



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

March 26, 2009

RE: GEAUGA COUNTY *2008-2009*
HAWKEN SCHOOL
NPDES PERMIT COMPLIANCE INSPECTION

Anthony Wanner
Director of Facilities and Transportation
Hawken School
P.O. Box 8002
Gates Mills, Ohio 44040-8002

Dear Mr. Wanner:

On March 20, I conducted an inspection of the referenced wastewater treatment and disposal system in preparation to renew Hawken School's permit to discharge treated wastewater. Your operator, Jim Baker, accompanied me on the inspection. The purpose of the inspection is to determine compliance with the National Pollutant Discharge Elimination System (NPDES) Permit issued to Hawken School under the Federal Clean Water Act. The permit number is 3PT00110*BX/OH0133019.

For the period March 1, 2008 to March 1, 2009, the school has accumulated eight permit violations where the concentrations of pollutants discharged exceeded the permitted level. In May 2008, the chlorine concentration exceeded the permitted level on four days. Likewise, in September 2008, the nitrogen, ammonia (NH₃) concentration exceeded permitted concentration and total mass. These are relatively few and minor violations, but each is a violation of the Federal Clean Water Act and Ohio Revised Code 6111. Each permit violation is subject to enforcement, resulting in possibility of a fine.

This plant showed signs of careful operation and maintenance in that the surface sand filter was being alternately cleaned as designed. One portion of the sand filter had about five inches of solids on top. This is a symptom of storm water and ground water infiltrating leaky sewer lines or roof drains and footer drains being directly connected. Clean water like this should be excluded from your collection system to enhance treatment at the wastewater treatment plant. The plant loses effectiveness when the wastewater is more dilute, and the high flows associated with rain storms and snow melts can wash pollutants from your plant into the stream.

ANTHONY WANNER
MARCH 26, 2009
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Your NPDES permit is currently in the renewal process, and significant changes are not anticipated.

Please contact me directly at (330) 963 -1260 to discuss any comments or questions you may have regarding this inspection.

Sincerely,

A handwritten signature in black ink, appearing to read "Douglas Hiestand". The signature is written in a cursive style with a large initial "D".

Douglas Hiestand
Environmental Engineer
Division of Surface Water

DH:bo

enclosure: Tables of Violations, 3/1/08 to 3/1/09

pc: Dave Sage, Geauga County Health Department

ec: Ron Bell, OHEPA/DSW/NEDO

file: Semi/Geauga/Chester/Hawken School

Get New Data

Hawken Permit Limit Violations, 3/1/08 - 3/1/09

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PT00110*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	.019	.08	5/5/2008
3PT00110*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	.019	.12	5/12/2008
3PT00110*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	.019	.09	5/19/2008
3PT00110*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	.019	.07	5/26/2008
3PT00110*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.15	9/1/2008
3PT00110*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	2.15	9/1/2008
3PT00110*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.05	.08707	9/1/2008
3PT00110*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.08	.08707	9/1/2008