



**Environmental  
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

October 26, 2012

RE: LAKE COUNTY  
CONCORD TOWNSHIP  
HENRY F. LAMUTH MIDDLE SCHOOL  
NPDES PERMIT NO. 3PT00120  
APPLICATION NO. OH0134716

**NOTICE OF VIOLATION**

James Kalis, Superintendent  
Painesville Township Board of Education  
585 Riverside Drive  
Painesville, OH 44077

Dear Mr. Kalis:

On October 24, 2012, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves LaMuth Middle School. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit.

At the time of inspection, the plant was producing an effluent with no evidence of solids, oil or grease. The following observations were noted:

- The flow equalization tank was in operation, as required.
- The aeration plant was in operation. The mixed liquor was brown in color. The sludge return line and skimmer line were in operation.
- The northern filter bed was ponded. The southern filter bed was not in use. Both filter beds contained vegetation and leaves. Any vegetation, debris and solids laden sand must be removed and replaced with clean sand. Assurances must be made that 18 inches of Ohio EPA approved filter sand exists on both beds. Ohio EPA approved filter sand has a uniformity coefficient that does not exceed 3.0 and an effective size of 0.4 mm - 1.0 mm. The sand must be raked and evenly distributed across the surface of the filter beds.
- The chlorinator contained chlorine tablets for disinfection of the effluent. The disinfection season will end October 31<sup>st</sup> and will resume again on May 1<sup>st</sup> of the following year.
- The dechlorinator contained no sulfite tablets. Sulfite tablets must be placed in the dechlorinator, as long as chlorination of the effluent takes place.
- The sludge holding tank was in use.

A review of the discharge monitoring reports covering the month of November 2010 through September 2012 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.7	11/1/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.7	11/22/2010

001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	46.48	12/1/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.73889	12/1/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	46.48	12/15/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.204	.73889	12/15/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	63.42	1/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	1.00819	1/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	63.42	1/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.204	1.00819	1/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	33.88	2/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.57706	2/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	33.88	2/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.204	.57706	2/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	20.72	3/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.24312	3/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	20.72	3/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.204	.24312	3/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	11.62	4/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.16273	4/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	11.62	4/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	13.02	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.045	.18559	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	13.02	5/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.068	.18559	5/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	11.	9/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	11.	9/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.045	.10704	9/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.068	.10704	9/1/2011
001	50060	Chlorine, Total Residual	1D Conc	0.019	.4	9/5/2011
001	50060	Chlorine, Total Residual	1D Conc	0.019	1.04	9/19/2011
001	50060	Chlorine, Total Residual	1D Conc	0.019	.99	10/3/2011
001	50060	Chlorine, Total Residual	1D Conc	0.019	.08	10/17/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	39.62	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.21594	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	39.62	1/8/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.204	.21594	1/8/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.3	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.3	2/8/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	25.62	4/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.15515	4/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	25.62	4/22/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	7.28	5/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.045	.04684	5/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	7.28	5/22/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	12.88	9/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.045	.08044	9/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	12.88	9/22/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.068	.08044	9/22/2012

HENRY F. LAMUTH MIDDLE SCHOOL  
OCTOBER 26, 2012  
PAGE 3 OF 3

*The school is in significant violation of the NPDES permit. Be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting and compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to Ohio Revised Code, Chapter 6111.*

*The operation and maintenance log book for your Operator of Record was not located onsite, as required. This is a violation of Ohio Revised Code 3745-7-09.*

***Please contact this office, within 10 days of the date of this letter, to schedule an appointment for a meeting to discuss the significant noncompliance of this wastewater treatment plant.***

Should you have any questions regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



Marie Underwood, P.E.  
Environmental Engineer  
Division of Surface Water

MU/cs

cc: Bob Hoyt, Maintenance Supervisor