



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 Korleski, Director

June 9, 2008

RE: CITY OF LOUISVILLE WWTP
NPDES 3PD00033
2008 CEI

Mayor & Council
City of Louisville
215 South Mill St.
Louisville, OH 44641-1699

Dear Mayor & Council:

On June 3, 2008, this office conducted a compliance evaluation inspection (CEI) of the City of Louisville Wastewater Treatment Plant (WWTP). Present during the inspection were this writer and Bill Glick, Utilities Superintendent, City of Louisville.

At the time of the inspection, the treatment system was producing what appeared to be a satisfactory quality effluent. The mixed liquor in the aeration tanks had a good color. The final clarifiers were producing a clear effluent.

The primary clarifiers are not being used due to the low organic content of the influent wastewater. The influent CBOD is normally below 100 mg/l. According to Mr. Glick, treatment has improved since these tanks were taken off line. Phosphoric acid is being added to the aeration tanks due to the low level of phosphorus in the mixed liquor.

The mechanical influent bar screen is under construction and should be completed by December 2008. The sludge press polymer feed system was replaced with a new system. Sludge is pressed four days per week, with 200 wet tons of sludge per year being hauled to the American Landfill.

There were no sanitary sewer system overflows (SSOs) from August 2005 to the present. The City has implemented a sanitary sewer system maintenance program which has focused on the problem areas in the collection system. These areas are regularly jetted to prevent sewer backups. Approximately 8,000 feet of the collection system was televised in the past year. One manhole was found to be in very poor condition and was repaired. According to Mr. Glick, the collection system is in good condition. Mr. Glick expects that the main trunk line, which is located in an area with a high water table, is a major source of infiltration. The City plans to televise this line in the near future.

Part I,C of your NPDES permit (Schedule of Compliance) required the City to submit an engineering plan to control inflow and infiltration (I&I) in the collection system to Ohio EPA by May 1, 2006. Our records reveal that this plan was not submitted to Ohio EPA. Therefore, you are in noncompliance with your NPDES permit. You are directed to respond to this office, in writing, as to when this plan will be submitted to Ohio EPA.

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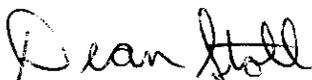
Also, the installation of the bypass line around the primary clarifiers and the installation of the sludge polymer feed system require a permit-to-install (PTI) from Ohio EPA. You are directed to submit as built drawings accompanied by a permit-to-install application within ninety days from the date of this letter. Failure to submit this application will result in this matter being referred to our legal section for an enforcement action.

A review of your Discharge Monitoring Reports (DMRs) covering the period January 2006 through April 2008 revealed the following effluent violation:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2006	001	Chlorine, Total Residu	1D Conc	0.022	.2	8/6/2006

Should you have any questions or comments regarding this letter, please feel free to contact this office at (330) 963-1197.

Sincerely,



Dean W. Stoll, P.E.
Environmental Engineer
Division of Surface Water

DWS/mt

cc: Bill Glick, Utilities Superintendent, City of Louisville
James McBeath, Director of Service Operations, City of Louisville

File: Public/Permit Compliance