

Application No. OH0133124

Issue Date: November 2, 2007

Effective Date: December 1, 2007

Expiration Date: November 30, 2012

Ohio Environmental Protection Agency
Authorization to Discharge Under the
National Pollutant Discharge Elimination System

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

James Sumner
dba Metropolitan Veterinary Hospital

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge from the Metropolitan Veterinary Hospital wastewater treatment works located at 1053 South Cleveland Massillon Road, Copley, Ohio, Summit County and discharging to a storm sewer to Pigeon Creek in accordance with the conditions specified in Parts I, II, and III of this permit.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Chris Korleski
Director

Total Pages: 20

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 3PR00331001. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 001 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00056 - Flow Rate - GPD	-	-	-	-	-	-	-	1/Day	Estimate	All
00083 - Color, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
00300 - Dissolved Oxygen - mg/l	-	6.0	-	-	-	-	-	1/Month	Grab	All
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1/Month	Grab	All
00530 - Total Suspended Solids - mg/l	-	-	18	12	-	0.07	0.05	1/Month	Grab	All
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	4.5	3.0	-	0.02	0.01	1/Month	Grab	Winter
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	1.5	1.0	-	0.01	0.01	1/Month	Grab	Summer
01330 - Odor, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
01350 - Turbidity, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
31616 - Fecal Coliform - #/100 ml	-	-	2000	1000	-	-	-	1/Month	Grab	Summer
50060 - Chlorine, Total Residual - mg/l	0.019	-	-	-	-	-	-	1/Month	Grab	Summer
80082 - CBOD 5 day - mg/l	-	-	15	10	-	0.06	0.04	1/Month	Grab	All

Notes for Station Number 3PR00331001:

* Effluent loadings based on average design flow of 1055 GPD.

- Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, report "AL" in the first column of the first day of the month on the 4500 Form (Monthly Operating Report). A signature is still required.

- Total Residual Chlorine - See Part II, Items F and G.

- Color, Odor and Turbidity - See Part II, Item D.

Acceptable methods for estimating flow are, in order of preference:

- 1) elapsed time meters on sand filter dosing pumps;
- 2) elapsed time meters on influent pumps;
- 3) water use records.

Part I, B. - SLUDGE MONITORING REQUIREMENTS

1. Sludge Monitoring. During the period beginning on the effective date of this permit, and lasting until the expiration date, the permittee shall monitor the treatment works' final sludge at Station Number 3PR00331588, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - Sludge Monitoring - 588 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
80991 - Sludge Volume, Gallons - Gals	-	-	-	-	-	-	-	1/Year	Total	December

NOTES for Station Number 3PR00331588:

* Monitoring is required when sludge is removed from the Permittee's facility for transfer to another NPDES Permit holder. Monthly Operating Report (MOR) data shall be submitted in December. If no sludge is removed from the Permittee's facility during the reporting period, report "AL" in the first column of the first day of the 4500 Form (Monthly Operating Report). A signature is still required.

- Sludge volume is a calculated total for the sampling period.

- See Part II, Items I & J.

Part I, C. SCHEDULE OF COMPLIANCE

A. Sewage System Evaluation

1. This facility was designed to meet the effluent concentrations and loadings as contained in the final effluent table of this permit. An evaluation of the operation and maintenance practices for the facility is to be conducted, to determine the reason why final effluent limitations are not being consistently met.

2. Results of the facility operation and maintenance evaluation are to be submitted in a report to the Ohio EPA, Northeast District Office, within 3 months of the effective date of this permit. The report is to include recommendations on any improvements necessary to allow the facility to consistently meet final effluent limits.

Part II, OTHER REQUIREMENTS

A. Operator Certification Requirements for Wastewater Treatment Works

1. Classification of Wastewater Treatment Works

- a. On the effective date of this permit, the classification for the treatment works regulated under NPDES permit 3PR00331*BD is Class 1.
- b. If this permit is modified before December 21, 2008 in order to change the classification or to reduce the minimum staffing requirements, the permittee shall be subject to all the requirements in paragraphs (B) and (C) of rule 3745-7-04 of the Ohio Administrative Code.
- c. Minimum staffing requirements as specified in paragraph (C)(1) of rule 3745-7-04 of the Ohio Administrative Code may be reduced if the permittee submits and the Director of Ohio EPA approves an operating plan for the treatment works as part of an application for a staffing reduction. The application and operating plan shall be prepared in accordance with paragraph (C)(2)(b) of rule 3745-7-04 of the Ohio Administrative Code.

2. Operator of Record

The permittee shall designate one or more operator of record to oversee the technical operation of the sewerage system and/or treatment works in accordance with paragraph (A)(2) of rule 3745-7-02 of the Ohio Administrative Code.

- a. Within three days of a change in the operator of record, the permittee shall notify the Director of Ohio EPA of any such change on a form acceptable to Ohio EPA.

3. Each operator of record shall have a valid certification of a class equal to or greater than the classification of the treatment works as defined in Part II, Item A. 1. c. of this NPDES permit.

B. Description of the location of the required sampling stations are as follows:

Sampling Station	Description of Location
3PR00331001	Final effluent
.	(Lat: 41N 06' 34"; Long: 81W 38' 40")
3PR00331588	Sludge hauled to a POTW.

C. All parameters, except flow, need not be monitored on days when the plant is not normally staffed (Saturdays, Sundays, and Holidays). On those days, report "AN" on the monthly report form.

D. If Severity Units are required for Turbidity, Odor, or Color, use the following table to determine the value between 0 and 4 that is reported.

REPORTED VALUE*	SEVERITY DESCRIPTION	TURBIDITY	ODOR	COLOR
0	None	Clear	None	Colorless
1	Mild			
2	Moderate	Light Solids	Musty	Grey
3	Serious			
4	Extreme	Heavy Solids	Septic	Black

* Interpolate between the descriptive phrases.

E. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.

F. Effluent disinfection is not directly required, however, the entity is required to meet all applicable discharge permit limits. If disinfection facilities exist, they shall be maintained in an operable condition. Any design of wastewater treatment facilities should provide for the capability to install disinfection if required at a future time. Disinfection may be required if future bacteriological studies or emergency conditions indicate the need.

G. The parameters below have had effluent limitations established that are below the Ohio EPA Quantification Level (OEPA QL) for the 40 CFR 136 promulgated analytical procedure for those parameters. In accordance with the ORC Section 6111.13 and OAC Rule 3745-33-07(C), if a discharge limit is set below the OEPA QL, any analytical result reported less than the OEPA QL shall be considered to be in compliance with that limit. OEPA QLs may be expressed as Practical Quantification Levels (PQL) or Minimum Levels (ML).

The permittee must utilize the lowest available detection method currently approved under 40 CFR Part 136 for monitoring these parameters.

REPORTING:

All analytical results, even those below the OEPA QL (listed below), shall be reported. Analytical results are to be reported as follows:

1. Results above the QL: Report the analytical result for the parameter of concern.
2. Results above the MDL, but below the QL: Report the analytical result, even though it is below the QL.
3. Results below the MDL: Analytical results below the method detection limit shall be reported as "below detection" using the reporting code "AA".

The following table of quantification levels will be used to determine compliance with NPDES permit limits:

Parameter	PQL	ML
Chlorine, Total Residual	0.050 mg/l	--

This permit may be modified, or alternatively, revoked and reissued, to include more stringent effluent limits or conditions if information generated as a result of the conditions of this permit indicate the presence of these pollutants in the discharge at levels above the water quality based effluent limit (WQBEL).

H. Final permit limitations based on preliminary or approved waste load allocations are subject to change based on modifications to or finalization of the allocation or report or changes to Water Quality Standards. Monitoring requirements and/or special conditions of this permit are subject to change based on regulatory or policy changes.

I. All disposal, use, storage, or treatment of sewage sludge by the Permittee shall comply with Chapter 6111. of the Ohio Revised Code, Chapter 3745-40 of the Ohio Administrative Code, any further requirements specified in this NPDES permit, and any other actions of the Director that pertain to the disposal, use, storage, or treatment of sewage sludge by the Permittee.

J. No later than January 31 of each calendar year the Permittee shall submit two (2) copies of a report summarizing the sewage sludge disposal, use, storage, or treatment activities of the Permittee during the previous calendar year. One copy of the report shall be sent to the Ohio EPA, Division of Surface Water, P.O. Box 1049, Columbus, Ohio 43216-1049, and one copy of the report shall be sent to the appropriate Ohio EPA District Office. The report shall be submitted on Ohio EPA Form 4229.