



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

July 25, 2013

RE: LAKE COUNTY
PERRY TWP.
YMCA OUTDOOR FAMILY CENTER
NPDES PERMIT NO. 3PR00379
APPLICATION NO. OH0134686

NOTICE OF VIOLATION

Jessica Martin
Executive Director
YMCA Outdoor Family Center
4540 River Road
Perry, OH 44081

Dear Ms. Martin:

On July 18, 2013, this writer conducted a compliance evaluation inspection of the wastewater treatment system serving the YMCA Outdoor Family Center. The purpose of the inspection was to evaluate the plant's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit. Mr. Don Elliot accompanied this writer during the inspection.

The plant was producing an effluent of satisfactory visual quality in that there was no evidence of solids, debris, or oil and grease. The following observations were noted:

- The extended aeration plant was in operation. The aeration tank mixed liquor and the content of the sludge return line were light brown in color. The plant is underloaded. Efforts should be made to increase the organic load to the plant. Please consult with your operator.
- Sludge was evident on the surface of the south filter bed and should be removed. Assurances must be made that 18 inches of Ohio EPA approved filter sand exists on the filter bed. Ohio EPA approved filter sand has an effective size of 0.4mm to 1.0 mm and a uniformity coefficient that does not exceed 3.0. The sand must be distributed evenly across the surface of the filter bed.
- The chlorinator contained chlorine tablets; however, this writer had difficulty checking the chlorinator. The chlorine contact chamber is designed in such that access to the chlorinator is awkward, difficult and potentially dangerous for the operator placing the tablets in the chlorinator. There is inadequate foot room for standing on the inner ledge of the chlorinator. The YMCA should consider changes to the chlorinator that would facilitate ease of access to the chlorinator.
- The plant has no dechlorination facilities.
- No effluent was observed in the evaporation lagoon.
- The O & M log book was located in the electric panel. The log book appeared satisfactory.

A review of the Discharge Monitoring Reports (DMRs) revealed no discharge limitation violations at Internal Station 601 or Outfall 001 during the period of June 2011 through June 2013; however, invalid use of data substitution codes were noted. For reporting of the chlorine residual at Outfall 001, the data substitution code AL (no discharge) has been reported. Please be aware that the AL code is valid only for reports submitted on paper or via Swimware and should not be used when submitting data through the e-DMR system. If no discharge occurred for the full monitoring period, select the No Discharge check box at the top of the e-DMR form.

Be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting and compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to Ohio Revised Code Chapter 6111.

Within 10 days of the date of this letter, you are required to notify this office, in writing, outlining the corrective action, either actual or proposed, that will be taken to eliminate the highlighted deficiencies.

Should you have any questions regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



Marie Underwood, P.E.
Environmental Engineer
Division of Surface Water

MU/cs