

**Environmental
Protection Agency**

**Governor
Lt. Governor
Director**

November 4, 2011

RE: WAYNE COUNTY
VILLAGE OF CRESTON WWTP
NPDES 3PB00012
2011 CEI

Mayor and Council
Village of Creston
100 N. Main Street
P.O. Box 194
Creston, Ohio 44217

Dear Mayor and Council:

On October 31, 2011, this writer conducted a compliance evaluation inspection (CEI) of the Village of Creston Wastewater Treatment Plant (WWTP). Mark Allen represented the Village of Creston during the inspection.

At the time of the inspection, the WWTP was found to be in good operation. The bar screen was clean and the comminutor was operating. The aeration tanks were in good condition and contained mixed liquor that was a chocolate brown color. The tanks were providing adequate mixing and sufficient air. The one clarifier was off line for repairs. The traveling bridge filters were operating. The UV disinfection system was being prepared to be taken off line for the winter season. The treatment system was producing an effluent that appeared to be of satisfactory quality.

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

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2011	001	CBOD 5 day	30D Conc	10	146.1	2/1/2011
February 2011	001	CBOD 5 day	7D Conc	15	556.45	2/1/2011
February 2011	001	CBOD 5 day	30D Qty	11.4	113.854	2/1/2011
February 2011	001	CBOD 5 day	7D Qty	17.0	423.338	2/1/2011
March 2011	001	Total Suspended Solids	30D Qty	13.6	14.7378	3/1/2011
March 2011	001	CBOD 5 day	30D Qty	11.4	13.2518	3/1/2011
March 2011	001	CBOD 5 day	7D Qty	17.0	22.7429	3/1/2011
April 2011	001	CBOD 5 day	30D Qty	11.4	13.1876	4/1/2011
April 2011	001	Total Suspended Solids	7D Qty	20.4	30.4200	4/15/2011
April 2011	001	CBOD 5 day	7D Qty	17.0	25.0705	4/15/2011
April 2011	001	CBOD 5 day	7D Qty	17.0	21.791	4/22/2011
May 2011	001	Nitrogen, Ammonia (NH3)	30D Qty	1.7	3.8418	5/1/2011
May 2011	001	CBOD 5 day	30D Qty	11.4	15.7247	5/1/2011

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May 2011	001	Nitrogen, Ammonia (NH3	7D Qty	2.6	10.3603	5/22/2011
May 2011	001	CBOD 5 day	7D Qty	17.0	37.4881	5/22/2011
August 2011	001	Nitrogen, Ammonia (NH3	30D Conc	1.5	1.6	8/1/2011
September 2011	001	Nitrogen, Ammonia (NH3	30D Conc	1.5	1.71625	9/1/2011

During the inspection, a new WWTP for the Village was discussed. Due to the age and condition of the current plant, the Village is considering building a new WWTP. Mr. Allen has met with an engineering firm and visited other WWTP in Ohio to view different treatment technologies. If you have any questions about WWTP design or treatment, please feel free to contact me.

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/cs

cc: Wayne County Health Department
Mark Allen, WWTP Operator, Village of Creston

File: Public/Permit Compliance