



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

November 29, 2007

RE: SUMMIT COUNTY
COPLEY ARROWHEAD ELEMENTARY
3PT00126 *AD

Copley Twp

Mr. Steve Robinson
Copley-Fairlawn City Schools
3797 Ridgewood Rd.
Copley, Ohio 44321

Dear Mr. Robinson:

On November 21, 2007, this writer conducted a compliance evaluation inspection of the Arrowhead Elementary wastewater treatment plant. The purpose of the inspection was to determine compliance with the above referenced National Pollutant Discharge Elimination System (NPDES) permit. At the time of the inspection the following observations were made:

- 1) The upgrades to the existing treatment system were noted. A dosing chamber, surface sand filter, and chlorination/dechlorination chamber have been installed. The improvements were installed ahead of the schedule listed in the NPDES permit.
- 2) The sand filters need to be raked level to evenly distribute the flow.

Pictures of the plant were taken and are attached for your reference. A review of your compliance history for the time period of June 1, 2006, through September 2007 revealed the following violations of your NPDES permit.

Numeric Violations

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	11.7	1/1/2007
001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	11.7	1/22/2007
001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	9.4	2/1/2007
001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	9.4	2/15/2007
001	Total Suspended Solids	30D Conc	30	32.	10/1/2006
001	Nitrogen, Ammonia (NH3)	30D Conc	4.0	7.8	10/1/2006
001	Nitrogen, Ammonia (NH3)	7D Conc	6.0	7.8	10/22/2006
001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	25.	3/1/2007
001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	25.	3/15/2007
001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	28.8	12/1/2006
001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	28.8	12/8/2006
001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	2.2	11/1/2006
001	Nitrogen, Ammonia (NH3)	30D Conc	4.0	8.6	8/1/2007

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Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Nitrogen, Ammonia (NH3	7D Conc	6.0	8.6	8/22/2007
001	Total Suspended Solids	30D Conc	30	33.	9/1/2007
001	Nitrogen, Ammonia (NH3	30D Conc	4.0	23.5	5/1/2007

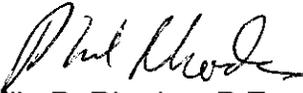
Frequency Violations

Violation Date	Station	Parameter	Sample Frequency	Expected	Reported
8/1/2006	001	Water Temperature	1/Week	1	0
8/8/2006	001	Water Temperature	1/Week	1	0
8/15/2006	001	Water Temperature	1/Week	1	0
8/22/2006	001	Water Temperature	1/Week	1	0
8/1/2006	001	Dissolved Oxygen	1/Week	1	0
8/8/2006	001	Dissolved Oxygen	1/Week	1	0
8/15/2006	001	Dissolved Oxygen	1/Week	1	0
8/22/2006	001	Dissolved Oxygen	1/Week	1	0
9/1/2006	001	Water Temperature	1/Week	1	0
9/8/2006	001	Water Temperature	1/Week	1	0
9/15/2006	001	Water Temperature	1/Week	1	0
9/1/2006	001	Dissolved Oxygen	1/Week	1	0
9/8/2006	001	Dissolved Oxygen	1/Week	1	0
9/15/2006	001	Dissolved Oxygen	1/Week	1	0
10/1/2006	001	Water Temperature	1/Week	1	0
10/8/2006	001	Water Temperature	1/Week	1	0
10/15/2006	001	Water Temperature	1/Week	1	0
10/1/2006	001	Dissolved Oxygen	1/Week	1	0
10/8/2006	001	Dissolved Oxygen	1/Week	1	0
10/15/2006	001	Dissolved Oxygen	1/Week	1	0
11/1/2006	001	Water Temperature	1/Week	1	0
11/15/2006	001	Water Temperature	1/Week	1	0
11/22/2006	001	Water Temperature	1/Week	1	0
11/1/2006	001	Dissolved Oxygen	1/Week	1	0
11/15/2006	001	Dissolved Oxygen	1/Week	1	0
11/22/2006	001	Dissolved Oxygen	1/Week	1	0
12/1/2006	001	Water Temperature	1/Week	1	0
12/15/2006	001	Water Temperature	1/Week	1	0
12/22/2006	001	Water Temperature	1/Week	1	0
12/1/2006	001	Dissolved Oxygen	1/Week	1	0
12/15/2006	001	Dissolved Oxygen	1/Week	1	0
12/22/2006	001	Dissolved Oxygen	1/Week	1	0
3/22/2007	001	Water Temperature	1/Week	1	0
3/22/2007	001	Dissolved Oxygen	1/Week	1	0

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In addition, our files do not contain noncompliance notifications as required in Part III, Section 12. This is considered a separate violation of your permit. We request that you respond in writing to this office no later than December 28, 2007, with your intentions to resolve the above noncompliance. Failure to adequately respond may result in an enforcement action as allowed under Ohio Revised Code 6111. If you should have any questions concerning any of the above, feel free to contact this writer at (330) 963-1136.

Sincerely,



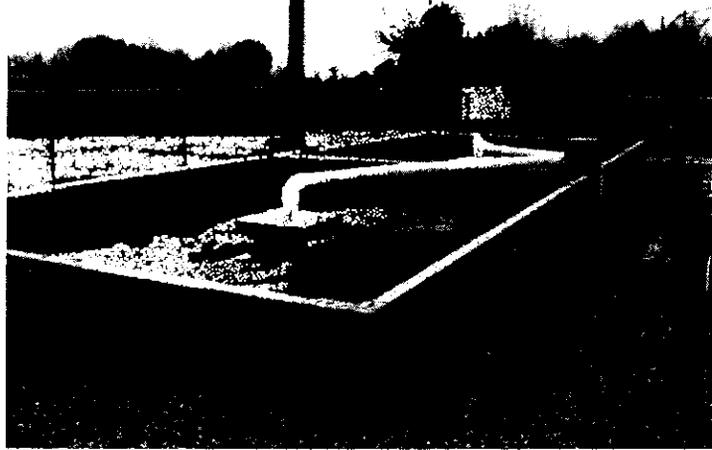
Philip P. Rhodes, P.E.
Environmental Engineer
Division of Surface Water

PPR/mt

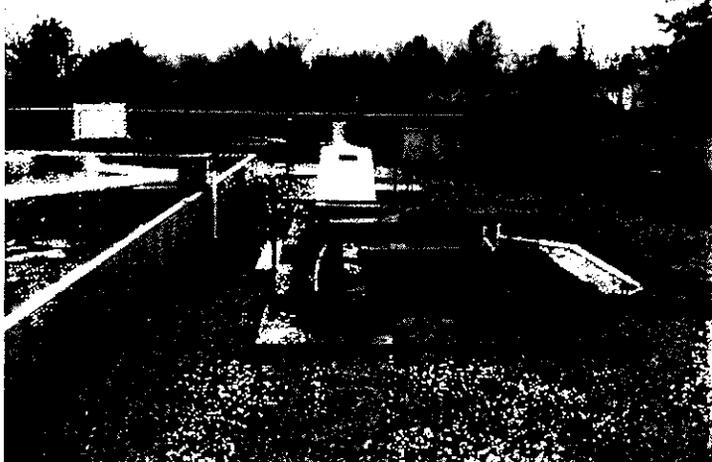
attachment

File: Semi-Public/Copley Arrowhead Elementary

Copley Arrowhead School 11/21/2007



Copley Arrowhead School 11/21/2007



Arrowhead School 11/21/2007

