



State of Ohio Environmental Protection Agency

Northeast District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
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July 24, 2008

RE: SUMMIT COUNTY
COPLEY TOWNSHIP
METROPOLITAN VETERINARY HOSPITAL
(NPDES NO. 3PR00331)

Mr. James Sumner, Administrator
Metropolitan Veterinary Hospital
1053 South Cleveland-Massillon Road
Akron, OH 44321

Dear Mr. Sumner:

On July 15, 2008, a Compliance Evaluation Inspection (CEI) was conducted at the Metropolitan Veterinary Hospital wastewater treatment plant (WWTP), 1053 South Cleveland-Massillon Road, Copley Township. The purpose of the inspection was to evaluate the operation and maintenance of the facility, the effluent discharge quality, and the general compliance with the intent of the NPDES permit.

At the time of the July 15th inspection, the following observations were made:

- 1) The trash trap was in use and its contents were typical.
- 2) The extended aeration tank contents were a light to medium brown in color with no foam present. The return activated sludge (RAS) line was operational, and the water being returned was light brown. The RAS return rate may be somewhat high, as it was severely agitating the contents of the aeration tank.
- 3) The settling tank contents were typical, but they were covered with floating scum. The skimmer was either set too low, or it was not operating. The settling tank effluent trough was clean.
- 4) The surface sand filter dosing station pumps were set to 'Auto', and operated properly when manually tested. The high level alarm was operational when tested.
- 5) Both of the surface sand filter cells were ponded with several inches of stagnant water, and the water was full of mosquito larvae. The ponded water should be sprayed for mosquito larvae, the filters should be drained, and the cause of the ponded water determined and corrected. It is noted that the inside walls of the sand filters were lined with a plastic material. It is recommended to check and see if the material is covering the under drains below the sand, not allowing the filtered water to properly drain.

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- 6) The tablet chlorination / dechlorination units were in use, but only the chlorination unit contained tablets. Tablets need to be kept in both chlorination and dechlorination units at all times during the disinfection season (May 1 through October 31). Tube caps were missing from all tubes, and need to be replaced.

A review of the Monthly Operating Reports (MOR's) submitted for the WWTP found the following final effluent limit numeric violations (June 1, 2007 through July 1, 2008).

Metropolitan Veterinary Hospital WWTP
NPDES Permit No. 3PR00331
Effluent Limit Violations
(June 1, 2007 through July 1, 2008)

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2007	Total Suspended Solids	30D Qty	0.05	.05579	6/1/2007
December 2007	Nitrogen, Ammonia (NH3-N)	30D Conc	3.0	3.28	12/1/2007
December 2007	Nitrogen, Ammonia (NH3-N)	30D Qty	0.01	.01664	12/1/2007
March 2008	Total Suspended Solids	30D Conc	12	29.	3/1/2008
March 2008	Total Suspended Solids	30D Qty	0.05	.14709	3/1/2008
March 2008	Nitrogen, Ammonia (NH3-N)	30D Conc	3.0	26.	3/1/2008
March 2008	Nitrogen, Ammonia (NH3-N)	30D Qty	0.01	.13187	3/1/2008
March 2008	CBOD 5 day	30D Qty	0.04	.05072	3/1/2008
March 2008	Total Suspended Solids	7D Conc	18	29.	3/22/2008
March 2008	Total Suspended Solids	7D Qty	0.07	.14709	3/22/2008
March 2008	Nitrogen, Ammonia (NH3-N)	7D Conc	4.5	26.	3/22/2008
March 2008	Nitrogen, Ammonia (NH3-N)	7D Qty	0.02	.13187	3/22/2008

The Metropolitan Veterinary Hospital needs to implement operation and maintenance practices which will enable the WWTP to consistently meet its NPDES Permit limits.

If you have any comments or questions regarding this correspondence, you may contact me at (330) 963-1110.

Respectfully,



Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/mt

File: SP/SumitCounty/CopleyTwp/MetropolitanVeterinaryHospital