

**Environmental
Protection Agency**

Paul J. Sciullo, Governor
Lee Fisher, Lt. Governor
John P. Gosciniak, Director

November 16, 2010

RE: CITY OF ALLIANCE WWTP
NPDES #3PD00000

Mayor and Council
City of Alliance
504 East Main Street
Alliance, OH 44601

Dear Mayor and Council:

A compliance evaluation inspection (CEI) of the Alliance Waste Water Treatment Plant was conducted by Dean Stoll and this writer on November 10, 2010. Present during the inspection were Joe Amabeli, Superintendent, and Amy Elliott, Assistant Superintendent, Alliance Waste Water Treatment Plant.

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. The mixed liquor in the aeration tanks had a good color and the plant was producing a clear effluent. Algae was noted in the secondary clarifier weirs.

The flow equalization basin was empty at the time of the inspection. A review of our records covering the period April 2009 through October 2010 revealed no treatment plant bypasses.

The treatment plant laboratory conducts all chemical analyses for NPDES reporting except for thallium, cyanide, priority pollutants and sludge potassium. The final effluent composite sampler had a temperature of five degrees centigrade. The influent composite sampler had a temperature of five degrees centigrade. These temperatures are in the accepted range.

During the inspection Mr. Amabeli indicated that the flow meters have not been calibrated in over a year. The flow meters must be calibrated at least annually to ensure accurate flow measurement. This was also noted in a previous inspection letter.

A review of your discharge monitoring reports (DMRs) covering the period April 2009 through October 2010 revealed the following effluent violation:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2010	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	4.88333	8/1/2010

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As discussed with Mr. Amabeli during the inspection, new water quality standards were adopted by Ohio EPA. These rules require changes to be made to the bacteria and phosphorous monitoring and limits in all new and renewed NPDES permits. The new standards will require the implementation of E. coli limits and monitoring requirements. Additionally, there will be a phosphorous limit and monitoring requirement. The E. coli standards and phosphorous limits will be stated in the renewed NPDES permit. Information regarding the new water quality standards can be found on the Ohio EPA, Division of Surface Water Web site: www.epa.ohio.gov/dsw.

The renewal NPDES permit for this facility will be public noticed in the near future. You will have 30 days from the date of public notice to submit written comments to Ohio EPA regarding the draft permit.

Overall, the results of the inspection were satisfactory. Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1255.

Sincerely,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/mt

cc: Joseph Amabeli, Superintendent, Alliance WWTP

File: Public/Permit Compliance