

**Environmental
Protection Agency**

Director
Lt. Governor
Governor

August 3, 2011

RE: GEAUGA COUNTY
SCARSDALE WWTP
NPDES #3PG00000
NPDES PRE-PERMIT INSPECTIONS
COMPLIANCE INSPECTION EVALUATION

Mr. Doug Bowen
470 Center Street, Bldg #3
Chardon, Ohio 44024

Dear Mr. Bowen:

On August 2, 2011, this writer conducted an inspection of the sewage treatment plant serving the above referenced facility located at 850 Coy Lane, Russell Township, Geauga County. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit in conjunction with the renewal of said permit. The monthly operating reports (MORs) from July 1st, 2009 to July 1st, 2011 were reviewed for compliance with the current NPDES permit with only one pH violation during that time period.

The plant was flooded on August 1, 2011 (the operator noted the flooding in the plant's log book and informed this office that the upstream lift station had been pumped). The aeration tank was not provided enough air and appeared to have "dead" zones caused by blower #1 being "locked out". The northwest corner of the sand filter is cracked allowing partially treated wastewater to be discharged to waters of the state. This is a direct violation of ORC 6111.44. Both sand filters need to be leveled to allow for even distribution of water on the surface. The east bed has a large quantity of solids accumulating on the surface. There was a leak in the distribution pipe near the east bed shut-off valve. Most of the weirs are in need of cleaning due to algae build-up.

Please inform this office, in writing, within 7 days of the date of this letter as to the action taken to eliminate the discharge of partially treated wastewater and to schedule a follow up inspection.

Should you have any comments or questions regarding this letter, please contact this office at (330) 963-1164 or by email at david.rischar@epa.state.oh.us.

Respectfully,



David J. Rischar
Assistant to the District Engineer
Division of Surface Water

DJR/mt

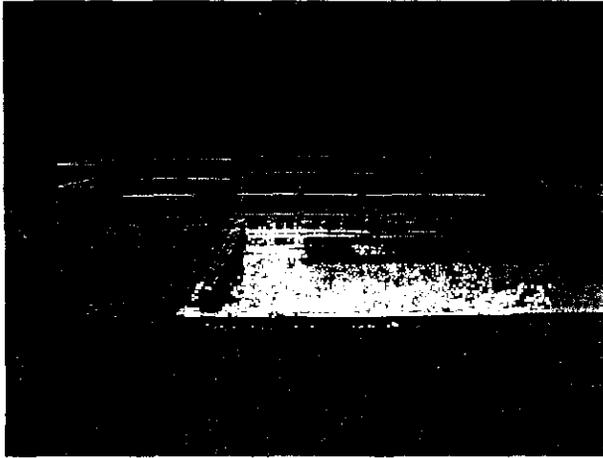


Figure 1: Flooding of plant occurring on Aug. 1st.

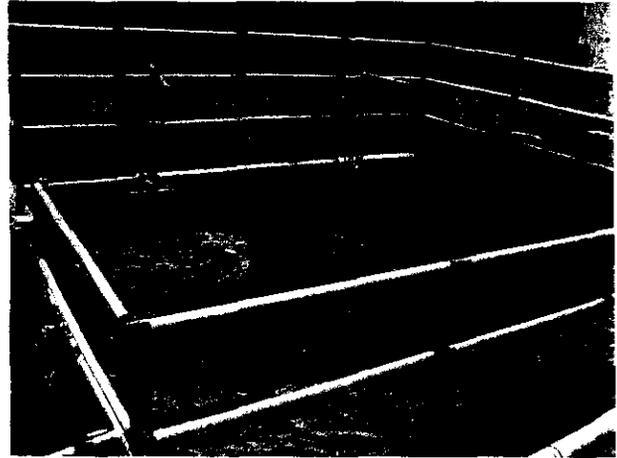


Figure 2: Aeration tank with only one blower online.



Figure 3: Algae build up on the weirs.



Figure 4: Crack in the NW corner of the sand filter allowing partially treated waste to be discharged to waters of the state.



Figure 5: Surface of west sand filter is not level allowing the water to concentrate in the NW corner of the filter.

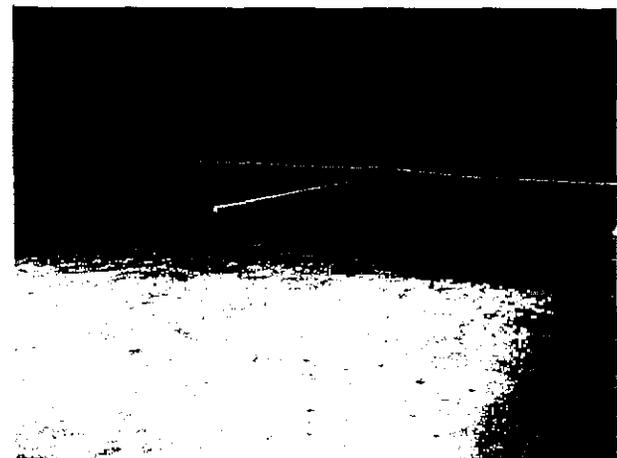


Figure 6: Surface of east sand filter with solids accumulation.