES TECHNICAL SOLUTIONS
OHR 000 018 481
MEDINA COUNTY
CEI/NOV/RTC
SQG>CESQG

Ms. Heidi Dugan
Facility Manager
909 west Smith Road
Medina, OH 44256

CERTIFIED MAIL

Dear Ms. Dugan:

On September 16, 2009, Ohio EPA conducted a compliance evaluation inspection of Veolia ES Technical Solutions' (Veolia), Medina facility to determine Veolia's compliance with Ohio's hazardous waste laws and regulations as found under the Ohio Revised Code and the Ohio Administrative Code ("ORC" and "OAC" respectively). Veolia was represented by you. The Ohio EPA was represented by Suzanne Prusnek and me. The Ohio EPA's compliance inspection included an inspection of the facility operations and a review of written documentation.

Based on this inspection, Ohio EPA has determined that Veolia has violated at least the following state hazardous waste regulation but that the violation was abated on the date of the inspection:

Violations:

1. **Used Oil Storage Requirements for Generators, OAC rule 3745-279-22(C):** All containers and above ground tanks of used oil shall be clearly labeled or marked "Used Oil".

The used oil containers were not labeled with the words "used oil". Veolia labeled the containers during the inspection.

No further action is required to address this violation.

We also discussed three additional issues during the inspection. First, some of the material received by Veolia arrives with hazardous waste labels. Veolia may want to consider covering these labels to lessen any confusion regarding the regulatory status of the material.

Second, we discussed how the empty drums are managed outside. Some of the drums were not closed allowing rain water to collect in the drums. Depending on the material that was previously in the drums, Veolia may have to conduct testing to determine how the contaminated water will need to be managed. Ohio EPA suggested that the drums be closed when placed outside or managed in such a manner so that they cannot collect water.

Finally, you stated that you have never tested the water that is sent to the North Ridgeville/French Creek waste water treatment facility. While Ohio EPA concurs that generator knowledge is sufficient to determine that the water is non hazardous, you may want to consider having testing results of your own if an issue ever arises between you and the waste water treatment facility. This data could also be used should you ever seek to have the facility re-connected to the Medina County waste water treatment plant.

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The Division of Hazardous Waste Management has created an electronic news service to provide you with updates related to hazardous waste activities in Ohio. You can find more information and sign up for this free service at the following Web link <http://ohioepa.custhelp.com/cgi-bin/ohioepa.cfg/php/enduser/doc/serve.php?2=subscriptionpage>.

You can find copies of the rules and other information on the division's web page at: <http://www.epa.ohio.gov/dhwm/>

Failure to list specific deficiencies and or violations in this communication does not relieve Veolia Incubator Co. from the responsibility of complying with all applicable laws, rules and regulations.

Be advised that the Ohio EPA reserves the right pursuant to ORC Chapters 3734 and 6111 and any other applicable state and federal laws or regulations, to require further site investigation and remediation to address any unpermitted releases of hazardous waste, hazardous substances, industrial wastes, pollutants, and or contaminants into the environment.

Further be advised that any instances of non-compliance can continue as subjects of pending or future enforcement actions.

Should you have any questions or require additional information, please contact Frank Popotnik, my supervisor, or me at (330) 963-1200.

Sincerely,



Karen L. Nesbit
Division of Hazardous Waste Management

KLN.dw

Enclosure

ec: Harry Sarvis, DHWM, CO
Frank Popotnik, DHWM, NEDO
Natalie Oryshkewych, DHWM, NEDO
cc: Marlene Kinney, DHWM, NEDO

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

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

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"/> Destination Facility for Universal Waste |
| <input type="checkbox"/> Large Quantity Handler of Universal Waste
(accumulates 5,000 kg. or more) | |

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

- 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. Oil
- Used Oil Fuel Marketer to Off-Specification Used Oil Burner

Waste Codes for Federally Regulated Hazardous Wastes. Please list the codes for the federally regulated hazardous waste handlers at the site (list them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more space is needed. If there are more than 7 waste codes and they are the same as listed in the most recent RCRAInfo source record, you do not need to list them all. Instead just indicate the date of the most recent source record.

D001

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 type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |

Name of Inspector(s):	Name of Inspector(s)	Date of Inspection/Time
Karen Nesbit	Suzanne Prusnek	(mm/dd/yyyy) (hh:mm)
		9/16/2009 8:50 AM

OPTIONAL CERTIFICATION. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Owner, Operator, or an Authorized Representative	Name and Title (Print)	Date (mm/dd/yyyy)

PROCESS DESCRIPTION SECTION

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

Brief description of facility and processes: Industrial Ethanol reclamation facility. This industry is regulated by the Alcohol and Tobacco Tax and trade bureau. As such, the waste material being reclaimed and the process are not regulated under RCRA per OAC rule 3745-51-06(A)(3)

Process from beginning to end: Materials accepted include industrial by-products that contain ethanol. There is a pre-acceptance process all customers must complete before material is accepted. The customer will fill out a waste identification profile (WIP). A sample of the material will also be sent to Chicago for analysis. Veolia has three (3) items they take into consideration prior to acceptance: 1 – safety, can the material safely be processed at the facility; 2 – economics, is it economically feasible to reclaim the ethanol from the material; and 3 – the end product. The CFR only allows certain end product formulations. If the material cannot be processed to make one of these formulations, it cannot be accepted. Once it has been determined that Veolia can reclaim the material, the customer contacts Veolia's West Carrollton office where all the computer tracking is done. West Carrollton will then schedule the pick-up and delivery to Medina. Material is received mostly in tanker trucks, totes, 55-gallon drums or consumer bottles. Once the material is received, it is sampled and a fingerprint analysis is conducted to determine if it matches the WIP. Analysis includes percent ethanol, percent water, and pH. If there is a match, the material is off loaded into tanks to await batch distillation. Consumer sized bottles (beer, wine, Listerine, etc.) are either shredded or poured out into containers. Batches usually consist of the same customer's material. After distillation the material is placed in a product tank until blended for sale. The blending is the addition of the denaturants into the mix depending on the customer specifications. The denaturants which may include methanol, ethyl acetate, MIBK, heptanes and gasoline is pre-mixed into a tote. The product ethanol is placed in a tanker truck (or very infrequently, a rail car) then the pre-mixed denaturants are added and the product is shipped.

The distillation is a fractional distillation. There are two distillation towers, each has 25 plates each. Distillation bottoms go to the landfill. (Pine Grove in Amanda, Ohio – A Republic Landfill).

Veolia has a molecular sieve to dry the ethanol. It is a bed system with the vapor phase in constant regeneration. The sieve was not running at the time of the inspection. They have yet to remove/replace the sieves. The system does generate water. Water from the sieve goes back into the process.

The shredded and empty containers are all recycled. The glass goes to Strategic Materials, the plastic goes to Haycore for recycling. The corks are also recycled. Aluminum goes to a local scrap dealer.

REMARKS-GENERAL INFORMATION

Regulatory/Enforcement History (if applicable):

None for this generator

**CONDITIONALLY EXEMPT 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: *Long sleeves, steel toed shoes, hard hat, safety glasses w/ side shields*

WASTE EVALUATION

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

GENERATOR CLASSIFICATION

2. Does the generator produce <100 kg. of hazardous waste per month? [conditionally exempt small quantity generator ("CESQG")] Yes No N/A

NOTE: If quantities of hazardous waste accumulated on-site at any one time exceed 1,000 Kg. - or the generator produces between 100 and 1,000 Kg. of hazardous waste per month, it is operating as a Small Quantity Generator ("SQG"). If so, complete the Small Quantity Generator Requirements checklist.

OFF-SITE SHIPMENT OF HAZARDOUS WASTE

3. Does the CESQG ensure delivery of hazardous waste(s) to an off-site permitted TSD? [3734.02(F)] *no waste generated (yet)* Yes No N/A

TREATMENT OF HAZARDOUS WASTE

4. 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 3745-66-90 to 3745-66-101 except 3745-66-97(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Drip pads that meet 3745-69-40 to 3745-69-45?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
d.	Containment building that meets 3745-256-100 to 3745-256-102?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Complete appropriate checklist for each unit.

NOTE: If the CESQG conducts treatment they are subject to the LQG requirements.

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

MIX HAZARDOUS WASTE WITH USED OIL

5. Does the CESQG mix its hazardous waste with used oil for the purpose of burning for energy recovery? [3745-51-05(J)] If so:

a.	Does the CESQG manage the mixture in accordance with 3745-279-21?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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**USED OIL INSPECTION CHECKLIST
GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS**

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

PROHIBITIONS

1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: For example, used oil contaminated scrap metal stored in a pile.

2.	Is used oil used as a dust suppressant? [3745-279-12(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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

GENERATOR STANDARDS

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

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

5.	Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
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NOTE: If used oil contains greater than 1000 ppm total halogens, it is presumed to be listed hazardous waste until the presumption is successfully rebutted.

6.	Does the generator store used oil in tanks; or containers; or a unit(s) subject to regulation as a hazardous waste management unit? [3745-279-22(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
7.	Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
8.	Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil"? [3745-279-22(C)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> <i>abated during inspection</i>
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Stopped the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Contained the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

c.	Cleaned up and properly managed the used oil and other materials?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
d.	Repaired or replaced the containers or tanks prior to returning them to service, if necessary?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

ON-SITE BURNING IN SPACE HEATER

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

NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).

GENERATOR TRANSPORTATION

11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	If the generator self-transportes used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]	
a.	Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator?[3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Does the generator transport more than 55 gallons of used oil at any time?[3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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

COLLECTION CENTERS AND AGGREGATION POINTS

13.	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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.	Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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