



Environmental
Protection Agency

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

Re: Crawford County
GE Bucyrus Lamp Plant
Indirect Discharge Permit

February 14, 2011

Mr. Jeremy Breitner, EHS Manager
GE Bucyrus Lamp Plant
1250 South Walnut Street
Bucyrus, Ohio 44820

Dear Mr. Breitner:

On January 13, 2011, an inspection was made of the pretreatment facilities serving the GE Bucyrus Lamp Plant in Bucyrus, Crawford County. Ms. Maureen Shea and you were present and provided information regarding the operation of the treatment facilities. At the time of inspection, operations of the facilities were good.

We have received your permit renewal application and are currently working on the permit. As discussed, the permit will only have the 005 outfall, which includes the wash water from the coater, the reverse osmosis backwash water, and sanitary waste. The storm water outfalls will be included in an individual National Pollutant Discharge Elimination System (NPDES) permit. Please ensure that you submit the application for the individual storm water permit as soon as possible, so that we can issue the permit before your general permit coverage expires in May.

We are in receipt of your self-monitoring reports covering the months of January 2010 through December 2010. Our review indicates no violations of the limits of the facility's Indirect Discharge permit. There were a significant number of frequency violations. Please be sure that you are sampling as described in your permit.

Our completed inspection report is enclosed. If you have any questions, please feel free to call me at (419) 373-3019.

Sincerely,

Michelle M. Sharp
Division of Surface Water

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Enclosure

pc: City of Bucyrus WWTP w/enclosures
NWDO-DSW File w/ enclosures
Ryan Laake, DSW, CO w/enclosures

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PRETREATMENT INSPECTION REPORT

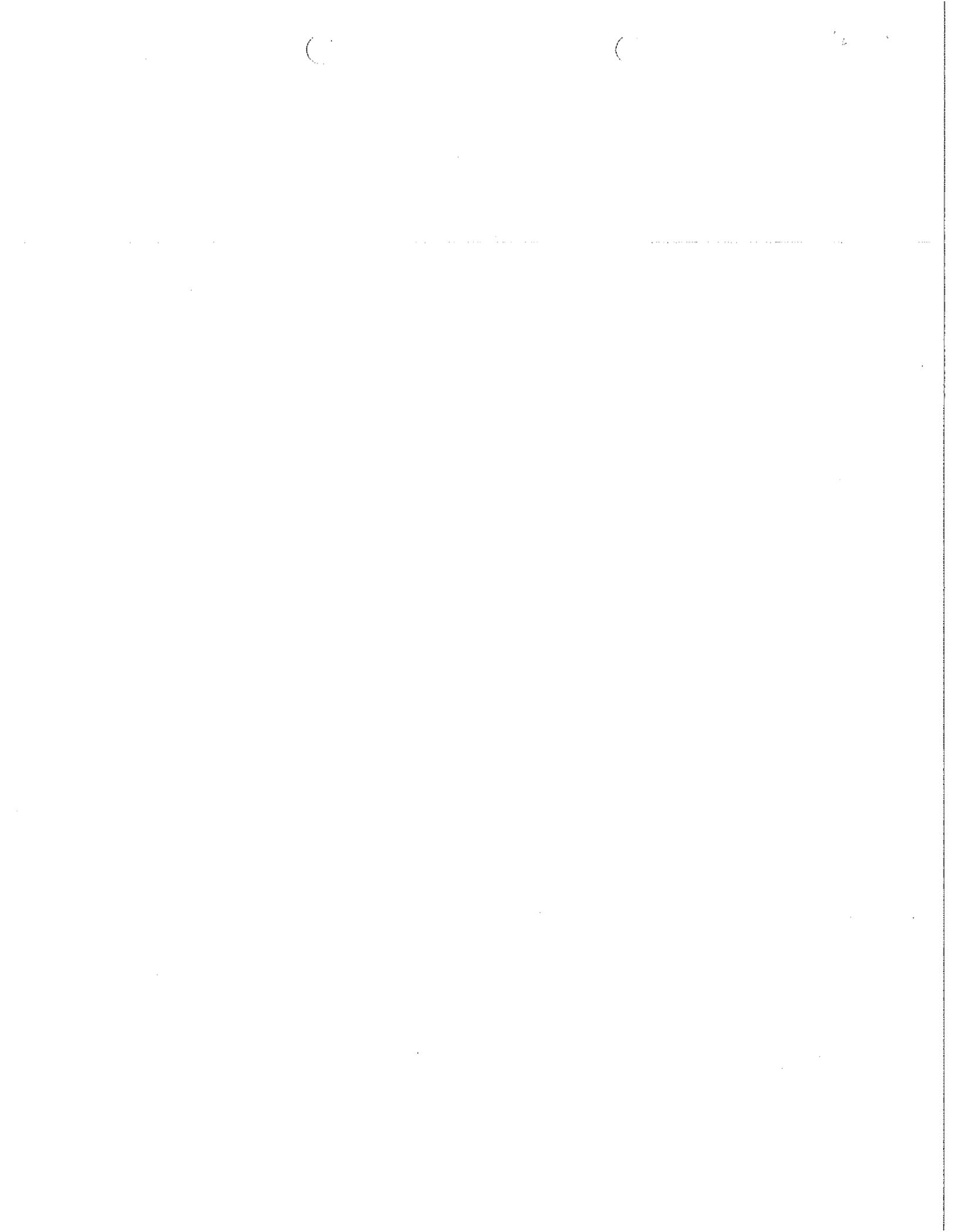
Ohio Environmental Protection Agency

FACILITY NAME GE Bucyrus Lamp Plant		PERMIT NUMBER 2DP00076	FACILITY NUMBER
INSPECTION TYPE P	INSPECTOR M. Sharp	FACILITY TYPE 2	DATE CONDUCTED January 13, 2011

GENERAL INFORMATION	
NAME AND LOCATION OF FACILITY <i>GE Bucyrus Lamp Plant 1250 South Walnut Street Bucyrus, OH 44820</i>	
MAILING ADDRESS OF FACILITY <i>GE Bucyrus Lamp Plant 1250 South Walnut Street Bucyrus, OH 44820</i>	
CONTACT (NAME/TITLE/PHONE) <i>Mr. Jeremy Breitner/EHS Manager/419-563-1325</i>	

FACILITY EVALUATION									
(S = Satisfactory, M = Marginal, U = Unsatisfactory)									
<table border="1"> <tr><td>S</td><td>Pretreatment</td></tr> <tr><td>S</td><td>Site/Facility Review</td></tr> </table>	S	Pretreatment	S	Site/Facility Review	<table border="1"> <tr><td>S</td><td>Chemical Storage</td></tr> <tr><td>S</td><td>Self Monitoring</td></tr> </table>	S	Chemical Storage	S	Self Monitoring
S	Pretreatment								
S	Site/Facility Review								
S	Chemical Storage								
S	Self Monitoring								
* See inspection letter									

Names(s) and Signature(s) of Inspector(s)	Agency / Office / Telephone	Date
Michelle Sharp	Ohio EPA/NWDO/419-373-3019	
		2/14/11
Signature of Reviewer		Date
Elizabeth A. Wick, P.E.	Ohio EPA/NWDO/419-373-3002	
		1/20/11



INDUSTRIAL USER INSPECTION CHECKLIST

Facility:	GE Bucyrus Lamp Plant	Date of inspection: January 13, 2011
OH Number:	OHP000209	IDP Number: 2DP00076
Facility Representative:	Mr. Jeremy Breitner & Ms. Maureen Shea	Inspector(s): Michelle Sharp & Andy Gall

COMPLIANCE

1. Date of last pretreatment inspection: January 25, 2010

2. Has the facility been in compliance with its permit limits since the last inspection? Y
If no, explain:

3. Is the facility in compliance with all other requirements? Y
Sampling procedures Y
Reporting (late reporting, failure to report, etc) Y
Compliance schedules NA
Submitted BMR and 90 day compliance reports NA
Any other requirements Y

If any of the above five answers is no, explain:

4. Was the facility required to perform any actions as a result of the last inspection? N
Explain any unresolved actions:

FACILITY OPERATIONAL CHARACTERISTICS

5. Number of Employees: 245
6. Shifts/Day: 3 Shifts
7. Production Days/Year: 315
8. Hours/shift: 8 Hour

9. Any production changes since the last inspection? Y
If yes, explain:
Installed HSH-4. New T8 high speed horizontal production starting second quarter.

10. General facility description and operations:
Light Making

11. Any change in materials used in production since the last inspection? N
If yes, explain:

12. Any expansion or production increase expected within the next year? Y
If yes, explain:
See 9. Will start 1 shift in second quarter and hope to be continuous operation by fourth quarter.

WASTEWATER TREATMENT CONTINUED

23. Are residuals or sludges generated? Tin Chloride from air scrubber Y

Method of disposal: Hauled off site to Conversion in Macedonia, Ohio

Frequency and amount of disposal: 10,000 lb per quarter

Name of hauler/landfill/disposal facility: GE hauls it to Conversion

Is any sludge generated subject to RCRA regulations? N

If land applying sludge, is there a sludge management plan? NA

PROCESS AND WASTEWATER INFORMATION

24. List all processes generating wastewater, current wastewater flows, and where applicable, production rates as well as values on which the permit limits are based:

REGULATED PROCESS	SAMPLE LOCATION	WASTEWATER FLOW (GPD)		PRODUCTION DATA (SPECIFY UNITS)	
		Permit	Current	Permit	Current
1. Process Water			35,000		
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
Total Regulated Process Flow					
Non-contact Cooling					
Blowdown					
Reverse Osmosis Condensate					
Demineralizer Regeneration					
Filter Backwash					
Compressor Condensate					
Storm Water					
Other Dilute Flows					
Unregulated Flows (provide list)					
Sanitary					
TOTAL FLOW		14 k			

25. For the above flows not discharged to the POTW, list point of discharge and permit (if any).
After a 0.54 inch rain 003 has 68,000 gpd and 004 has not been sampled yet.

SELF MONITORING

26. Sample location(s) described in the facility's permit:
Outfall 005 – manhole inside building
27. Is the facility sampling at the location(s) described in the permit? Y
 If no, describe the actual location:
28. Is the location(s) where the facility is sampling representative? Y
 If no, indicate a representative location:
29. Is the flow measured or estimated? Estimated
 If measured, how often is the meter calibrated?
 If estimated, describe method of estimation: Based on water meter
30. Is pH monitored continuously? Y
 If yes, how often is the meter calibrated? Once per month
31. Does the facility collect its own samples? Y
 If no, specify the sample collector:
32. Are appropriate sampling procedures followed? Y
 Monitoring frequencies Y
 Sample collection (grab for pH, O&G, CN, phenols, VOCs, hexavalent chromium) Y
 Flow proportioned samples NA
 Proper preservation techniques Y
 Sample holding times Y
 Chain-of-custody forms Y
33. Are samples analyzed in accordance with 40 CFR 136? Y
34. Laboratory conducting analyses: Test America in Dayton, Ohio

TOXICS MANAGEMENT

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| 35. Are any listed toxic organics used in the facility?
If yes, identify organics: | N |
| 36. Does the facility have a current toxic organic management plan(TOMP)?
If yes, is it being implemented? | NA
NA |
| 37. Has the facility had any uncontrolled releases or spills to the POTW since
the previous inspection? If yes, please explain: | N |
| 38. Does the facility need a spill prevention plan or slug discharge control plan?
If yes, does the facility have a written plan? | N
NA |
| 39. Identify any potential slug load or spill areas: | |

REQUIRED FOLLOW-UP ACTIONS

