



**Environmental
Protection Agency**

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

September 28, 2012

RE: MAHONING COUNTY
BELOIT POTW
NPDES PERMIT NO: 3PB00005
SFY 2013 INSPECTION

Board of Public Affairs
P.O. Box 276
Beloit, OH 44609
Attn: Mr. Roger Greenwalt, President

Mr. Greenwalt:

On Tuesday, September 25, 2012, this writer conducted an unannounced reconnaissance inspection of the Beloit publicly owned treatment works (POTW). The intent of the inspection was to observe the condition of the aeration tanks and the effluent, and to review the compliance schedule included in the National Pollutant Discharge Elimination System (NPDES) Permit. No one was present at the facility on the time of the inspection. Therefore, this writer observed the aeration tanks from outside the fence area and walked the receiving stream to evaluate any impacts from the discharge of treated wastewater.

Observations

Following are observations made during the inspection:

1. The aeration tanks had good mixing. The color at the time of the inspection was medium to slightly dark brown.
2. The clarifiers in the Chicago system had some light colored foam on the surface. It is unclear what may have caused the foam since no foam was observed on the aeration tanks.
3. No wastewater was being stored in the equalization tank.
4. The effluent being discharged at the time of the inspection was clear and had no noticeable odor.
5. The receiving stream showed signs of nutrient enrichment. This is consistent with previous inspections and should be addressed with the plant upgrade to remove phosphorus.
6. The backwater area upstream of the treatment plant outfall contained plant solids. This indicates that solids may periodically escape from the plant and accumulate in the quiescent backwater area. It is anticipated that this will be addressed with the plant upgrades.

Compliance Schedule

A review of the compliance schedule contained in the Beloit NPDES Permit identified the following milestones to be met.

- a. The permittee shall submit an approvable Permit-to-Install (PTI) application for upgrade of the treatment plant as soon as possible but no later than 18 months from the effective date of this permit.

- b. The permittee shall initiate construction of the POTW upgrades as soon as possible, but no later than 27 months from the effective date of this permit.
- c. The permittee shall complete construction of the POTW upgrades as soon as possible, but no later than 42 months from the effective date of this permit.
- d. The permittee shall attain full compliance with the final table limits as soon as possible, but no later than 45 months from the effective date of this permit.

The compliance schedule in the NPDES Permit required Beloit to submit a PTI application no later than September 1, 2012. To date, Ohio EPA has not received the PTI application. Be advised that the PTI application must be submitted to Ohio EPA as soon as possible. Until such time as the application is submitted, Beloit will be considered in noncompliance with the NPDES Permit and may be subject to enforcement action.

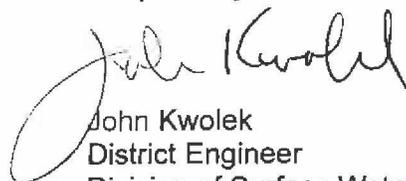
The village must comply with subsequent milestones in the NPDES Permit. Those milestones are:

1. Initiate construction no later than June 1, 2013,
2. Complete construction no later than September 1, 2014, and
3. Achieve full compliance with the final table limits of the NPDES Permit no later than December 1, 2014.

Please keep this office informed of progress with this project; especially, in the event there are any delays.

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

Respectfully



John Kwolek
District Engineer
Division of Surface Water
Northeast District Office

JK/cs