



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

January 31, 2011

RE: SUMMIT COUNTY
COPLEY TWP.
COPLEY-FAIRLAWN HIGH SCHOOL
OHIO EPA PERMIT NO. 3PT00047*AD
COMPLIANCE EVALUATION INSPECTION

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

Dear Mr. Robinson:

On January 3, 2011, a Compliance Evaluation Inspection (CEI) was conducted at the wastewater treatment plant serving Copley-Fairlawn High School. The purpose of such an inspection is to determine whether the plant is meeting the requirements of its NPDES permit, and to inspect the overall condition of the plant.

The existing wastewater treatment system consists of a 4800 gallon trash trap, a 32,000 gallon surge tank, a 24,000 gpd extended aeration plant with a 4300 gallon clarifier, a dosing station, a 4356 square foot surface sand filter, and a 3170 gallon chlorine contact tank. The plant discharges to Pigeon Creek via an unnamed tributary. The basis of design was 1200 students @ 20 gpd/student for a total of 24,000 gpd. At the time of the inspection, the following observations were made:

1. The mixed liquor in the aeration tank was a dark brown color, rather than the appropriate chocolate brown color. There was also quite a bit of dark foam present. It appears it is time to waste solids from the system.
2. In the clarifier, it appeared that the skimmer is not working properly. The sludge return line also appeared to not be operating properly.
3. The surface sand filters were covered with solids. The solids should be removed and properly disposed with the trash, ultimately proceeding to a solid waste landfill.

Upon review of the electronic Discharge Monitoring Reports (eDMR's) submitted for the plant from January 2009 to January 2011, the following effluent violations were noted:

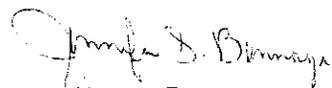
Reporting Period	Outfall Station	Parameter	Limit Type	Limit	Reported	Viol date
January 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	4.0	13.1	1/1/2009
January 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	6.0	13.1	1/8/2009

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Reporting Period	Outfall Station	Parameter	Limit Type	Limit	Reported	Viol date
March 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	4.0	6.67	3/1/2009
March 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	6.0	6.67	3/8/2009
April 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	4.0	4.9	4/1/2009
May 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	3.7	5/1/2009
May 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	3.7	5/15/2009
July 2009	001	Total Suspended Solids	30D Conc	12	16.	7/1/2009
July 2009	001	CBOD 5 day	30D Conc	10	11.	7/1/2009
November 2009	001	Nitrogen, Ammonia (NH3)	30D Conc	4.0	17.8	11/1/2009
November 2009	001	Nitrogen, Ammonia (NH3)	30D Qty	0.364	.46487	11/1/2009
November 2009	001	Nitrogen, Ammonia (NH3)	7D Conc	6.0	17.8	#####
December 2009	001	Dissolved Oxygen	1D Conc	5.0	4.6	#####
January 2010	001	Dissolved Oxygen	1D Conc	5.0	4.6	1/14/2010
February 2010	001	Total Suspended Solids	30D Conc	12	13.	2/1/2010
May 2010	001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	2.6	5/1/2010
August 2010	001	Dissolved Oxygen	1D Conc	5.0	4.3	8/16/2010
November 2010	001	Total Suspended Solids	30D Conc	12	15.	11/1/2010

Please be advised such instances of noncompliance are subject to enforcement pursuant to ORC 6111. It is directed you and your wastewater treatment plant operator inform this office, in writing, the possible reasons for the numerous violations and the plan of action to alleviate future violations. Please respond to this letter by February 14, 2011. If you have any questions, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage
 Environmental Engineer
 Division of Surface Water

JSB/mt