



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

February 12, 2008

RE: SOUTHLINGTON LOCAL SCHOOLS
PERMIT NO: 3PT00067
TRUMBULL COUNTY

Southington Local School District
Mr. Frank Danso, Superintendent
4432 State Route 305
Southington, Ohio 44470

Dear Mr. Danso

On February 8, 2008, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Mr. Michael Moody, Maintenance Supervisor. The purpose of the inspection was to evaluate the operation and maintenance of the treatment plant along the facility's compliance status with respect to the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted/discussed:

1. The blowers were running and the plant was receiving good aeration.
2. The content of the aeration tank was medium brown in color and no foam was present. This is typical of a properly operating plant.
3. Both the skimmer and sludge return lines were functioning properly.
4. One surface sand filter bed had slight vegetation growing on it. See Figure 1. Both beds should be raked and maintained free of vegetation once the weather permits.
5. No scum build-up was present behind the baffle in the settling tank. The weir in the settling tank was also free of scum.
6. The discharge from the surface sand filters was clear and appeared to be having no visual impact.
7. A new motor, pump, and section of grating were recently installed for the raw well.
8. Mr. James Perkins, a Trumbull County wastewater operator collects the samples.
9. The samples are preserved and iced down.
10. Lab analysis is performed by the Cuyahoga County Sanitary Engineers.
11. Mr. Michael Moody is responsible for submitting monthly operating report through Ohio EPA's Surface Water Information Management System (SWIMS). Mr. Moody was informed that a web based application for submitting the monthly operating report would be available in the near future. Web addresses are available below which provide information on this topic along with training dates.

12. A new school and wastewater treatment system are scheduled to be built in two years. Bidding is expected to begin sometime in June/July 2008
13. The NPDES permit expires on March 31, 2009. The NPDES permit renewal application is required to be submitted to this office no later than 180 days prior to the expiration date.

This office has recently reviewed your self-monitoring reports covering the period April 1, 2004 thru December 31, 2007 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instance of noncompliance is as follows:

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	34.3333	6/1/2004
001	00530	Total Suspended Solids	7D Conc	18	84.	6/15/2004
001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	6/21/2004
001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	7/19/2004
001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	7/29/2004
001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	3.915	2/1/2005
001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	14.5	2/8/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	7/1/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	7/18/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	7/25/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	8/1/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	8/10/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.15	8/19/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	8/24/2005
001	00530	Total Suspended Solids	30D Conc	12	20.	9/1/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.11	9/1/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.11	9/8/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.11	9/15/2005
001	00530	Total Suspended Solids	7D Conc	18	20.	9/22/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.14	9/22/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.29	9/30/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	10/31/2005
001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	5/7/2006
001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	6/25/2006
001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	9/18/2006
001	00300	Dissolved Oxygen	1D Conc	6.0	4.	1/9/2007
001	00530	Total Suspended Solids	30D Conc	12	15.	2/1/2007
001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	28.5	2/1/2007
001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	28.5	2/22/2007
001	31616	Fecal Coliform	30D Conc	1000	1490.	9/1/2007
001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	9/10/2007
001	00530	Total Suspended Solids	30D Conc	12	15.	10/1/2007
001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	10/8/2007

Frequency Violations

Violation Date	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported
4/8/2004	001	00010	Water Temperature	1/Week	1	0
4/8/2004	001	00300	Dissolved Oxygen	1/Week	1	0
4/15/2004	001	00010	Water Temperature	1/Week	1	0
4/15/2004	001	00300	Dissolved Oxygen	1/Week	1	0
5/1/2004	001	00300	Dissolved Oxygen	1/Week	1	0
5/1/2004	001	50060	Chlorine, Total Residu	1/2Weeks	1	0
5/8/2004	001	00010	Water Temperature	1/Week	1	0
5/8/2004	001	00300	Dissolved Oxygen	1/Week	1	0
5/22/2004	001	00010	Water Temperature	1/Week	1	0
5/22/2004	001	00300	Dissolved Oxygen	1/Week	1	0
6/1/2004	001	00010	Water Temperature	1/Week	1	0
7/30/2004	001	00056	Flow Rate	1/Day	1	0
7/30/2004	001	00083	Color, Severity	1/Day	1	0
7/30/2004	001	01330	Odor, Severity	1/Day	1	0
7/30/2004	001	01350	Turbidity, Severity	1/Day	1	0
7/31/2004	001	00056	Flow Rate	1/Day	1	0
7/31/2004	001	00083	Color, Severity	1/Day	1	0
7/31/2004	001	01330	Odor, Severity	1/Day	1	0
7/31/2004	001	01350	Turbidity, Severity	1/Day	1	0
8/1/2004	001	00300	Dissolved Oxygen	1/Week	1	0
8/8/2004	001	00010	Water Temperature	1/Week	1	0
8/15/2004	001	00010	Water Temperature	1/Week	1	0
8/15/2004	001	00300	Dissolved Oxygen	1/Week	1	0
8/22/2004	001	00010	Water Temperature	1/Week	1	0
9/8/2004	001	00010	Water Temperature	1/Week	1	0
9/8/2004	001	00300	Dissolved Oxygen	1/Week	1	0
9/30/2004	001	00056	Flow Rate	1/Day	1	0
9/30/2004	001	00083	Color, Severity	1/Day	1	0
9/30/2004	001	01330	Odor, Severity	1/Day	1	0
9/30/2004	001	01350	Turbidity, Severity	1/Day	1	0
10/22/2004	001	00010	Water Temperature	1/Week	1	0
10/22/2004	001	00300	Dissolved Oxygen	1/Week	1	0
10/31/2004	001	00056	Flow Rate	1/Day	1	0
11/15/2004	001	00010	Water Temperature	1/Week	1	0
11/15/2004	001	00300	Dissolved Oxygen	1/Week	1	0
12/1/2004	001	00010	Water Temperature	1/Week	1	0
12/8/2004	001	00010	Water Temperature	1/Week	1	0
12/8/2004	001	00300	Dissolved Oxygen	1/Week	1	0
12/15/2004	001	00010	Water Temperature	1/Week	1	0
12/22/2004	001	00010	Water Temperature	1/Week	1	0
12/22/2004	001	00300	Dissolved Oxygen	1/Week	1	0
1/15/2005	001	00010	Water Temperature	1/Week	1	0
1/15/2005	001	00300	Dissolved Oxygen	1/Week	1	0

SOUTHINGTON LOCAL SCHOOLS
 FEBRUARY 12, 2008
 PAGE 4

Violation Date	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported
1/22/2005	001	00010	Water Temperature	1/Week	1	0
1/22/2005	001	00300	Dissolved Oxygen	1/Week	1	0
2/8/2005	001	00010	Water Temperature	1/Week	1	0
2/8/2005	001	00300	Dissolved Oxygen	1/Week	1	0
6/22/2005	001	00010	Water Temperature	1/Week	1	0
6/22/2005	001	00300	Dissolved Oxygen	1/Week	1	0
9/8/2005	001	00010	Water Temperature	1/Week	1	0
9/8/2005	001	00300	Dissolved Oxygen	1/Week	1	0
10/1/2005	001	00010	Water Temperature	1/Week	1	0
10/1/2005	001	00300	Dissolved Oxygen	1/Week	1	0
11/8/2005	001	00010	Water Temperature	1/Week	1	0
11/8/2005	001	00300	Dissolved Oxygen	1/Week	1	0
11/22/2005	001	00010	Water Temperature	1/Week	1	0
11/22/2005	001	00300	Dissolved Oxygen	1/Week	1	0
12/8/2005	001	00010	Water Temperature	1/Week	1	0
12/8/2005	001	00300	Dissolved Oxygen	1/Week	1	0
1/1/2006	001	00010	Water Temperature	1/Week	1	0
1/1/2006	001	00300	Dissolved Oxygen	1/Week	1	0
1/15/2006	001	00010	Water Temperature	1/Week	1	0
1/15/2006	001	00300	Dissolved Oxygen	1/Week	1	0
5/15/2006	001	00010	Water Temperature	1/Week	1	0
5/15/2006	001	00300	Dissolved Oxygen	1/Week	1	0
9/22/2006	001	00010	Water Temperature	1/Week	1	0
9/22/2006	001	00300	Dissolved Oxygen	1/Week	1	0
12/22/2006	001	00010	Water Temperature	1/Week	1	0
12/22/2006	001	00300	Dissolved Oxygen	1/Week	1	0
12/30/2006	001	00056	Flow Rate	1/Day	1	0
12/31/2006	001	00056	Flow Rate	1/Day	1	0
5/22/2007	001	00010	Water Temperature	1/Week	1	0
5/22/2007	001	00300	Dissolved Oxygen	1/Week	1	0

This office has no record of receiving the March 2007 and April 2007 monthly operating reports. Please submit this monthly operating report electronically within 30 days receipt of this letter.

Please note that Ohio EPA will be converting from the existing **SWIMware** software to a Web-based reporting system, **e-DMR**, sometime in 2008. The new reporting system will be entirely Web based and accessible via any Internet connection. Ohio EPA Form 4500, commonly known as MORs, will now be called Discharge Monitoring Reports (DMRs or e-DMRs). User training is going to be available in early 2008. Please consult the following Web site for updates regarding the specific date:

<http://www.epa.state.oh.us/dsw/swims/eDMR/eDMRtraining.html>

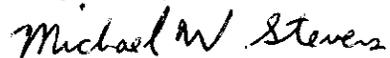
SOUTHINGTON LOCAL SCHOOLS
FEBRUARY 12, 2008
PAGE 5

If you need additional information pertaining to the SWIMware replacement e-DMR, consult the following Web site.

<http://www.epa.state.oh.us/dsw/swims/eDMR/eDMR.html>

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,

A handwritten signature in black ink that reads "Michael W. Stevens". The signature is written in a cursive style with a large initial "M".

Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/ams

cc. Michael Moody, Southington Local Schools

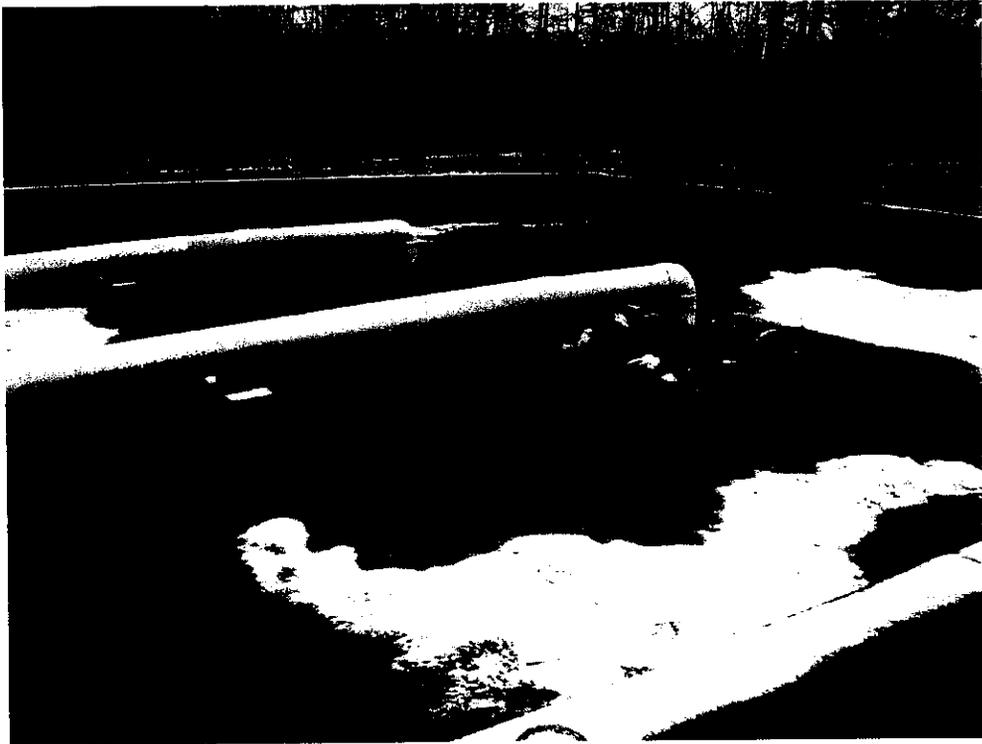


Figure 1