



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

March 18, 2013

RE: BERLIN POTW  
NPDES PERMIT NO. 3PG00147  
FFY 2013 CEI  
HOLMES COUNTY

Mr. Chris Young, P.E., P.S.  
Holmes County Sanitary Engineer  
P.O. Box 29  
Millersburg, OH 44654

Mr. Young,

On February 27, 2013, this writer conducted a Compliance Evaluation Inspection (CEI) of the Berlin POTW. The intent of the inspection was to evaluate operations and maintenance of the system. The compliance record was also reviewed to assess compliance with the National Pollutant Discharge Elimination System (NPDES) Permit.

### **Observations**

Following are observations made during the inspection:

1. The aeration tanks had good color. The aeration system appeared to provide adequate mixing of mixed liquor in the tanks. Because of inconsistent air patterns across the surface of the tank, it appeared that some of the diffusers in the west basin were in need of inspection. However, this is not considered critical and can be worked into other routine maintenance of the tank.
2. The clarifiers were free of significant scum across the surface. However, the weirs were in need of cleaning.

It was recommended that each of the clarifiers be taken out of service on alternating years to perform routine checks of the system. Flights and chains can be inspected along with other critical parts. Any necessary repairs or replacement can occur at that time. This reduces the potential of emergency repairs at inopportune times such as during the winter months.

3. The north sand filter was operational at the time of the inspection. The south filter was out of service due to problems with the travelling bridge. It was understood that the south filter was to be repaired within days of the inspection. Please inform this writer in the event the filter has not yet been repaired.
4. The effluent being discharged to Doughty Creek was clear. No deposition of plant solids was apparent at the outfall.

5. A written record of plant maintenance and operations is maintained at the treatment plant. Any unusual observations, routine maintenance and plant repairs are recorded in the log book

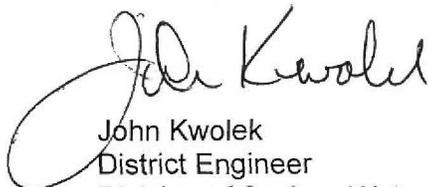
### **Compliance Review**

A review of the monthly compliance reports was conducted as part of this inspection to assess compliance with the NPDES Permit. The period of review was January through December 2012. Following is a list of violations identified during the review period.

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2012	00610	Nitrogen, Ammonia	7D Conc	2.3	4.9885	1/22/2012
January 2012	00610	Nitrogen, Ammonia	7D Qty.	2.62	3.80428	1/22/2012
January 2012	00300	Dissolved Oxygen	1D Conc	6.0	4.45	1/23/2012
December 2012	01119	Copper	30D Conc	32.0	38.	12/1/2012

You may contact this writer at (330)963-1251 or at [john.kwolek@epa.ohio.us](mailto:john.kwolek@epa.ohio.us) to discuss any questions you may have regarding this report.

Respectfully,



John Kwolek  
District Engineer  
Division of Surface Water

JK/cs

Cc: Kevin Dean, Dean's Backflow Service, Inc.,