



**Environmental
Protection Agency**

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

March 11, 2013

RE: LAKE COUNTY
PERRY TOWNSHIP
PERRY MOBILE HOME PARK
2826 NORTH RIDGE ROAD
NPDES PERMIT NO. 3PV00072
APPLICATION NO. OH0111767

Mike Snyder
8881 Johnnycake Ridge Road
Mentor, OH 44060

Dear Mr. Snyder:

On March 5, 2013 this writer conducted a compliance evaluation inspection of the sewage treatment plant serving Perry Mobile Home Park. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit.

At the time of inspection, the plant was producing an effluent with a satisfactory visual quality in that there was no evidence of solids, oil or grease. The following observations were noted:

- The extended aeration plant was operational. The mixed liquor suspended solids and return sludge line discharge color were brown. The settling tank wastewater was turbid. An excessive amount of sludge was behind the baffles, on the water and in the effluent trough. The sludge wasting rate may require adjusting.
- The east filter bed was in use and had an excessive amount of sludge on its surface. The sludge and the sludge laden sand on the surface of the beds must be removed from the filter bed. Please ensure that each filter bed contains 18 inches of Ohio EPA approved filter sand. Approved filter sand consist of clean and washed sand with an effective size between 0.4 and 1.0 mm and a uniformity coefficient not greater than 3.0. The filter sand must be raked with an even distributed across the surface area of the bed. The filter beds must be routinely switched to maximize the performance of the filter beds.
- Disinfection will commence May 1, 2013. Please ensure that the chlorinator and dechlorinator are re-installed with chlorine and bisulfite tablets in the respective risers.

The above highlighted deficiencies must be corrected.

A review of the Discharge Monitoring Reports (DMRs) for Outfall 001, covering the period of December 2011 to February 2013 revealed no effluent limitation violation.

The average daily design flow of the wastewater treatment plant continues to be reported on the discharge monitoring reports as the daily estimated flow. As relayed to you in previous letters from this office, acceptable methods for estimating daily flow at plants are, in order of preference: 1) elapsed time meters on sand filter dosing pumps; 2) elapsed time meters on influent pumps; 3) water use records.

Continued failure to report discharge flows using acceptable methods may result in a schedule of compliance for the installation of a flow meter in the renewal NPDES permit.

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.

The NPDES permit for the mobile home park expires August 31, 2013. Pursuant to Ohio Administrative Code 3745-33-03, a renewal permit and application fee must be submitted to Ohio EPA, 180 days prior to the expiration date of the permit. The application for a renewal permit was due February 31, 2013. This district office has yet to receive the application. *Please immediately submit to this district office, an NPDES permit application and the applicable application fee. The NPDES permit application forms were submitted to you on November 5, 2012. The forms may also be obtained from the Division of Surface Water website at www.epa.ohio.gov/dsw.*

Once this district office receives the application forms, the renewal permit will be drafted. The draft permit will require a few more pollutant parameter effluent monitoring than is in your existing permit. A copy of the draft permit will be mailed to you. Please review it carefully. A 30-day comment period will be provided. All comments regarding the draft permit must be submitted to this office in writing.

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

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

Sincerely,



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

MU/cs