



**Environmental
Protection Agency**

Bob Strauss, Governor
Mike DeWine, Lt. Governor
Tommy Franke, Director

May 7, 2010

RE: PIOUS SOCIETY OF ST. PAUL
NPDES PERMIT NO 3PR00224*BD
2010 CEI

Br. Dismas Beique
Pious Society of St. Paul
P.O. Box 595
Canfield, OH 44406

Br. Beique:

On April 19, 2010, this writer conducted an 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 monitoring records was also conducted as part of this inspection.

Observations:

The condition of the treatment system was satisfactory at the time of the inspection. The contents of the aeration tank had good color and mixing.

One concern that we discussed was the condition of the effluent weir and trough. The bottom of the trough contained sludge deposits, and the effluent weir was surrounded by scum. The area behind the influent baffle was being aerated at the time of the inspection. This practice could have been the cause of the scum and sludge at the effluent trough. The area behind the influent baffle is intended to prohibit scum from travelling further into the clarifier and to act as a storage area for the scum and foam. By aerating the area behind the influent baffle, the scum and foam is being pushed further in to the clarifier where it accumulates in and around the effluent weir.

The practice of aerating the section of the clarifier behind the influent weir should be stopped. Any accumulation of scum and foam should be screened out of the clarifier and disposed with other refuse from the grounds. In addition, it is recommended that the sides of the clarifier hopper be scraped at least twice per week. This will prevent sludge that has accumulated on the hopper sides from floating to the surface of the clarifier. Scraping the sides of the hopper with a squeegee pushes the sludge down to the sludge lift pump where it can be re-circulated back to the aeration tank.

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The effluent was clear at the time of the inspection. There was scum accumulated behind the final baffle in the second pit following the clarifier, however, this is expected to cease after aeration of the clarifier is stopped.

Compliance Review:

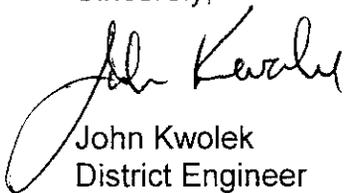
A review of the monthly compliance reports was made during this inspection to determine compliance with the limits in the NPDES Permit. The period of the review was April 2009 through March 2010. Following are violations registered in the Ohio EPA compliance record.

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
October 2009	Fecal Coliform	30D Conc	1000	20000.	10/1/2009
October 2009	Fecal Coliform	7D Conc	2000	20000.	10/15/2009
October 2009	Chlorine, Total Residu	1D Conc	0.019	.15	10/20/2009
April 2009	Total Suspended Solids	30D Qty	0.9	13.5124	4/1/2009
April 2009	Total Suspended Solids	7D Qty	1.36	13.5124	4/22/2009

The Total Suspended Solids violations identified in April 2009 appear to be related to errors in the reported flows for that month. It appears for each day in April 2009, the reported flows are in the hundreds-of-thousands-of-gallons as a result of misplaced decimal points. It is recommended that a revised report containing the corrected flow rates be submitted for April 2009. Correcting the reported flows should eliminate the violations for Total Suspended Solids.

You may contact this writer at (330) 963-1251 or at john.kwolek@epa.state.oh.us to discuss any questions you may have.

Sincerely,



John Kwolek
District Engineer
Division of Surface Water

JK/mt

cc: Joe Mansky, Mahoning County Department of Health