



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

June 13, 2012

RE: MAHONING COUNTY
CRAIG BEACH WWTP
NPDES PERMIT NO. 3PH00030
2012 CEI

Board of Mahoning County Commissioners
21 West Boardman Street
Youngstown, OH 44503

Gentlemen:

On March 3, 2012, this writer conducted a Compliance Evaluation Inspection (CEI) of the Craig Beach Wastewater Treatment Plant (WWTP). The intent of the inspection was to evaluate and document the condition of the wastewater treatment plant. Mr. Joe DeNiro represented the county during the inspection.

Observations

Two of the treatment races in the oxidation system were being used for treatment. The third race of the aeration system was offline at the time of the inspection. The clarifier online at the time of the inspection was discharging clear effluent. No heavy scum on the surface of the clarifier was observed. One race of the disinfection system was online for chlorination of the wastewater prior to discharge. No scum or solids were observed in the chlorination tank. Clear effluent from the disinfection system was being discharged to the Mahoning River at the time of the inspection.

In previous inspections, the influent and effluent samplers were not operational. However, during this most recent inspection, the samplers were online and flow activated as required by the National Pollutant Discharge Elimination System (NPDES) permit.

One significant concern identified during the inspection was that the grit removal system was not operational. Grit removal is an important process to prevent the accumulation of grit in treatment tanks and to reduce wear on pumps. The grit removal system must be repaired or replaced in a timely manner. In addition, the lighting system inside the grit building was insufficient. Only one of the ceiling lights was operational at the time of the inspection. Mr. DeNiro indicated that the county was going to be addressing these issues in the near future. A compliance schedule will be placed in the renewal NPDES permit to address these concerns. In the event the grit removal system is to be replaced, a permit-to-install (PTI) from Ohio EPA is necessary prior to installation of the new system.

Finally, the county maintains a pump station used to transfer wastewater internally. It was observed during the inspection that the manhole lid over the pump pit was removed from the opening creating an unsafe condition. Since maintenance activities at the pumps station were concluded for the day, the lid should have routinely been replaced to reduce the possibility of accident or the possibility of an animal falling into the pit. In addition, the county should take

steps to repair a fence damaged by a fallen tree and to remove potable water equipment stored on an access road into the plant.

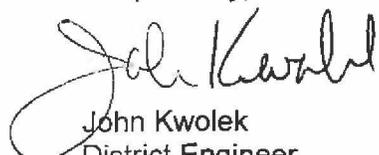
Compliance Review

A review of the compliance record was conducted as part of this inspection. The period of review was May 2011 through April 2012. Following are violations identified during the record review:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2011	001	pH, Minimum	1D Conc	6.5	6.3	9/29/2011
March 2012	001	pH, Minimum	1D Conc	6.5	6.	3/14/2012

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

Respectfully,



John Kwolek
District Engineer
Division of Surface Water

JK/cs

cc. Robert Lyden, Mahoning County Sanitary Engineer
Joe DeNiro, Meander POTW