



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

March 17, 2010

RE: Geauga County, Bainbridge Township
Kenston Local Schools
Gardiner Early Learning Center WWTP and
Kenston Intermediate/
Kenston Middle School WWTP
Ohio EPA Permit No. 3PT00051
Pre-Permit Inspection/
Compliance Evaluation Inspection

CERTIFIED MAIL

Dr. Robert A. Lee, Superintendent
Kenston Local Schools
17419 Snyder Road
Chagrin Falls, OH 44023

Dear Mr. Lee:

On March 5, 2010, a Pre-Permit Inspection/Compliance Evaluation Inspection (CEI) was conducted at the Gardiner Early Learning Center wastewater treatment plant (WWTP) and the Kenston Intermediate School/Kenston Middle School (former High School) WWTP.

According to our files, the Gardiner Early Learning Center WWTP consists of a 1500 gallon trash trap, 5500 gallon equalization tank, 10,000 gallon extended aeration plant with clarifier, 1000 gallon dosing tank, 850 square foot surface sand filter, 950 gallon chlorination/dechlorination tank and a 2000 gallon aerated sludge holding tank.

At the time of the inspection, the plant appeared to be in satisfactory condition. All components of the treatment plant appeared to be operating properly, and the effluent appeared to be clear of visible solids. It is recommended that a watertight container and/or dumpster be placed near the plant to hold dried solids which are raked off the sand filters. Those solids would ultimately be disposed of in a permitted solid waste landfill along with the rest of the school's trash. For safety and liability reasons, it is also strongly recommended that the fence around the WWTP be kept locked; it was unlocked on the day of the recent inspection.

According to our files, the Kenston Intermediate School/Kenston Middle School WWTP consists of a 4500 gallon trash trap, 16,500 gallon equalization tank, 30,000 gallon extended aeration plant with clarifier, 3000 gallon dosing tank, 2500 square foot surface sand filter, UV disinfection, 3000 gallon aerated sludge holding tank and 1000 gallon scum tank.

At the time of the inspection, the plant appeared to be in satisfactory condition. All components of the treatment plant appeared to be operating properly, and the effluent appeared to be clear of visible solids. The color of the mixed liquor in the aeration tank appeared to be slightly dark. Possibly it is time to waste solids from the system. Again, for safety and liability reasons, it is strongly recommended the fence surrounding the WWTP be kept locked; it too was unlocked on the day of the recent inspection.

Dr. Robert A. Lee
Kenston Local Schools
March 17, 2010
Page 2

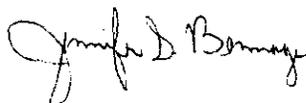
Upon review of the electronic Discharge Monitoring Reports (eDMR's) submitted for the plants from March 1, 2008 through February 2010, the following effluent violations were noted:

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
003	CBOD 5 day	30D Conc	10	58.	9/1/2008
003	CBOD 5 day	7D Conc	15	58.	9/15/2008
003	CBOD 5 day	30D Qty	1.14	2.1953	9/1/2008
003	CBOD 5 day	7D Qty	1.7	2.1953	9/15/2008
003	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.73	7/1/2008
003	Nitrogen, Ammonia (NH3)	7D Conc	1.5	3.73	7/22/2008
001	Chlorine, Total Residu	1D Conc	0.019	.55	7/17/2009
001	Chlorine, Total Residu	1D Conc	0.019	.08	10/1/2009
001	Chlorine, Total Residu	1D Conc	0.019	2.5	6/5/2009
001	Chlorine, Total Residu	1D Conc	0.019	.2	6/8/2009
001	Chlorine, Total Residu	1D Conc	0.019	.2	6/10/2009
001	Chlorine, Total Residu	1D Conc	0.019	.2	6/17/2009

Please be advised such instances of noncompliance are subject to enforcement pursuant to Ohio Revised Code 6111.

The Public Notice of the draft NPDES permit will be published in the local newspaper. Once Central Office sends you the draft permit, please read it carefully. A change in your renewal permit concerns E. coli. A change in the State's Water Quality Standards is replacing the fecal coliform effluent limitation with an E. coli effluent limitation. Please notice that your permit's interim effluent tables contain the fecal coliform limitation, but also includes E. coli monitoring. The final effluent tables include E. coli effluent limitations instead of fecal coliform limitations. Please notice that the Schedule of Compliance in your permit directs you to submit to this office, six months after the effective date of the permit, a brief status report on the ability of your existing treatment works to meet the final effluent limit for E. coli. If you have any comments or questions, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage
Environmental Engineer
Division of Surface Water

JSB/mt

cc: Geauga County Health Dept.
Mr. Frank Novotny, Maintenance Foreman, Kenston Local Schools

7008 3230 0003 5479 9055

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)
 For delivery information visit our website at www.usps.com

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

3/18/15

Sent To Dr. Robert A Lee
 Street, Apt. No. or PO Box 1000 Kerston
 City, State, ZIP+4 Local Schools