



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

January 15, 2010

RE: STARK COUNTY
LAWRENCE TOWNSHIP
NORTH LAWRENCE VOLUNTEER
FIRE DEPARTMENT
4052 ALABAMA AVE.
NPDES #3PR00180

Mr. Jack Lawrence, Treasurer
North Lawrence Volunteer Fire Department
4052 Alabama Avenue
North Lawrence, OH 44666

Dear Mr. Lawrence:

On January 12, 2010, this office conducted an inspection of the wastewater treatment system serving the North Lawrence Volunteer Fire Department. Present during the inspection was Dennis Britton, Chief, North Lawrence Fire Department.

The existing sewage treatment system consists of a 1,000 gallon trash trap followed by a 1,500 gallon flow equalization tank, 2,000 gallon extended aeration package plant, dosing chamber, 194 square foot surface sand filter, and a chlorine contact tank with a tablet chlorinator and dechlorinator. The system discharges to Newman Creek.

At the time of the inspection, the following observations were made:

- No visual problems were noted concerning the sewage treatment plant.

A review of your self-monitoring reports covering the period June 2008 through December 2009 revealed the following effluent violations:

Numeric Violations

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Chlorine, Total Residu	1D Conc	0.038	.07	8/18/2008
001	Fecal Coliform	30D Conc	1000	2600.	6/1/2008
001	Fecal Coliform	7D Conc	2000	2600.	6/8/2008
001	Total Suspended Solids	30D Conc	12	15.	3/1/2009
001	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.17	6/1/2009
001	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.17	6/8/2009
001	Total Suspended Solids	30D Conc	12	35.	12/1/2009
001	Total Suspended Solids	7D Conc	18	35.	12/8/2009
001	Nitrogen, Ammonia (NH3	30D Conc	3.0	6.12	12/1/2009
001	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.12	12/8/2009
001	CBOD 5 day	30D Conc	10	11.	12/1/2009

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Frequency Violations

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	01350	Turbidity, Severity	1/Week	1	0	02/08/2009
001	00083	Color, Severity	1/Week	1	0	06/01/2009
001	01330	Odor, Severity	1/Week	1	0	06/01/2009
001	01350	Turbidity, Severity	1/Week	1	0	06/01/2009
001	00010	Water Temperature	1/Week	1	0	12/15/2009
001	00083	Color, Severity	1/Week	1	0	12/15/2009
001	01330	Odor, Severity	1/Week	1	0	12/15/2009
001	01350	Turbidity, Severity	1/Week	1	0	12/15/2009

During the inspection floor drains were observed within the fire station. These floor drains are used to wash vehicles. The floor drains are routed to a "crock" also within the fire station. It was unknown at the time of the inspection where or if the "crock" had an outlet or where it would discharge. Enclosed you will find a fact sheet for mobile power washers. Although you are not a mobile power washer nor do you use one, the handling of the washwaters in accordance with environmental regulations would still apply. We request that you identify the discharge location of the "crock", if there is one, to this office no later than January 29, 2009.

Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1136.

Sincerely,



Philip P. Rhodes, P.E.
Environmental Specialist II
Division of Surface Water

PPR/mt

pc: Todd Ascani, Stark County Health Department

File: Semi-Public/North Lawrence Volunteer Fire Department