



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

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

Re: Richland County  
PGW, LLC  
NPDES Permit

October 13, 2009

Richard Krehnovi, EHS Supervisor  
Pittsburgh Glass Works, LLC  
5066 Lincoln Highway  
P.O. Box 269  
Crestline, Ohio 44827

Dear Mr. Krehnovi

On October 1, 2009, an inspection was made of the wastewater treatment facilities serving the PGW glass manufacturing facility located at 5066 Lincoln Highway, Crestline, Richland County. You were present to answer questions regarding the treatment plant operations.

At the time of the inspection both the process wastewater treatment plant and the sanitary wastewater treatment plant appeared to be in good working order. No major concerns were noted. You mentioned that PGW is planning to install a new drainage pipe from the sampling location to a new outlet at PPG tributary that is on PGW property. This would allow PGW to maintain the drainage way and eliminate current flow restrictions caused by a neighboring farmer.

A review of your discharge monitoring reports submitted to our office for the months of November 2008 through August 2009 revealed seven violations of the limits contained in your NPDES permit. PGW submitted a letter to our office dated May 14, 2008 explaining that due to week long stoppages of work, the sanitary treatment plant was not performing as it should. The problem has since been corrected by augmenting the food source for the treatment plant during stoppages.

If you have any questions please contact me at 419-373-3070.

Sincerely,

Walter Ariss  
Environmental Specialist II  
Division of Surface Water  
/cs/

Enclosure

pc: NWDO-DSW file.

Jamie Schnuth, Veolia Water North America

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2IE00004

Facility Name PGW Expiration Date 12/31/2012

Facility Address 5066 Lincoln Highway Date 10/1/09 Time 1:15 am

City Crestline County Richland Township \_\_\_\_\_

Name and Address of Owner \_\_\_\_\_

Person Contacted Rich Khatouvi Owner Phone \_\_\_\_\_

Flow: Design 30,000 GPD Present 3,000-25,000 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 65° sunny

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: RR's Tributary

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has  excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has  excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have \_\_\_\_\_ excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance

d. Not operating at expected efficiency due to:

- (1) \_\_\_\_\_ hydraulic overload  
 (2) \_\_\_\_\_ organic/ solids overload  
 (3) \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

Yes No

4.  \_\_\_\_\_ Compliance with NPDES Permit

Periodic Violations  Y \_\_\_\_\_ N \_\_\_\_\_ Parameters: TSS, CBOD  
 Chronic Violations \_\_\_\_\_

5.  \_\_\_\_\_ Adequate plant safety

6.  \_\_\_\_\_ Operation and Maintenance Service Name Veolia

Frequency of Visits 1/Day

Facility Name: PGW

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	8	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	8	Flow Equalization	
Aeration Equipment		Plant Timer <u>Y</u> 8 <u>N</u>	Cycle Time:
	8	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	8	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> 8 <u>N</u>
Final Settling	8	Clarifier	<i>Very clear</i>
	8	Sludge Return	In 8 Out
	8	Surface Skimmer	In 8 Out
		Fixed Media Clarifier	
<del>Tertiary Treatment</del>		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	8	Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	8	Recorder (continuous total)	
Pumps	8	Raw Wastewater (type)	<i>okay</i>
		Sand Filter Effluent Dosing	
Sludge Handling	8	Aerated Storage Tank	<i>1/2 full</i>
		Sludge Drying Bed	
Sludge Disposal	8	Municipal POTW	
		Landfill	
		Land Application	
<del>Advanced Treatment</del>		Post Aeration	
		Spray Irrigation	
		Other	