



State of Ohio Environmental Protection Agency

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

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

March 2, 2010

**Re:** Hocking County  
Union Furnace Elementary School  
WWTP Inspection  
Correspondence (PWW)

Mr. Keith Brown, Operator  
Logan-Hocking Board of Education  
2019 E. Front Street  
Logan, Ohio 43138

Dear Mr. Brown:

On February 23, 2010, I conducted an inspection of the Union Furnace Elementary School wastewater treatment plant (WWTP). The purpose of the inspection was to determine the facility's compliance status with the terms and conditions of NPDES permit number OPT00013\*CD.

As a part of the inspection, we have reviewed your self-monitoring reports from January 1, 2009 to February 1, 2010 for the Union Furnace Elementary WWTP. Our review indicates the plant violated the CBOD 5 and TSS several times. The specific dates and reported values are listed below:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	23.	3/1/2009
001	00530	Total Suspended Solids	30D Qty	.11	.22634	3/1/2009
001	00530	Total Suspended Solids	7D Conc	18	23.	3/8/2009
001	00530	Total Suspended Solids	7D Qty	.17	.22634	3/8/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	.014	.01447	5/1/2009
001	00530	Total Suspended Solids	30D Conc	12	14.	10/1/2009
001	00530	Total Suspended Solids	30D Qty	.11	.13406	10/1/2009
001	80082	CBOD 5 day	30D Conc	10	10.4	10/1/2009
001	00530	Total Suspended Solids	30D Conc	12	22.	11/1/2009
001	00530	Total Suspended Solids	30D Qty	.11	.21067	11/1/2009
001	80082	CBOD 5 day	30D Conc	10	33.5	11/1/2009
001	80082	CBOD 5 day	30D Qty	.10	.3208	11/1/2009
001	00530	Total Suspended Solids	7D Conc	18	22.	11/8/2009
001	00530	Total Suspended Solids	7D Qty	.17	.21067	11/8/2009
001	80082	CBOD 5 day	7D Conc	15	33.5	11/8/2009
001	80082	CBOD 5 day	7D Qty	.14	.3208	11/8/2009
001	00530	Total Suspended Solids	30D Conc	12	28.	12/1/2009
001	00530	Total Suspended Solids	30D Qty	.11	.25859	12/1/2009

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	80082	CBOD 5 day	30D Conc	10	27.7	12/1/2009
001	80082	CBOD 5 day	30D Qty	.10	.25582	12/1/2009
001	00530	Total Suspended Solids	7D Conc	18	28.	12/8/2009
001	00530	Total Suspended Solids	7D Qty	.17	.25859	12/8/2009
001	80082	CBOD 5 day	7D Conc	15	27.7	12/8/2009
001	80082	CBOD 5 day	7D Qty	.14	.25582	12/8/2009
001	80082	CBOD 5 day	30D Conc	10	23.9	1/1/2010
001	80082	CBOD 5 day	30D Qty	.10	.23068	1/1/2010
001	80082	CBOD 5 day	7D Conc	15	23.9	1/8/2010
001	80082	CBOD 5 day	7D Qty	.14	.23068	1/8/2010

\* 30 D Conc is equal to average monthly concentration limit

The marginal rating given for Operations and Maintenance is due to the number of violations listed above. The school board should consider contacting our Compliance Assistance Unit in Columbus for recommendations on how to improve the treatment plant; Keith Kroeger can be reached at (614) 863-8778. Be aware that failure to bring the plant into compliance will result in the recommendation of formal enforcement action.

Please provide a written response within 30 days upon receipt of this letter and explain why the violations occurred and explain what will be done to prevent further noncompliance. Enclosed is a copy of my detailed inspection report. If there are any questions, please call me at (740) 380-5268.

If there are any questions, please call me at (740) 380-5268.

Sincerely,



Jack Knapp  
District Representative  
Division of Surface Water

JK/dh

Enclosure

c: Stephen Stirm, Superintendent, Logan-Hocking Board of Education