



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korieski, Director

February 13, 2009

RE: VILLAGE OF LEETONIA
COMPLIANCE EVALUATION INSPECTION
NPDES PERMIT NO. 3PB00017

Mr. Gary Phillips
Village Administrator
Village of Leetonia
300 East Main Street
Leetonia, OH 44431-1197

Dear Mr. Phillips:

On January 27, 2009, this writer met with Mr. Butch Donnalley and conducted an inspection of the operation and maintenance of the Leetonia Wastewater Treatment Plant located at 2 St. Peters Street. The wastewater treatment is currently well maintained and there are a few minor non-compliance issues with your NPDES Permit (3PB00026).

The following is a summary of the inspection:

The treatment system includes bar screen by-pass, grit removal, grinder, influent pumping, flow equalization, aeration, clarification, rapid sand filters, UV disinfection and the final effluent discharges to the East Branch of the Middle Fork of Little Beaver Creek.

- 1) The plant was operating satisfactorily and appeared to be producing a good effluent. Most of the units were operational with some minor repairs to one of the rapid sand filters being completed. The flow equalization basin was full because the collection mechanism for the final clarifiers needed to be de-iced and these tanks had to be emptied.
- 2) One problem that must be corrected is grit from the grit chamber was being buried on site. This practice must cease immediately and all grit and screenings must be sent to a municipal landfill.
- 3) At the time of the inspection a discussion of sampling after ultraviolet disinfection took place. Mr. Donnalley was correct in that a seeded BOD analysis would be necessary. If the sample is taken prior to the disinfection system a standard BOD analysis will be satisfactory.

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- 4) The plant's superintendent and staff are doing a good job maintaining and operating the treatment and collection system. Several improvements are innovative and their work is designed to save the community economic hardship.
- 5) The plant operational problems appear to result from Infiltration and Inflow due to storm events which result in high flows at the plant. Increased flows at the treatment plant are documented at the treatment plant almost immediately. The Village's infiltration and inflow into the collection system must continue to be evaluated. The Village is currently evaluating an upgrade of the plant's head works and additional equalization capacity.
- 6) There have been some complications with the electronic submission of the plant's Discharge Monitoring Reports. The plant staff is correcting the problem. A review of the most recent discharge data available didn't reveal any significant violations. A more detailed evaluation will be completed after the next inspection when the reporting problems are corrected.

By March 16, 2009, the Village must respond in writing the steps being taken to reduce infiltration and inflow in the collection system.

Should you have any comments or questions, feel free to contact me at (330) 963-1193.

Respectfully,



Joseph E. Trocchio, P.E.
Environmental Engineer
Division of Surface Water

JET/mt

cc: Butch Donnalley, Superintendent
Artie Altomare

File: Public/Permit Compliance/Village of Leetonia