



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

June 25, 2009

RE: STARK COUNTY
LEXINGTON TOWNSHIP
MARLINGTON LOCAL SCHOOLS
NPDES #3PT00045

Mr. Jim Nicodemo, Superintendent
Marlington Local Schools
10320 Moulin Avenue NE
Alliance, OH 44601

Dear Mr. Nicodemo:

On June 22, 2009, this writer conducted a compliance evaluation inspection (CEI) of the wastewater treatment plants serving Marlington High School and Middle School. Present during the inspection were Fred Millard and Terry Green, Marlington Local Schools.

The sewage treatment system which serves the High School is regulated in your NPDES permit as outfall 3PT00045002. At the time of the inspection, the mixed liquor in the aeration tank had a good color; however, the contents of the clarifier were cloudy. One surface sand filter bed was covered with solids; the second was in good condition. The sand filter beds will be equipped with new filter sand prior to the start of the school year. Filter sand which meets our specifications must have an effective size of 0.4 to 1.0 mm and a uniformity coefficient not greater than three. The contents of the chlorine contact tank were cloudy and the tablet dechlorinator did not contain any tablets.

The sewage treatment system which serves the Middle School is regulated in your NPDES permit as outfall 3PT00045001. The aeration tank was not receiving air at the time of the inspection. Mr. Millard adjusted an air valve and air was provided to the tank. The air was apparently off for a short period of time, as the mixed liquor had a brown color and was not septic. The surface of the clarifier contained excessive solids. One surface sand filter was in good condition, the second filter bed contained vegetation which needs to be removed. Also, the beds are not equipped with filter sand that meets our specifications. The contents of the chlorine contact tank were clear. The tablet dechlorinator did not contain any dechlorination tablets.

A review of your discharge monitoring reports (DMRs) covering the period November 2007 through May 2009 revealed the following effluent violations:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	4.5	5.43	1/1/2008
February 2008	002	Nitrogen, Ammonia (NH3)	30D Conc	4.5	6.7	2/1/2008
March 2008	001	CBOD 5 day	30D Qty	1.0	2.7252	3/1/2008



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Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2008	001	CBOD 5 day	7D Qty	1.4	2.7252	3/15/2008
April 2008	001	CBOD 5 day	30D Conc	10	13.	4/1/2008
April 2008	002	CBOD 5 day	30D Conc	10	11.	4/1/2008
June 2008	001	CBOD 5 day	30D Conc	10	11.	6/1/2008
June 2008	002	Fecal Coliform	30D Conc	1000	1600.	6/1/2008
October 2008	001	Fecal Coliform	30D Conc	1000	3500.	10/1/2008
October 2008	002	CBOD 5 day	30D Conc	10	30.	10/1/2008
October 2008	001	Fecal Coliform	7D Conc	2000	3500.	10/8/2008
October 2008	002	CBOD 5 day	7D Conc	15	30.	10/8/2008
December 2008	001	Nitrogen, Ammonia (NH3	30D Conc	4.5	17.9	12/1/2008
December 2008	001	Nitrogen, Ammonia (NH3	30D Qty	0.43	.68429	12/1/2008
December 2008	001	Nitrogen, Ammonia (NH3	7D Conc	6.8	17.9	12/8/2008
December 2008	001	Nitrogen, Ammonia (NH3	7D Qty	0.64	.68429	12/8/2008
March 2009	001	Total Suspended Solids	30D Conc	12	59.	3/1/2009
March 2009	001	CBOD 5 day	30D Conc	10	66.	3/1/2009
March 2009	001	Total Suspended Solids	7D Conc	18	59.	3/8/2009
March 2009	001	CBOD 5 day	7D Conc	15	66.	3/8/2009

We understand that you wish to construct an addition to the school to be used as a weight room. This office has no objection to your proposal.

Should you have any questions or comments regarding this letter, please feel free to contact this office at (330) 963-1197.

Sincerely,

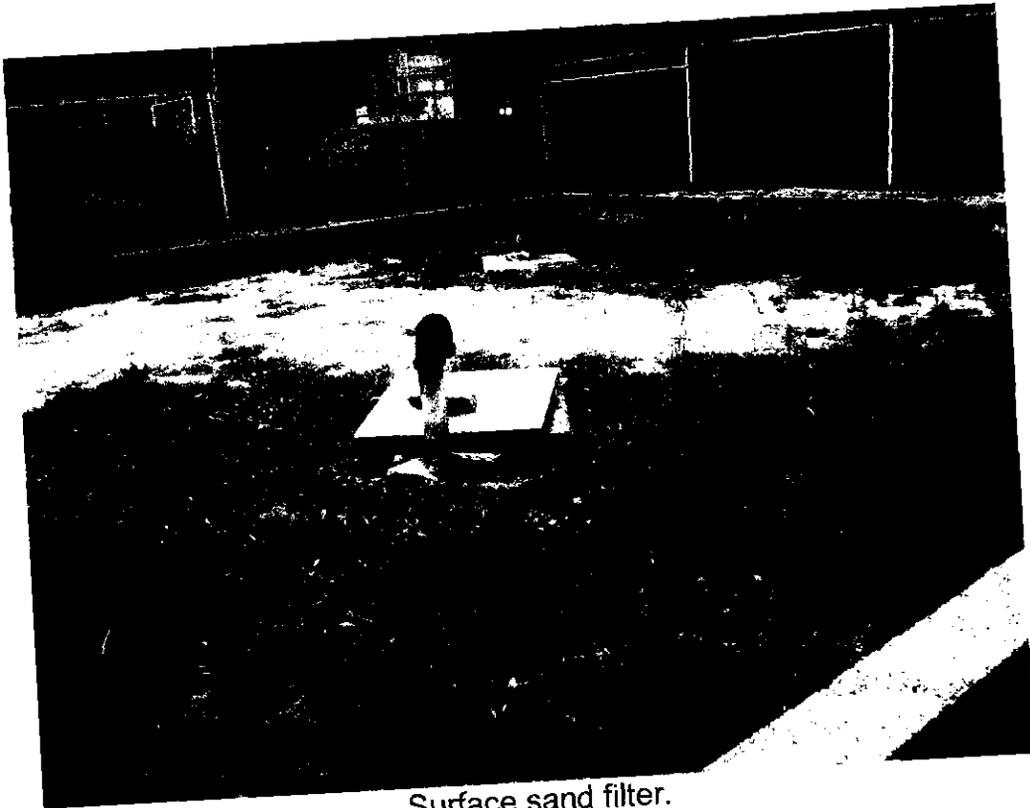
Dean W. Stoll, P.E.
Environmental Engineer
Division of Surface Water

DWS/mt

Enclosure

cc: Fred Millard, District Maintenance Supervisor, Marlington Local Schools
James Butler, Technical Consultant, Marlington Local Schools
Todd Ascani, Stark County Health Department

File: Semi-Public/Marlington Middle & HS



Surface sand filter.



Clarifier.

Marlington Middle School