

**Environmental
Protection Agency**

..... Governor
..... Lt. Governor
..... Director

July 26, 2011

RE: STARK COUNTY
MARLINGTON LOCAL SCHOOLS
3PT00045*ED
LEXINGTON TWP.

Mr. James Butler
Technical Consultant
Marlington Local Schools
10320 Moulin Avenue NE
Alliance, Ohio 44601

Dear Mr. Butler:

On July 21, 2011 this writer conducted a compliance evaluation inspection of the Marlington Local Schools wastewater treatment facilities located at 10320 and 13025 Moulin Avenue. Below are my inspection observations for each plant:

Middle School (001)

The aeration tank contents were a light brown almost tan color. This is a steel plant and is deteriorating. The frame and interior walls are rusted through in several locations. Pictures are attached for your reference.

High School (002)

The contents of the aeration tank exhibited a good color. As observed in our last inspection, the sand filters were in bad shape. The sand filters were covered with thick vegetation. This will eventually lead to the filter not being able to drain properly and the filter media would need to be replaced. **The filters must be kept clear of vegetation at all times.** Pictures are attached for your reference.

A review of the compliance history for these plants and associated outfalls for the time period of September 2010 through June 2011, as identified by our SWIMS tracking system, identified the following violations:

Numeric Violations

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Nitrogen, Ammonia (NH3)	30D Qty	0.43	.87945	3/1/2011
001	Nitrogen, Ammonia (NH3)	7D Qty	0.64	.87945	3/8/2011

Mr. James Butler
 Marlinton Local Schools
 July 26, 2011
 Page 2

Frequency Violations

Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
002	Water Temperature	1/Day	1	0	02/13/2011
002	Water Temperature	1/Day	1	0	02/14/2011
002	Water Temperature	1/Day	1	0	02/15/2011
002	Water Temperature	1/Day	1	0	02/16/2011
002	Water Temperature	1/Day	1	0	02/17/2011
002	Water Temperature	1/Day	1	0	02/18/2011
002	Water Temperature	1/Day	1	0	02/19/2011
002	Water Temperature	1/Day	1	0	02/20/2011
002	Water Temperature	1/Day	1	0	02/21/2011
002	Water Temperature	1/Day	1	0	02/22/2011
002	Water Temperature	1/Day	1	0	02/23/2011
002	Water Temperature	1/Day	1	0	02/24/2011
002	Water Temperature	1/Day	1	0	02/25/2011
002	Water Temperature	1/Day	1	0	02/26/2011
002	Water Temperature	1/Day	1	0	02/27/2011
002	Water Temperature	1/Day	1	0	02/28/2011
002	Color, Severity	1/Day	1	0	02/13/2011
002	Color, Severity	1/Day	1	0	02/14/2011
002	Color, Severity	1/Day	1	0	02/15/2011
002	Color, Severity	1/Day	1	0	02/16/2011
002	Color, Severity	1/Day	1	0	02/17/2011
002	Color, Severity	1/Day	1	0	02/18/2011
002	Color, Severity	1/Day	1	0	02/19/2011
002	Color, Severity	1/Day	1	0	02/20/2011
002	Color, Severity	1/Day	1	0	02/21/2011
002	Color, Severity	1/Day	1	0	02/22/2011
002	Color, Severity	1/Day	1	0	02/23/2011
002	Color, Severity	1/Day	1	0	02/24/2011
002	Color, Severity	1/Day	1	0	02/25/2011
002	Color, Severity	1/Day	1	0	02/26/2011
002	Color, Severity	1/Day	1	0	02/27/2011
002	Color, Severity	1/Day	1	0	02/28/2011
002	Odor, Severity	1/Day	1	0	02/13/2011
002	Odor, Severity	1/Day	1	0	02/14/2011
002	Odor, Severity	1/Day	1	0	02/15/2011
002	Odor, Severity	1/Day	1	0	02/16/2011
002	Odor, Severity	1/Day	1	0	02/17/2011
002	Odor, Severity	1/Day	1	0	02/18/2011
002	Odor, Severity	1/Day	1	0	02/19/2011
002	Odor, Severity	1/Day	1	0	02/20/2011
002	Odor, Severity	1/Day	1	0	02/21/2011
002	Odor, Severity	1/Day	1	0	02/22/2011
002	Odor, Severity	1/Day	1	0	02/23/2011

Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
002	Odor, Severity	1/Day	1	0	02/24/2011
002	Odor, Severity	1/Day	1	0	02/25/2011
002	Odor, Severity	1/Day	1	0	02/26/2011
002	Odor, Severity	1/Day	1	0	02/27/2011
002	Odor, Severity	1/Day	1	0	02/28/2011
002	Turbidity, Severity	1/Day	1	0	02/13/2011
002	Turbidity, Severity	1/Day	1	0	02/14/2011
002	Turbidity, Severity	1/Day	1	0	02/15/2011
002	Turbidity, Severity	1/Day	1	0	02/16/2011
002	Turbidity, Severity	1/Day	1	0	02/17/2011
002	Turbidity, Severity	1/Day	1	0	02/18/2011
002	Turbidity, Severity	1/Day	1	0	02/19/2011
002	Turbidity, Severity	1/Day	1	0	02/20/2011
002	Turbidity, Severity	1/Day	1	0	02/21/2011
002	Turbidity, Severity	1/Day	1	0	02/22/2011
002	Turbidity, Severity	1/Day	1	0	02/23/2011
002	Turbidity, Severity	1/Day	1	0	02/24/2011
002	Turbidity, Severity	1/Day	1	0	02/25/2011
002	Turbidity, Severity	1/Day	1	0	02/26/2011
002	Turbidity, Severity	1/Day	1	0	02/27/2011
002	Turbidity, Severity	1/Day	1	0	02/28/2011
002	Flow Rate	1/Day	1	0	02/13/2011
002	Flow Rate	1/Day	1	0	02/14/2011
002	Flow Rate	1/Day	1	0	02/15/2011
002	Flow Rate	1/Day	1	0	02/16/2011
002	Flow Rate	1/Day	1	0	02/17/2011
002	Flow Rate	1/Day	1	0	02/18/2011
002	Flow Rate	1/Day	1	0	02/19/2011
002	Flow Rate	1/Day	1	0	02/20/2011
002	Flow Rate	1/Day	1	0	02/21/2011
002	Flow Rate	1/Day	1	0	02/22/2011
002	Flow Rate	1/Day	1	0	02/23/2011
002	Flow Rate	1/Day	1	0	02/24/2011
002	Flow Rate	1/Day	1	0	02/25/2011
002	Flow Rate	1/Day	1	0	02/26/2011
002	Flow Rate	1/Day	1	0	02/27/2011
002	Flow Rate	1/Day	1	0	02/28/2011
002	Color, Severity	1/Day	1	0	04/27/2011

Action Items

- 1) You are requested to immediately remove the accumulated vegetation in the sand filters for the high school. Once clean, notify this office in writing.

Mr. James Butler
Marlington Local Schools
July 26, 2011
Page 4

- 2) Evaluate the middle school steel wastewater treatment plant for its physical integrity. The holes must be patched to maintain its integrity and plans should be made for the future to replace this plant.
- 3) Explain why you have been reporting no flow and have been reporting AH (no meter) for at least the time period identified above. It is required to report flow as outfall 002 has loading limits for which a flow rate is needed to calculate.

We request that you adequately address the above action items in writing to this office no later than August 22, 2011.

If you should have any questions, feel free to contact this writer at (330) 963-1136 or by e-mail at phil.rhodes@epa.state.oh.us.

Sincerely,



Philip P. Rhodes, P.E.
Environmental Engineer
Division of Surface Water

PPR/mt

File: Semi-Public\ Marlington School District

High School



Middle School

