



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

May 13, 2013

RE: MAHONING COUNTY  
ELLSWORTH COUNTY  
PIOUS SOCIETY OF ST. PAUL  
NPDES PERMIT NO. 3PR00224  
FSY 2013 CEI

Br. Dismus Beique, ssp  
Society of St. Paul  
P.O. Box 595  
Canfield, OH 44406

Br. Beique

On April 15, 2013, this writer conducted an unannounced inspection of the wastewater treatment system for the Pious Society of St. Paul. The intent of the inspection was to evaluate operations and maintenance of the system. A review of the monitoring record was also conducted as part of this inspection.

### Observations

Following are observations made at the time of the inspection:

1. The aeration tank had good color and mixing. The return sludge was medium brown color as was the contents of the aeration tank.
2. The clarifier had very little floating sludge or foam on the surface. There was some foam at the effluent weirs. You indicated the foam was routine coming out of the winter season and will be removed.
3. It was not the disinfection season, and therefore, no disinfection tablets were in place. You had indicated that the tablets will be in place on May 1st to provide disinfection of wastewater.
4. Both blowers appeared to be operational at the time of the inspection. You indicated that the blowers are periodically alternated to exercise the blowers and to ensure that the blowers are operational.

### Compliance Review

The compliance record for the facility was reviewed as part of this inspection. The period of review was April 2012 through March 2013, Following are violations identified during the review.

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
April 2012	Dissolved Oxygen	1D Conc	6.0	5.5	4/19/2012
May 2012	Fecal Coliform	30D Conc	1000	20000.	5/1/2012

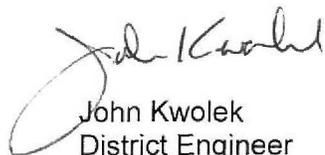
May 2012	Fecal Coliform	7D Conc	2000	20000.	5/22/2012
May 2012	Dissolved Oxygen	1D Conc	6.0	5.6	5/24/2012
July 2012	Total Suspended Solids	30D Conc	12.0	14.	7/1/2012
July 2012	Fecal Coliform	30D Conc	1000	20000.	7/1/2012
July 2012	Fecal Coliform	7D Conc	2000	20000.	7/22/2012
August 2012	Chlorine, Total Residual	1D Conc	0.019	26.	8/23/2012
September 2012	Chlorine, Total Residual	1D Conc	0.019	22.	9/30/2012
October 2012	Chlorine, Total Residual	1D Conc	0.019	22.	10/1/2012
December 2012	Total Suspended Solids	30D Conc	12.0	15.	12/1/2012
March 2013	Total Suspended Solids	30D Conc	12.0	14.	3/1/2013

The majority of the violations were identified with disinfection of the wastewater. The violations for Fecal Coliform and Total Residual Chlorine have placed the Pious Society of St. Paul in Significant Noncompliance (SNC) with the NPDES Permit. Such violations are subject to enforcement action by the Director of Ohio EPA in accordance with Ohio Revised Code (ORC) 6111.

The treatment system does appear to be well maintained and operated. Therefore, consistently maintaining chlorination and de-chlorination tablets in the treatment system will eliminate violations that have caused the Pious Society of St. Paul to be in SNC. The system should be checked at least weekly to determine if disinfection tablets should be added to the system. The system should never be permitted to discharge during the disinfection season unless chlorination and de-chlorination tables are in place.

You may contact this writer at (330) 963-1251 or at [john.kwolek@epa.ohio.gov](mailto:john.kwolek@epa.ohio.gov) in the event you have any questions regarding this inspection report.

Respectfully,



John Kwolek  
District Engineer  
Division of Surface Water

JK/cs

cc: John Lubonovic, Mahoning County Department of Health