



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

February 22, 2013

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

CERTIFIED MAIL

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

Dear Mr. Robinson:

On February 13, 2013, 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 National Pollutant Discharge Elimination System (NPDES) permit, and to inspect the overall condition of the plant.

According to our files, the existing wastewater treatment system consists of a 4,800-gallon trash trap, a 32,000-gallon surge tank, a 24,000-gpd extended aeration plant with a 4,300-gallon clarifier, a dosing station, a 4,356-square foot surface sand filter, and a 3,170-gallon disinfection tank. The plant discharges to Pigeon Creek via an unnamed tributary. The basis of design was 1,200-students at 20-gpd per 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 tanks was dark brown and odorous, rather than the appropriate chocolate brown color with musty odor. Also, there was lots of dark brown foam. It appears that it may be time to waste solids from the system.
2. The return lines from the clarifier to the aeration tank were light in color, rather than chocolate brown. It appears that not enough solids are being properly returned to the aeration tank. Perhaps, the clarifier walls need scraped down, or the return lines are being short-circuited. Furthermore, the clarifier contained lots of floating solids, some of which were overflowing into the clarifier effluent weir.
3. The surface sand filters need cleaned; they contained thick drying solids.
4. The disinfection tank appeared clear, without visible solids.

Upon review of the electronic Discharge Monitoring Reports (eDMR's) submitted for the plant from January 2012 through January 2013, the following effluent violations were noted:

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2012	E. coli	30D Conc	161	660.	7/1/2012
July 2012	E. coli	7D Conc	362	660.	7/15/2012
September 2012	E. coli	30D Conc	161	218.	9/1/2012
December 2012	Nitrogen, Ammonia (NH3)	30D Conc	4.0	9.5	12/1/2012
December 2012	Nitrogen, Ammonia (NH3)	7D Conc	6.0	9.5	12/15/2012

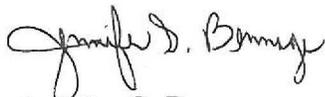
Please be advised that such instances of noncompliance are subject to enforcement pursuant to ORC 6111. As soon as possible, this office would like a written explanation for the E. coli violations and a plan of action to obtain compliance.

Also upon review of the eDMR's, it was noted that the school's reported flow values still appear to be extremely low. From January through May 2012, the average daily flow was only 4,000-gpd. This office would like to double check with your wastewater treatment plant operator how the daily flow is estimated.

As previously agreed upon, it is required that this office receive an annual update concerning the school's efforts to obtain sanitary sewers from the City of Akron. Please send this office a written update as soon as possible.

In conclusion, the wastewater treatment plant appeared to be in satisfactory operation and maintenance condition. This office looks forward to receiving responses to the above comments. If you have any questions, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage
Environmental Engineer
Division of Surface Water

JSB/cs

ec: Tom LaPlante, Summit County Health Dept.
Denny White, Plant Operator

cc: Denny White

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

2. Article Number
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DSW

PS Form 3811, February 2004

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