



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

August 15, 2013

RE: COLUMBIANA COUNTY
CITY OF EAST LIVERPOOL
NPDES PERMIT NO. 3PD00009
EAST LIVERPOOL WWTP
500 WEST 4th STREET

Mayor and Council
City of East Liverpool
110 West Sixth St.
East Liverpool, OH 43920

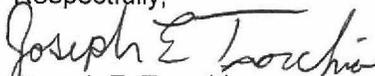
Ladies and Gentlemen:

On August 8, 2013, this writer conducted an inspection of East Liverpool Wastewater Treatment Plant (WWTP), located at 500 West 4th Street, East Liverpool, Ohio. The purpose of the inspection was to review the water pollution control facilities and evaluate compliance with the facility's National Pollutant Discharge Elimination System (NPDES) permit. The following was observed at the time of the inspection:

- 1) The facility appeared well maintained and well operated. A review of the of monthly operating report data from January 2012 through July 2013 revealed no effluent violations during that time. At the time of the inspection, all treatment processes appeared to be operating satisfactory. The RBC's had some minor grease build up that needed to be removed. The gear box on the south clarifier had been repaired and returned to normal operations after approximately a week. The superintendent and his staff appear to do a good job maintaining repairs with the resources available.
- 2) The plant appears to have an infiltration and inflow troubles. During the above referenced time frame the plant experienced peak flows as high as 7.6 mgd. This is well above the design flow of 3.1 mgd. It should be noted that overflows from the collection system or the treatment plant (only three during the referenced time period) were minimal. However, the City should begin steps to correct and remove infiltration and inflow from the system. Sewer cleaning and rehabilitation projects can remove excess clean water from entering the system. The City should also have laws in place preventing clean water connections such as roof drains and foundation drains to the sanitary sewer system. If no law currently exists, the City should correct this oversight immediately.
- 2) The treatment plant has had some recent elevated levels of mercury in the discharge. These issues have not been historical problems but rather from potential spills, however, the draft permit will have mercury limits based on the waste load allocation. The City will need to evaluate the mercury levels in the system and effluent to decide if the plant can meet its permit limit or apply for a mercury variance. The plant staff has begun to evaluate potential mercury sources and to take corrective measures.

Should you have any comments or concerns regarding this letter, please feel free to contact me at (330) 963-1193.

Respectfully,


Joseph E. Trocchio
Environmental Engineer
Division of Surface Water

JET/cs

cc: Bob Wright, Superintendent, City of East Liverpool
File/Public/Permit Compliance/East Liverpool WWTP