

**Environmental  
Protection Agency**

John Kasich, Governor  
Paul Taylor, Lt. Governor  
Scott A. Ratzliff, Director

August 16, 2011

RE: SUMMIT COUNTY  
COPLEY TOWNSHIP  
SPRING GARDEN WALDORF SCHOOL  
1791 JACOBY ROAD  
COMPLIANCE EVALUATION INSPECTION/  
NOTICE OF VIOLATION  
OHIO EPA NO. 3PT00127

Mr. Steve Tabeling, Administrator  
Spring Garden Waldorf School  
1791 Jacoby Road  
Copley, OH 44321

Dear Mr. Tabeling:

On August 9, 2011, a Compliance Evaluation Inspection (CEI) was conducted at the wastewater treatment plant serving Spring Garden Waldorf School. According to our files, the wastewater treatment system consists of a 1000 gallon trash trap, 3000 gallon aerated flow equalization tank, 10,000 gpd extended aeration tank with clarifier, 1000 gallon dosing chamber, 434 square foot surface sand filter, ultraviolet disinfection unit, and 1000 gallon aerated sludge holding tank. The plant discharges to Pigeon Creek via an unnamed tributary.

The plant's NPDES permit, which became effective on August 1, 2006, permits 5000 gpd of treated effluent to be discharged. Basis of design is 220 students and 25 faculty for a total of 3975 gpd of wastewater. This NPDES permit expired on July 31, 2011. As soon as possible, please submit the enclosed renewal NPDES Application Forms 1 and 2E, and the Antidegradation Addendum. A \$200 renewal fee, made payable to Treasurer of State of Ohio is required.

During the recent inspection, the wastewater treatment plant was running, and the mixed liquor appeared to be light in color; this light color is probably due to the low average daily flow entering the plant. The sludge return was operating, but it did not appear that the skimmer return line was operating. The top of the clarifier contained a lot of green algae. The surface sand filter was very clean. It was noted that the sand filters contain unpermitted overflow pipes, but these pipes contained caps. An important deficiency noted is that there appears to be much soil washed out around the dosing chamber. As soon as possible, soil should be replaced around the tank; to prevent this from reoccurring, some re-grading may need to be done around the plant.

Review of the Discharge Monitoring Reports (DMRs) reported for your facility from August 2010 to August 2011, revealed the following numeric effluent violations:

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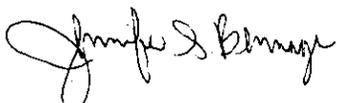
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
October 2010	001	Nitrogen, Ammonia (NH3)	30D Conc	2.0	21.	10/1/2010
October 2010	001	Nitrogen, Ammonia (NH3)	7D Conc	3.0	21.	10/22/2010
October 2010	001	Dissolved Oxygen	1D Conc	6.0	1.6	10/28/2010
January 2011	001	Total Suspended Solids	30D Conc	12	23.	1/1/2011
January 2011	001	Total Suspended Solids	7D Conc	18	23.	1/22/2011
May 2011	001	Total Suspended Solids	30D Conc	12	74.	5/1/2011
May 2011	001	Fecal Coliform	30D Conc	1000	2200.	5/1/2011
May 2011	001	Total Suspended Solids	7D Conc	18	74.	5/22/2011
May 2011	001	Fecal Coliform	7D Conc	2000	2200.	5/22/2011
June 2011	001	Total Suspended Solids	30D Conc	12	42.	6/1/2011
June 2011	001	Total Suspended Solids	7D Conc	18	42.	6/22/2011

Please be advised such instances of noncompliance are subject to enforcement pursuant to Ohio Revised Code 6111. As this is a newly upgraded treatment plant that is under loaded, please have your technical wastewater treatment plant operator explain in writing the reasons for the violations along with possible remedies.

An explanation is also needed for the frequent use of the AH and AN codes. AH is to signify "Sample not Taken" and an explanation should be included in the eDMRs. AN is to signify "Sample Not Taken, Plant Not Normally Staffed (Saturdays, Sundays, and Holidays)." The use of this code is limited to Saturdays, Sundays, and officially recognized municipal holidays if the treatment plant is not normally staffed on those days.

If you have any questions concerning this letter, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage  
Environmental Engineer  
Division of Surface Water

JSB/mt

Enclosures

cc: Tom LaPlante, Summit County Health Dept.  
Fred Rothwell, Humbert Sanitary Service, Inc.