

**Environmental
Protection Agency**

**Governor
Lt. Governor
Director**

October 19, 2011

RE: WAYNE COUNTY
VILLAGE OF SHREVE
PERMIT NO. 3PB00021

Jacki Chamberlain, Mayor
Village of Shreve
150 West McConkey Street
PO Box 604
Shreve, OH 44676

Dear Ms. Chamberlain:

On September 27, 2011, this writer conducted an inspection of the sewage treatment plant serving the Village of Shreve (Village). The intent of the inspection was to evaluate operations and maintenance of the treatment system. The Village was represented by Kevin Dean, Rick Day and Kim Arwood.

The plant consists of a bar screen, primary clarifiers, trickling filter (plastic media), secondary clarifiers, chlorination and dechlorination. At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. The plant appeared to be in good operation and maintenance condition.

A review of your Discharge Monitoring Reports (DMRs) covering the period January 2010 through August 2011 revealed the following effluent violation:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2010	001	pH	1D Conc	6.5	5.3	2/10/2010
June 2010	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	1.5355	6/1/2010
August 2010	001	CBOD 5 day	7D Conc	27	45.	8/8/2010
August 2010	001	CBOD 5 day	7D Qty	49.4	57.9105	8/8/2010
November 2010	001	Copper, Total Recovera	30D Conc	18	73.	11/1/2010
November 2010	001	Copper, Total Recovera	30D Qty	0.032	.08289	11/1/2010
November 2010	001	Copper, Total Recovera	1D Conc	29	73.	11/3/2010
November 2010	001	Copper, Total Recovera	1D Qty	0.053	.08289	11/3/2010
November 2010	001	Oil and Grease, Hexane	1D Conc	10	51.6	11/3/2010
January 2011	001	Total Suspended Solids	7D Conc	45	45.5	1/15/2011
May 2011	001	Fecal Coliform	7D Conc	2000	9817.84	5/8/2011
May 2011	001	Total Suspended Solids	7D Qty	82	92.9406	5/15/2011
August 2011	001	Fecal Coliform	7D Conc	2000	9222.25	8/8/2011

As discussed with Mr. Dean 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 in all new and renewed National Pollutant Discharge Elimination System (NPDES)

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permit. The new standards will require the implementation of E. coli limits. Additionally, there will be a phosphorous monitoring requirement. The E. coli standards and phosphorous monitoring 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 website: 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.

If you have any questions or comments regarding this letter, please contact this office at (330)963-1255.

Respectfully,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/cs

cc: Wayne County Health Dept.
Kevin Dean, Operator, Deans Backflow Service

File: Public/Wayne/Shreve, Village of