

**Environmental
Protection Agency**

John E. Kasich, Governor
Mike DeWine, Lt. Governor
Suzanne K. Kolb, Director

September 5, 2012

RE: THE EVOLUTION LIGHTING GROUP, LLC
OHR000172346
CUYAHOGA COUNTY
COMPLAINT #7537
NOV

Ms. Erin Rosado
The Evolution Lighting Group, LLC
5351 B. Naiman Pkwy.
Solon, OH 44139

Dear Ms. Rosado:

On August 15, 2012, Nyall McKenna and I, of the Ohio EPA's Division of Materials and Waste Management, conducted a hazardous waste complaint investigation at Allied Lighting Services (Allied), 5351 A Naiman Pkwy., Solon, Ohio. The purpose of our visit was to investigate a complaint (number 7537) received by Ohio EPA alleging that Allied was requiring their employees to break neon and fluorescent tubes so that they would fit into dumpsters and garbage cans. Mark Wasserman represented the facility during the inspection.

Allied is a service company that receives and installs new signs on the customer's property and also fixes customer's lighting. Employees are instructed to leave spent lamps with the clients.

We walked outside and looked in the dumpster. We noted that many (10 or more) metal halide lamps, "Plusrite", were in the dumpster. They were not broken and Mr. Wasserman requested that an employee remove the lamps from the dumpster. At this point in the inspection Mr. Wasserman denied us access to the rest of the facility, unless we were able to show him the written complaint we had received. We returned to the office, got a copy of the redacted complaint and returned to the facility. We noted that the bulbs had been placed in a cardboard box, finished the investigation and left.

Later that afternoon you and Jesus Rosado called me to tell me that Allied did not place the lamps we found in the dumpster but an employee of Yesco had done so. The employee got on the phone and stated that he had been cleaning out his truck and placed some boards and lamps into the dumpster. You and Mr. Rosado explained that Allied and Yesco are separate companies and that Yesco rents space from Allied.

By email dated August 22, 2012, you informed me that Yesco was not the name of the company that placed the lamps in the dumpster. The company is The Evolution Lighting Group, LLC. The Evolution Lighting Group, LLC (Evolution), located at 5351 B. Naiman Pkwy., Solon, Ohio, is affiliated with Allied, but from my conversations with you, is a separate company with its own employees.

Based on the results of the complaint investigation, Evolution is in violation of the following regulations of the hazardous and universal waste rules:

1. **Ohio Administrative Code (OAC) 3745-52-11; Hazardous Waste Determination.** This rule requires that any person who generates a waste must determine if that waste is a hazardous waste.

Evolution violated this rule by disposing of waste lamps with regular trash without determining whether or not they are a hazardous waste. Fluorescent and some other types of lamps contain mercury and may contain other hazardous metals. The best method of managing spent fluorescent lamps is to save them in a properly labeled and closed container and have them picked up by a lamp recycler.

This violation was abated when an employee of Allied removed the waste lamps from the trash.

2. **OAC Rule 3745-273-13 (D)(1) - Universal waste lamp containers.** This rule requires universal waste lamps to be in closed containers or packages that are structurally sound and adequate to prevent breakage.

Evolution violated this rule by having waste lamps that were not in a closed container or package. This violation was abated on August 16, 2012 when the waste lamps were transported to LightsOut, a division of Harrington Electric.

3. **OAC Rule 3745-273-14 (E) - Universal waste lamp labeling.** This rule requires that containers of universal waste lamps be labeled as "Universal Waste - Lamps", "Waste Lamps", or "Used Lamps".

Evolution violated this rule by having the spent lamps in a box that was not labeled as required. This violation was abated on August 16, 2012 when the waste lamps were transported to LightsOut, a division of Harrington Electric.

4. **OAC 3745-273-16; Employee training for Small Quantity handlers of Universal Waste.**

A small quantity handler of universal waste shall inform all employees who handle, or have the responsibility for managing, universal waste. The information shall describe proper handling and emergency procedures appropriate to the types(s) of universal waste handled at the facility.

You told me that the employees have been retrained in the management of waste lamps. To demonstrate abatement of this violation, please send me an outline of the training the employees received and the signed attendance sheet. The training should make employees aware that spent lamps cannot be thrown away with regular trash.

Evolution needs to immediately take the necessary measures to return to compliance with Ohio's environmental laws. Within 14 days of receipt of this letter, Evolution is requested to provide documentation to this office including the steps taken to abate the violations cited above. Documentation of steps taken to return to compliance includes written correspondence, updated policies, and photographs, as appropriate, and may be submitted via the postal service or electronically to marlene.kinney@epa.ohio.gov

Please be advised that violations cited above will continue until the violations have been properly abated. Failure to comply with Chapter 3734 of the Ohio Revised Code and rules promulgated thereunder may result in a civil penalty of up to \$10,000 per day for each violation. It is imperative that you return to compliance. If circumstances delay the abatement of violations, Evolution is requested to submit written correspondence of the steps that will be taken by date certain to attain compliance.

You can find copies of the rules and other information on the division's web page at <http://www.epa.state.oh.us/dmwmr.aspx>

Should you have any questions, please feel free to call me at (330) 963-1162 or email me at marlene.kinney@epa.ohio.gov

Sincerely,



Marlene M. Kinney
Environmental Specialist
Division of Materials and Waste Management

MMK:ddw

Enclosure

ec: Jeff Mayhugh, DMWM, CO
Nyall McKenna, DMWM, NEDO
Natalie Oryshkewych, DMWM, NEDO

Completed verification forms required to be submitted to CO should be e-mailed to brad.hauser@epa.state.oh.us.

Site EPA ID No.	EPA ID Number: OHR000172346							
Site Name	Name: The Evolution Lighting Group, LLC				Website: (Optional)			
Site Location Information	Street Address: 5351 B Naiman Pkwy.							
	City, Town, or Village: Solon				State: OH			
	County Name: Cuyahoga				Zip Code: 44139			
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"/>
NAICS code(s) www.census.gov/epcd/www/naics.html								

Facility Representative	First Name: Erin		MI: R.		Last Name: Rosado		
Additional names can be recorded in number 12	Title: Controller						
Only provide address information if it is different than the site address	Phone Number: 440-498-7418				Phone Number Extension: 2344139		
	E-Mail Address: erosado@yesco.com						
	Fax Number: 440-248-5357				Fax Number Extension:		
	Street or P.O. Box:						
	City, Town or Village:						
	State:				Zip Code:		

Legal Owner And Operator of the Site. List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Name of Site's Legal Owner:				Date Became Owner (mm/dd/yyyy):				
	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:								
	City, Town or Village:				Owner Phone #:				
	State:				Country:		Zip Code:		
	Name of Site's Operator:				Date Became Operator (mm/dd/yyyy):				
	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"/>
	Street or P.O. Box:								
	City, Town or Village:				Operator Phone #:				
	State:				Country		Zip Code:		

VIOLATIONS CITED? Yes No

TYPE OF HANDLER - MARK "X" AS APPROPRIATE

<input checked="" type="checkbox"/> Not a HW Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11	<input type="checkbox"/> Large Quantity Generator (LQG)
	<input type="checkbox"/> Short-Term/Temporary 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"/> 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"/> 72-Hour Recycler	<input type="checkbox"/> Receives Hazardous Waste from Off-site

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 Used Oil
 Used Oil Fuel Marketer who first claims the Used Oil meets the specifications

Eligible Academic Entities with Laboratories: Facility has previously notified that they are opting into managing laboratory hazardous waste pursuant to OAC rules 3745-52-200 through 3745-52-216. Check the box(es) below to indicate the laboratory type.

College or University
 Teaching hospital that is owned by or has a formal written affiliation agreement with a college or university
 Non-profit institute that is owned by or has a formal written affiliation agreement with a college or university

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.

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 (mm/dd/yyyy) (hh:mm)
Marlene Kinney	Nyall McKenna	8/15/2012

Comments:
Complaint investigation (7537) of Allied Lighting. Bulbs found in dumpster were not from Allied Lighting but were placed there by an employee of The Evolution Lighting Group. ID number is needed for the Evolution Lighting Group to separate them from Allied when inspection letter is written.

SMALL QUANTITY UNIVERSAL WASTE HANDLER REQUIREMENTS – BATTERIES AND LAMPS		
<i>Large Quantity Universal Waste Handler (LQUWH) = 5,000 Kg or more</i>		
<i>Small Quantity Universal Waste Handler (SQUWH) = 5,000 Kg or less</i>		
PROHIBITIONS		
1.	Did the SQUWH dispose of universal waste? [3745-273-11(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
2.	Did the SQUWH dilute or treat universal waste, except when responding to releases as provided in OAC rule 3745-273-17 or managing specific wastes as provided in OAC rule 3745-273-13? [3745-273-11(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
WASTE MANAGEMENT AND LABELING/MARKING		
UNIVERSAL WASTE BATTERIES		
3.	Are batteries that show evidence of leakage, spillage or damage that could cause leaks contained? [3745-273-13(A)(1)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
5.	Are the casings of the batteries breached, not intact, or open (except to remove the electrolyte)? [3745-273-13(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6.	If the electrolyte is removed or other wastes generated, has it been determined whether the electrolyte or other wastes exhibit a characteristic of hazardous waste? [3745-273-13(A)(3)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	If the electrolyte or other waste is characteristic, is it managed in compliance with OAC Chapters 3745-50 through 3745-69? [3745-273-13(A)(3)(a)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	If the electrolyte or other waste is not hazardous, is it managed in compliance with applicable law? [3745-273-13(A)(3)(b)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7.	Are the batteries or containers of batteries labeled with the words "Universal Waste - Batteries" or "Waste Battery(ies)" or "Used Battery(ies)"? [3745-273-14(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
UNIVERSAL WASTE LAMPS		
8.	Does the SQUWH contain lamps in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with contents of the lamps? Are containers or packages closed and do they lack evidence of leakage, spillage or damage that could cause leakage? [3745-273-13(D)(1)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
NOTE: Treatment (such as crushing) by a UWH is prohibited under this rule unless the facility is permitted for such activities [3745-273-31(B)]. A generator crushing lamps must manage lamps according to hazardous waste rules (OAC Chapter 3745-52). Lamp crushing is a form of generator treatment (OAC rule 3745-52-34). Crushed lamps must be transported by a registered hazardous waste transporter to a permitted hazardous waste facility using a hazardous waste manifest.		
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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

ACCUMULATION TIME		
11.	Is the waste accumulated for less than one year? [3745-273-15(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. If not, is the waste accumulated over one year in order to facilitate proper recovery, treatment or disposal? (Burden of proof is on the handler to demonstrate) [3745-273-15(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Accumulation is defined as date generated or date received from another handler.</i>		
12.	Is the handler able to demonstrate the length of time the universal waste has been accumulated? [3745-273-15(C)] If yes, describe below:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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 <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
RESPONSE TO RELEASES		
14.	Are releases of universal waste and other residues immediately contained? [3745-273-17(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.	Is the material released characterized? [3745-273-17(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
16.	If the material released is a hazardous waste, was it managed as required in OAC Chapters 3745-50 through 3745-69? (If the waste is hazardous, the handler is considered the generator of the waste and is subject to OAC Chapter 3745-52) [3745-273-17(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
OFF-SITE SHIPMENTS		
<i>NOTE: If a SQUWH self-transport waste, then the handler must comply with the Universal Waste transporter requirements.</i>		
17.	Are universal wastes sent to either another handler, destination facility or foreign destination? [3745-273-18(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
18.	Is the handler aware of DOT requirements for packaging and shipping? If no, make aware of 49 CFR 171-180.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
19.	Prior to shipping universal waste off-site, does the originating handler ensure that the receiver agrees to receive the shipment? [3745-273-18(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
20.	Has the originating handler ever had an off-site shipment rejected by another handler or destination facility?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	a. If yes, did the originating handler receive the waste back or agree to where the shipment was sent? [3745-273-18(E)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
21.	If a handler rejects a partial or full load from another handler, does the receiving handler contact the originating handler and discuss and do <u>one of the following</u> :	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	a. Send the waste back to the originating handler or send the shipment to a destination facility (If both the originating and receiving handler agree)? [3745-273-18(F)(2)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
22.	If the handler received a shipment of hazardous waste that was not a universal waste, did the SQUWH immediately notify Ohio EPA? [3745-273-18(G)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
EXPORTS		
23.	Is waste being sent to a foreign destination? If so:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

a.	Does the small quantity handler comply with primary exporter requirements in OAC rules 3745-52-53, 3745-52-56, and 3745-52-57? [3745-273-20(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is waste exported only upon consent of the receiving country and in conformance with the U.S. EPA "Acknowledgment of Consent" as defined in OAC rules 3745-52-50 to 3745-52-57? [3745-273-20(B)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Is a copy of the U.S. EPA "Acknowledgment of Consent" provided to the transporter? [3745-273-20(C)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>