

**Environmental
Protection Agency**

Governor

Lt. Governor

Director

August 23, 2011

RE: KING LUMINAIRE JEFFERSON PLANT
OHIO EPA PERMIT 3PR00324
JEFFERSON TWP., ASHTABULA COUNTY
COMPLIANCE EVALUATION INSPECTION

Ms. Jessica Detweiler, Plant Manager
The Stresscrete Group
King Luminaire, Company, Inc.
P.O. Box 266
Jefferson, OH 44047

Dear Ms. Detweiler:

On August 5, 2011, a site inspection was conducted at the above referenced facility at 1153 State Route 46 North, Jefferson Township, Ashtabula County. The inspection was conducted by John Schmidt of this office. Mr. Rob Warta, Inventory Supervisor, represented King Luminaire Company, Inc. during the inspection. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit. The last compliance inspection was conducted on August 31, 2010.

There are no floor drains within the manufacturing building. No industrial process waste water is discharged to the waste water treatment system. The sole source of the wastewater flow is domestic sewage from employee restrooms. Storm water management includes water from building footer drains and runoff from paved areas of the facility. Storm water is diverted to ditches around the perimeter of the facility. There is no storm water pond. Since the last inspection, you have constructed a 40 foot by 200 foot warehouse to house materials formerly stored outside exposed to the elements.

Observations

The following observations were made during the inspection:

1. The flow equalization pumps and alarms were cycled and the pumps found in operating condition. The alarm was not operable and needs repaired. This needs to be corrected immediately.
2. A log book of repairs and observations is maintained at the WWTP. Roger Osborne of Lewis Wastewater Management (Lewis), performs routine operations at the WWTP, monitors the facility, and performs the sampling and submission of the electronic discharge monitoring report (eDMR) through Ohio EPA's Web-based application. Plant personnel perform daily plant inspections and notify Lewis if there is a problem.
3. The contents of the aeration tank were a dark brown color, had good aeration and had a slight septic odor. The color and odor suggest that the biological system may need attention. The blowers were cycled and found in operating condition.
4. Clarifiers were observed clear. The skimmer and return sludge lines were observed in operational condition. The return lines were returning clear liquids, indicating that sludge is not being returned to the aeration system. The sides of the clarifier must be scraped down to direct sludge to the aeration system. Effluent weirs were noted as reasonably clean and free of debris.

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5. The pumps for the sand filter dosing station were cycled and found in operating condition.
6. The surface sand filters were found in fair condition, and was discharging at the time of the inspection. The wastewater entering the sand filters was observed as clear. Both filters were found as free of vegetation. Dried sludge was noted in the north bed, and must be removed.
7. The chlorine contact tank was found stocked with appropriate chemicals and was providing disinfection for the facility. The dechlorination system was also found stocked with chemicals and was providing dechlorination for the facility.
8. The final discharge was found discharging an effluent of satisfactory visual quality; clean and clear with no noticeable odor.

NPDES Permit Compliance Review

A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period August 1, 2010 through July 1, 2011, indicates apparent noncompliance of the terms and conditions of your NPDES permit as identified below:

Limit Violations and Compliance Schedule Violations

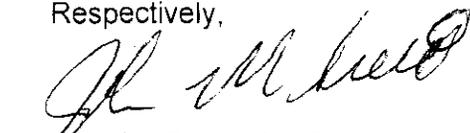
No effluent limit violations or compliance schedule violations were noted for the period reviewed.

Reporting Violations

No specific reporting code or reporting frequency violations were noted for the reporting period reviewed; however, Ohio EPA notes that the eDMR report for June 2011, which was due no later than July 20, 2011, has not been filed for this facility. Please provide an explanation as to why this submission is late.

If you have any questions or comments regarding this inspection, please feel free to contact me at (330) 963-1175.

Respectively,



John M. Schmidt P.E., R.S.
Environmental Engineer
Division of Surface Water

JMS:bo

pc: Dustin Lewis, Lewis Wastewater Management

File: SP/Ashtabula/Jefferson Twp/King Luminaire Company, Inc.(3PR00324)