



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

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

October 19, 2009

RE: SUMMIT COUNTY  
FRANKLIN TOWNSHIP  
ST. LUKES LUTHERAN COMMUNITY-  
PORTAGE LAKES  
615 LATHAM LANE  
COMPLIANCE EVALUATION INSPECTION  
OHIO EPA PERMIT #3PR00155

Mr. Karen Hrdlicka, Executive Director  
St. Lukes Lutheran Community – Portage Lakes  
615 Latham Lane  
Akron, OH 44319

Dear Ms. Hrdlicka:

On October 6, 2009, this office conducted a Compliance Evaluation Inspection at the wastewater treatment plant serving the above referenced address. According to our files, the plant consists of a 2400 gallon trash trap, 9350 gallon extended aeration plant, 2844 gallon settling tank, 711 gallon dosing chamber, 760 square foot surface sand filter, 3810 gallon sludge storage tank, and 1125 gallon chlorination/dechlorination tank.

During the inspection, the plant was running, but was very odorous. The mixed liquor in the aeration tank was dark in color, rather than the appropriate chocolate brown color. Also, the aerated sludge holding tank contained some dark foam. It appears it is time to waste solids from the entire system. Furthermore, the surface sand filters were in poor condition. One half of the sand filter was almost flooded to the top, and the other half needed cleaned of solids.

Upon review of your Discharge Monitoring Reports, the average daily flow over the past two years was 5070 gpd. Your 9000 gpd extended aeration tank should be appropriately sized to treat the incoming wastewater. Perhaps, more operation and maintenance is needed. Please note that Part II of your NPDES permit requires that your wastewater treatment plant be under the supervision of a Class I State certified operator. According to Ohio Administrative Code 3745-7-02, the minimum staffing requirement for a Class I operator is 3 days per week for a minimum of 1.5 hours per week.

Upon review of your Discharge Monitoring Reports (DMRs) from October 2007 to October 2009, the following numeric effluent violations were noted:

Permit No	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PR00155*CD	001	CBOD 5 day	30D Conc	10	24.	3/1/2008
3PR00155*CD	001	CBOD 5 day	30D Qty	0.34	.57229	3/1/2008
3PR00155*CD	001	CBOD 5 day	7D Conc	15	24.	3/15/2008
3PR00155*CD	001	CBOD 5 day	7D Qty	0.51	.57229	3/15/2008
3PR00155*CD	001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	2.49	6/1/2008

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Permit No	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PR00155*CD	001	CBOD 5 day	30D Conc	10	25.	6/1/2008
3PR00155*CD	001	CBOD 5 day	30D Qty	0.34	.4542	6/1/2008
3PR00155*CD	001	CBOD 5 day	7D Conc	15	25.	6/8/2008
3PR00155*CD	001	Chlorine, Total Residu	1D Conc	0.019	.05	6/10/2008
3PR00155*CD	001	Chlorine, Total Residu	1D Conc	0.019	.07	6/17/2009
3PR00155*CD	001	Chlorine, Total Residu	1D Conc	0.019	.06	8/18/2009

The following frequency violations were also noted during the same time period:

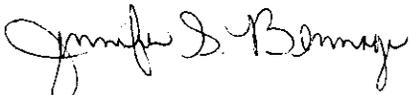
Permit No	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
3PR00155*CD	001	Fecal Coliform	1/Quarter	1	0	08/01/2009
3PR00155*CD	001	pH	1/Quarter	1	0	08/01/2009

Please be advised such instances of noncompliance are subject to enforcement pursuant to ORC 6111.

Since your NPDES permit requires quarterly monitoring for most of your parameters, it is strongly recommended your wastewater operator sample more often and average the results. This may result in less effluent violations. Furthermore, your NPDES permit requires that after an effluent violation has occurred, the reason for the violation and the steps being taken to reduce, eliminate and/or prevent occurrence of the violation again should be submitted to this office in writing.

If you have any questions concerning this letter, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage  
Environmental Engineer  
Division of Surface Water

JSB/mt

cc: Summit County Health Dept.