



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

April 26, 2012

RE: WAYNE COUNTY
WOOSTER TOWNSHIP
TRIWAY LANES
NPDES # 3PR00312

Mr. Verton Yoder
President
3392 Columbus Road
Wooster, OH 44691

Dear Mr. Yoder:

On April 20, 2012, this writer conducted an inspection of the sewage treatment plant serving Triway Lanes. The intent of the inspection was to evaluate the facility's compliance with respect to the terms and conditions of the National Pollutant Discharge Elimination System (NPDES). The information gathered during the inspection will be utilized in determining the renewal status of the NPDES permit

The bowling complex is served by a 5,500 GPD wastewater treatment plant (WWTP). The plant consist of an extended aeration activated sludge treatment process, final settling tank, dosing chamber, slow surface sand filtration, disinfection tank, and sludge holding tank.

At the time of the inspection, the WWTP was found to be in a deteriorating condition.

Observations

Following are observations made during the inspection:

- 1) The wall of the sludge holding tank was collapsed. The sludge holding tank cannot be used for its intended purpose due to the condition. See photo 1.
- 2) The south side of the final settling tank is crumbling. The rebar is visible and water could be seen seeping through this area. A large wet spot is visible on the ground below the area. Additionally, the piping from the final settling tank to the dosing chamber is leaking and resulting in a wet area between the tanks. Bypassing around any portion of your treatment system violates the conditions of your NPDES permit, specifically Part III, item 11. See photos 2, 3, and 4.
- 3) The sand in the sand filter beds is old and should be replaced. See photo 5.
- 4) The disinfection tank was 1/3 unsupported due to erosion. The disinfection tank was leaking. This was evident by exposed ground under the tank being saturated. Bypassing around any portion of your treatment system violates the conditions of your NPDES permit, specifically Part III, item 11. See photos 6 and 7.
- 5) The color of the extended aeration tank was light brown. The blowers were functioning and the skimmer return line from the final settling tank was operating. The concrete supporting the blowers appeared to be weathering. See Photo 8.
- 6) The dosing pumps were working.

Overall, the WWTP is deteriorating and failing. A construction compliance schedule will be included in the NPDES permit to complete upgrades and repairs to the WWTP.

A review of your Discharge Monitoring Reports (DMRs) covering the period May 2007 to April 2012 revealed the following effluent violations:

Permit No	Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PR00312*AD	June 2007	001	Chlorine, Total Residu	1D Conc	0.038	.15	6/1/2007
3PR00312*BD	August 2007	001	Chlorine, Total Residu	1D Conc	0.038	.53	8/1/2007
3PR00312*BD	August 2007	001	Dissolved Oxygen	1D Conc	6.0	5.06	8/1/2007
3PR00312*BD	June 2008	001	Chlorine, Total Residu	1D Conc	0.038	.33	6/2/2008
3PR00312*BD	June 2008	001	Dissolved Oxygen	1D Conc	6.0	5.96	6/2/2008
3PR00312*BD	June 2010	001	Total Suspended Solids	30D Conc	12	96.	6/1/2010
3PR00312*BD	June 2010	001	Total Suspended Solids	30D Qty	0.25	.47346	6/1/2010
3PR00312*BD	June 2010	001	Total Suspended Solids	1D Conc	18	96.	6/21/2010
3PR00312*BD	June 2010	001	Total Suspended Solids	1D Qty	0.38	.47346	6/21/2010
3PR00312*BD	August 2010	001	Total Suspended Solids	30D Conc	12	41.	8/1/2010
3PR00312*BD	August 2010	001	Total Suspended Solids	1D Conc	18	41.	8/17/2010
3PR00312*BD	March 2011	001	Total Suspended Solids	30D Conc	12	17.	3/1/2011
3PR00312*BD	August 2011	001	Total Suspended Solids	30D Conc	12	100.	8/1/2011
3PR00312*BD	August 2011	001	Fecal Coliform	30D Conc	1000	3600.	8/1/2011
3PR00312*BD	August 2011	001	Total Suspended Solids	1D Conc	18	100.	8/9/2011
3PR00312*BD	August 2011	001	Fecal Coliform	1D Conc	2000	3600.	8/9/2011
3PR00312*BD	March 2012	001	Total Suspended Solids	30D Conc	12	29.	3/1/2012
3PR00312*BD	March 2012	001	Total Suspended Solids	1D Conc	18	29.	3/11/2012

Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1255.

Respectfully,



Todd Surrena
Engineering Geologist
Division of Surface Water

Attachments: Photographs

TMS/cs

cc: Matt Meshew, Owner, Triway Lanes
Wayne County Health Dept.
Kevin Dean, Deans Backflow Service

File: Semi-Public/Wooster Township/Wayne County

ATTACHMENTS



Photo 1: Sludge holding tank



Photo 2: Settling tank



Photo 3: Settling tank.



Photo 4: Settling tank.



Photo 5: Sand filter bed.



Photo 6: Disinfection tank.



Photo 7: Disinfection tank.



Photo 8: Blowers atop of aeration tank.