



**Environmental
Protection Agency**

John Kasich, Governor
Lee Fisher, Lt. Governor
Chris Kuntz, Director

May 13, 2010

RE: STARK COUNTY
MAGNOLIA VILLAGE WWTP
NPDES #3PH00053

Mr. James Jones, Sanitary Engineer
Stark County Sanitary Engineering Department
P.O. Box 7906
1701 Mahoning Road NE
Canton, OH 44705

Dear Mr. Jones:

A pre-permit compliance evaluation inspection of the Magnolia Village WWTP was conducted by Dean Stoll and this writer on May 11, 2010. Present during the inspection was Mark Daverio, O&M Supervisor, Stark County Sanitary Engineer.

The existing sewage treatment system consists of a comminutor, manually cleaned bar screen followed by an aerated lagoon system with four treatment cells. The system has a detention time of approximately thirty days. Liquid sodium hypochlorite is fed into the effluent line for disinfection. The plant is not equipped with dechlorination. However, due to the length of the effluent line the chlorine is dissipated before reaching the receiving stream. The system discharges to Sandy Creek.

At the time of the inspection, the treatment plant was in good operation and maintenance condition. There were no odors from the lagoon system.

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

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2010	001	Oil and Grease, Total	1D Conc	10	12.	1/5/2010
May 2009	001	Chlorine, Total Residu	1D Conc	0.038	.05	5/1/2009
May 2009	001	Chlorine, Total Residu	1D Conc	0.038	.05	5/4/2009
May 2009	001	Chlorine, Total Residu	1D Conc	0.038	.05	5/12/2009

As discussed with Mr. Daverio during the inspection, new water quality standards were adopted by Ohio EPA. These rules require changes to be made to the bacteria monitoring and limits in all new and renewed NPDES permits. The new standards will require the implementation of E. coli limits and monitoring requirements. The E. coli

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standards will be stated in the renewed NPDES permit. Information regarding the new E. coli 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 feel free to contact this office at (330) 963-1255.

Sincerely,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/mt

cc: Mark Daverio, O&M Supervisor, Stark County Sanitary Engineer
Stark County Commissioners

File: Public/Permit Compliance