



State of Ohio Environmental Protection Agency

Northeast District Office

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Ted Strickland, Governor
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July 12, 2007

RE: SUMMIT COUNTY
COPLEY TOWNSHIP
METROPOLITAN VETERINARY HOSPITAL
(NPDES NO. OH0133124
OHIO EPA NO. 3PR00331)

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

Dear Mr. Sumner:

On June 28, 2007, 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 facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit effluent limits, prior to renewal of the current NPDES permit. Evaluated during the inspection were the treatment plant processes, effluent discharge quality, and general compliance with the intent of the permit.

At the time of the inspection, the general operation and maintenance of the plant could be rated as marginal. The following observations were made:

- 1) The trash trap was in use and contents were typical.
- 2) The extended aeration tank contents were being well aerated, and were a watery, grayish brown in color with no foam present. The suspended solids concentration (MLSS) in the aeration process appeared to be at a low level, and the return activated sludge (RAS) line was operational. There appeared to be a possible air leak in the air supply line to the aeration tank.
- 3) The settling tank effluent trough was clean, and the skimmer was not operating.
- 4) The surface sand filter dosing station was operational.
- 5) The surface sand filters consisted of two cells, of which the north cell was in use. The south cell was ponded with several inches with water, and the north cell did contain some solids. The inside walls of the sand filters were lined with a plastic material.
- 5) The tablet chlorination / dechlorination unit was in service and contained tablets.

A review of the Monthly Operating Reports (MOR's) submitted for the WWTP found the following final effluent limit numeric violations (May 1, 2006 through June 1, 2007).

Metropolitan Veterinary Hospital WWTP
NPDES Permit No. 3PR00331
Effluent Limit Violations
(May 1, 2006 through June 1, 2007)

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2007	Total Suspended Solids	7D Conc	18	66.0	3/8/2007
March 2007	Total Suspended Solids	7D Qty	0.07	0.33475	3/8/2007
March 2007	Nitrogen, Ammonia (NH3-N)	7D Conc	4.5	43.0	3/8/2007
March 2007	Nitrogen, Ammonia (NH3-N)	7D Qty	0.02	0.21809	3/8/2007
March 2007	CBOD 5 day	7D Conc	15	59.0	3/8/2007
March 2007	CBOD 5 day	7D Qty	0.06	0.29924	3/8/2007
March 2007	Total Suspended Solids	30D Conc	12	66.0	3/1/2007

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Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2007	Total Suspended Solids	30D Qty	0.05	0.33475	3/1/2007
March 2007	Nitrogen, Ammonia (NH3-N)	30D Conc	3.0	43.0	3/1/2007
March 2007	Nitrogen, Ammonia (NH3-N)	30D Qty	0.01	0.21809	3/1/2007
March 2007	CBOD 5 day	30D Conc	10	59.0	3/1/2007
March 2007	CBOD 5 day	30D Qty	0.04	0.29924	3/1/2007
December 2006	CBOD 5 day	7D Conc	15	59.0	12/8/2006
December 2006	CBOD 5 day	7D Qty	0.06	0.29924	12/8/2006
December 2006	CBOD 5 day	30D Conc	10	59.0	12/1/2006
December 2006	CBOD 5 day	30D Qty	0.04	0.29924	12/1/2006
June 2006	Total Suspended Solids	30D Conc	12	436.0	6/1/2006
June 2006	Total Suspended Solids	7D Conc	18	436.0	6/1/2006
June 2006	Total Suspended Solids	30D Qty	0.05	2.21135	6/1/2006
June 2006	Total Suspended Solids	7D Qty	0.07	2.21135	6/1/2006
June 2006	Nitrogen, Ammonia (NH3-N)	30D Conc	1.0	33.80	6/1/2006
June 2006	Nitrogen, Ammonia (NH3-N)	7D Conc	1.5	33.80	6/1/2006
June 2006	Nitrogen, Ammonia (NH3-N)	30D Qty	0.01	0.17143	6/1/2006
June 2006	Nitrogen, Ammonia (NH3-N)	7D Qty	0.01	0.17143	6/1/2006
June 2006	CBOD 5 day	30D Conc	10	126.0	6/1/2006
June 2006	CBOD 5 day	7D Conc	15	126.0	6/1/2006
June 2006	CBOD 5 day	30D Qty	0.04	0.63906	6/1/2006
June 2006	CBOD 5 day	7D Qty	0.06	0.63906	6/1/2006

The Metropolitan Veterinary Hospital needs to implement operation and maintenance practices which will enable the WWTP to consistently meet its NPDES permit limits. The renewed NPDES permit for the facility will require an evaluation of the operation and maintenance practices of the WWTP; the submittal of a report summarizing the findings of the WWTP evaluation; and an outline of any corrective actions which will be taken to bring the WWTP back into permanent compliance.

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