



State of Ohio Environmental Protection Agency

Northeast District Office

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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

November 28, 2007

RE: COPLEY FAIRLAWN HIGH SCHOOL  
3PT00047\*AD  
SUMMIT COUNTY

Mr. Steve Robinson  
Copley-Fairlawn City Schools  
3797 Ridgewood Road  
Copley, OH 44321

Dear Mr. Robinson:

On November 21, 2007, this writer conducted a compliance evaluation inspection of the Copley Fairlawn WWTP for the purpose of determining compliance with the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

The existing wastewater treatment system consists of a 4,800-gallon trash trap, a 32,000-surge tank, a 24,000-gpd extended aeration plant with 4,300-gallon clarifier, a dosing station, a 4,356-square-foot surface sand filter, and a 3,170-gallon chlorine contact tank. The plant discharges to Pigeon Creek via an unnamed tributary. At the time of the inspection, the following observations were made:

1. The contents of the aeration chamber were dark brown in color indicating that sludge may need to be wasted. Our records indicate that sludge was last wasted in late 2006.
2. There was a significant amount of floating solids in the clarifier. The surface skimmer was surrounded by a thick floating blanket of solids and was not returning.
3. There were some solids on the surface sand filter indicating carryover.
4. The effluent in the chlorination/dechlorination tank was tea colored. There was a 6-inch high stain above the water level indicating the tank had experienced a surge which had left a film deposit on the walls.

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

Numeric Violations

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	3.9	10/1/2006
001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	3.9	10/22/2006
001	Total Suspended Solids	30D Conc	12	13.	6/1/2007
001	Total Suspended Solids	30D Conc	12	16.	10/1/2007

Frequency Violations

Violation Date	Station	Parameter	Sample Frequency	Expected	Reported
6/2/2006	001	Flow Rate	1/Day	1	0

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<b>Violation Date</b>	<b>Station</b>	<b>Parameter</b>	<b>Sample Frequency</b>	<b>Expected</b>	<b>Reported</b>
6/3/2006	001	Flow Rate	1/Day	1	0
6/4/2006	001	Flow Rate	1/Day	1	0
6/5/2006	001	Flow Rate	1/Day	1	0
6/6/2006	001	Flow Rate	1/Day	1	0
6/7/2006	001	Flow Rate	1/Day	1	0
6/8/2006	001	Flow Rate	1/Day	1	0
6/9/2006	001	Flow Rate	1/Day	1	0
6/10/2006	001	Flow Rate	1/Day	1	0
6/11/2006	001	Flow Rate	1/Day	1	0
6/12/2006	001	Flow Rate	1/Day	1	0
6/13/2006	001	Flow Rate	1/Day	1	0
6/14/2006	001	Flow Rate	1/Day	1	0
6/15/2006	001	Flow Rate	1/Day	1	0
6/16/2006	001	Flow Rate	1/Day	1	0
6/17/2006	001	Flow Rate	1/Day	1	0
6/18/2006	001	Flow Rate	1/Day	1	0
6/19/2006	001	Flow Rate	1/Day	1	0
6/20/2006	001	Flow Rate	1/Day	1	0
6/21/2006	001	Flow Rate	1/Day	1	0
6/22/2006	001	Flow Rate	1/Day	1	0
6/23/2006	001	Flow Rate	1/Day	1	0
6/24/2006	001	Flow Rate	1/Day	1	0
6/25/2006	001	Flow Rate	1/Day	1	0
6/26/2006	001	Flow Rate	1/Day	1	0
6/27/2006	001	Flow Rate	1/Day	1	0
6/28/2006	001	Flow Rate	1/Day	1	0
6/29/2006	001	Flow Rate	1/Day	1	0
7/2/2006	001	Flow Rate	1/Day	1	0
7/3/2006	001	Flow Rate	1/Day	1	0
7/4/2006	001	Flow Rate	1/Day	1	0
7/5/2006	001	Flow Rate	1/Day	1	0
7/6/2006	001	Flow Rate	1/Day	1	0
7/7/2006	001	Flow Rate	1/Day	1	0
7/8/2006	001	Flow Rate	1/Day	1	0
7/9/2006	001	Flow Rate	1/Day	1	0
7/10/2006	001	Flow Rate	1/Day	1	0
7/11/2006	001	Flow Rate	1/Day	1	0
7/12/2006	001	Flow Rate	1/Day	1	0
7/13/2006	001	Flow Rate	1/Day	1	0
7/14/2006	001	Flow Rate	1/Day	1	0
7/15/2006	001	Flow Rate	1/Day	1	0
7/16/2006	001	Flow Rate	1/Day	1	0
7/17/2006	001	Flow Rate	1/Day	1	0
7/18/2006	001	Flow Rate	1/Day	1	0

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<b>Violation Date</b>	<b>Station</b>	<b>Parameter</b>	<b>Sample Frequency</b>	<b>Expected</b>	<b>Reported</b>
7/19/2006	001	Flow Rate	1/Day	1	0
7/20/2006	001	Flow Rate	1/Day	1	0
7/21/2006	001	Flow Rate	1/Day	1	0
7/22/2006	001	Flow Rate	1/Day	1	0
7/23/2006	001	Flow Rate	1/Day	1	0
7/24/2006	001	Flow Rate	1/Day	1	0
7/25/2006	001	Flow Rate	1/Day	1	0
7/26/2006	001	Flow Rate	1/Day	1	0
7/27/2006	001	Flow Rate	1/Day	1	0
7/28/2006	001	Flow Rate	1/Day	1	0
7/29/2006	001	Flow Rate	1/Day	1	0
7/30/2006	001	Flow Rate	1/Day	1	0
7/31/2006	001	Flow Rate	1/Day	1	0
7/1/2006	001	Chlorine, Total Residu	1/2Weeks	1	0
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
8/2/2006	001	Flow Rate	1/Day	1	0
8/3/2006	001	Flow Rate	1/Day	1	0
8/4/2006	001	Flow Rate	1/Day	1	0
8/5/2006	001	Flow Rate	1/Day	1	0
8/6/2006	001	Flow Rate	1/Day	1	0
8/7/2006	001	Flow Rate	1/Day	1	0
8/8/2006	001	Flow Rate	1/Day	1	0
8/9/2006	001	Flow Rate	1/Day	1	0
8/10/2006	001	Flow Rate	1/Day	1	0
8/11/2006	001	Flow Rate	1/Day	1	0
8/12/2006	001	Flow Rate	1/Day	1	0
8/13/2006	001	Flow Rate	1/Day	1	0
8/14/2006	001	Flow Rate	1/Day	1	0
8/15/2006	001	Flow Rate	1/Day	1	0
8/16/2006	001	Flow Rate	1/Day	1	0
8/17/2006	001	Flow Rate	1/Day	1	0
8/18/2006	001	Flow Rate	1/Day	1	0
8/19/2006	001	Flow Rate	1/Day	1	0
8/20/2006	001	Flow Rate	1/Day	1	0
8/21/2006	001	Flow Rate	1/Day	1	0
8/22/2006	001	Flow Rate	1/Day	1	0
8/23/2006	001	Flow Rate	1/Day	1	0
8/24/2006	001	Flow Rate	1/Day	1	0
8/25/2006	001	Flow Rate	1/Day	1	0
8/26/2006	001	Flow Rate	1/Day	1	0
8/27/2006	001	Flow Rate	1/Day	1	0

<b>Violation Date</b>	<b>Station</b>	<b>Parameter</b>	<b>Sample Frequency</b>	<b>Expected</b>	<b>Reported</b>
8/28/2006	001	Flow Rate	1/Day	1	0
8/30/2006	001	Flow Rate	1/Day	1	0
8/31/2006	001	Flow Rate	1/Day	1	0
8/1/2006	001	Chlorine, Total Residu	1/2Weeks	1	0
8/15/2006	001	Chlorine, Total Residu	1/2Weeks	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	Flow Rate	1/Day	1	0
9/2/2006	001	Flow Rate	1/Day	1	0
9/3/2006	001	Flow Rate	1/Day	1	0
9/4/2006	001	Flow Rate	1/Day	1	0
9/5/2006	001	Flow Rate	1/Day	1	0
9/6/2006	001	Flow Rate	1/Day	1	0
9/7/2006	001	Flow Rate	1/Day	1	0
9/8/2006	001	Flow Rate	1/Day	1	0
9/9/2006	001	Flow Rate	1/Day	1	0
9/10/2006	001	Flow Rate	1/Day	1	0
9/11/2006	001	Flow Rate	1/Day	1	0
9/12/2006	001	Flow Rate	1/Day	1	0
9/13/2006	001	Flow Rate	1/Day	1	0
9/14/2006	001	Flow Rate	1/Day	1	0
9/15/2006	001	Flow Rate	1/Day	1	0
9/16/2006	001	Flow Rate	1/Day	1	0
9/17/2006	001	Flow Rate	1/Day	1	0
9/18/2006	001	Flow Rate	1/Day	1	0
9/19/2006	001	Flow Rate	1/Day	1	0
9/20/2006	001	Flow Rate	1/Day	1	0
9/21/2006	001	Flow Rate	1/Day	1	0
9/22/2006	001	Flow Rate	1/Day	1	0
9/23/2006	001	Flow Rate	1/Day	1	0
9/24/2006	001	Flow Rate	1/Day	1	0
9/1/2006	001	Chlorine, Total Residu	1/2Weeks	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	Chlorine, Total Residu	1/2Weeks	1	0

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<b>Violation Date</b>	<b>Station</b>	<b>Parameter</b>	<b>Sample Frequency</b>	<b>Expected</b>	<b>Reported</b>
10/1/2006	001	Dissolved Oxygen	1/Week	1	0
10/8/2006	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	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
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
3/22/2007	001	Water Temperature	1/Week	1	0
3/22/2007	001	Dissolved Oxygen	1/Week	1	0
6/1/2007	001	Chlorine, Total Residu	1/2Weeks	1	0
10/1/2007	001	Chlorine, Total Residu	1/2Weeks	1	0
10/15/2007	001	Chlorine, Total Residu	1/2Weeks	1	0
8/1/2007	001	Chlorine, Total Residu	1/2Weeks	1	0
9/1/2007	001	Chlorine, Total Residu	1/2Weeks	1	0
9/1/2007	001	Dissolved Oxygen	1/Week	1	0
9/8/2007	001	Dissolved Oxygen	1/Week	1	0
9/15/2007	001	Dissolved Oxygen	1/Week	1	0

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

enclosures

File: Semi-Public/Copley

