

**Environmental  
Protection Agency**

John Kasich, Governor  
Robert F. Fisher, Lt. Governor  
Christopher Grady, Director

August 3, 2010

RE: VILLAGE OF SMITHVILLE WWTP  
NPDES 3PB00046  
2010 CEI

Mr. Charles Heath  
Utilities Supervisor  
Village of Smithville  
P.O. Box 517  
Smithville, Ohio 44677

Dear Mr. Heath:

On July 27, 2010, this office conducted a pre-permit compliance evaluation inspection (CEI) of The Smithville Wastewater Treatment Plant (WWTP). Present during the inspection were Dean Stoll and this writer from Ohio EPA and Don Fry, Smithville WWTP operator.

At the time of the inspection, the treatment system was producing an effluent that appeared to be of satisfactory quality. The mixed liquor in the aeration tank had a good color. A significant amount of pin floc and solids were noticed in the clarifiers. The clarifiers should be checked periodically for pin floc formation. The buildup of solids in the clarifiers must be checked and any excessive buildup should be removed. The outfall was easily accessed and some turbidity was noted in the effluent.

A review of your Discharge Monitoring Reports (DMRs) covering the period June 2008 through June 2010 revealed the following effluent violations:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2009	001	Copper, Total Recovera	30D Conc	22	23.	8/1/2009
December 2008	001	Copper, Total Recovera	30D Conc	22	25.	12/1/2008
December 2008	001	Copper, Total Recovera	30D Qty	0.0234	.02773	12/1/2008
March 2009	001	Copper, Total Recovera	30D Qty	0.0234	.02522	3/1/2009
March 2010	001	Copper, Total Recovera	30D Qty	0.0234	.03535	3/1/2010
December 2009	001	Copper, Total Recovera	30D Conc	22	23.	12/1/2009
June 2009	001	Copper, Total Recovera	1D Conc	34	40.	6/23/2009
June 2009	001	Copper, Total Recovera	30D Conc	22	40.	6/1/2009
June 2009	001	Copper, Total Recovera	30D Qty	0.0234	.0321	6/1/2009

As discussed with Mr. Fry during the inspection, new water quality standards were adopted by Ohio EPA. These rules require changes to be made to the bacteria and phosphorus monitoring and limits in all new and renewed NPDES permits. The new

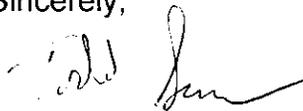
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standards will require the implementation of E. coli limits and monitoring requirements. Additionally, there will be a phosphorus limit and monitoring requirement. The E. coli standards and phosphorus limits will be stated in the renewed NPDES permit. 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](http://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: Wayne County Health Department  
Don Fry, Smithville WWTP

File: Public/Permit Compliance