

**Environmental
Protection Agency**

Tim Walcott, Governor
Lee Fisher, Lt. Governor
John J. Anderson, Director

November 15, 2010

RE: WAYNE COUNTY
CONGRESS TOWNSHIP
ODOT PARK 3-36
3PP00029

Mr. Duane Rocha, Treatment Plant Coordinator
Ohio Department of Transportation, District 3
906 North Clark Street
Ashland, Ohio 44805

Dear Mr. Rocha:

On November 9, 2010, this writer met with you to conduct a pre-permit compliance evaluation inspection of the sewage treatment plant serving your facility.

The treatment plant consists of two 20,000 gpd treatment plants that run in parallel located at the southbound rest area and a pump station at the northbound rest area. The plant is currently operating with one train plugged off so only 20,000 gpd can be treated at any given time. The average influent to the wastewater treatment plant was between 6,000 to 8,000 gpd over the past year. The treatment facility is not to open the other treatment train without approval by this office since that will be an increase in discharge loadings to the receiving stream.

The existing sewage treatment system consists of an influent pump station, manually cleaned bar screen followed by a flow equalization tank, 20,000 gpd extended aeration plant, secondary clarification, dosing chamber, surface sand filter beds, UV disinfection system, and sludge holding tank. The system discharges to an unnamed tributary of Muddy Fork. Below are our findings from the inspection:

The flow equalization tank was in good condition. The mixed liquor in the aeration tank was a chocolate brown color with good air circulation and adequate rollover provided throughout the tank. The sludge return line was in operation. The surface of the clarifier portion of the tank was clear with the skimmer being visible and working. The weirs and influent baffle were clean and in good condition.

The pumps in the dosing station are on timers. The dosing station, blowers and flow equalization are set up to an alarm system which includes visual flashing lights and an autodialer connected to the maintenance building and the operator's cell phone.

The surface sand filters appeared to be in good operation with no weed growth present and good media distribution. The UV disinfection system was not in operation during this time of the year. The 12,000 gallon sludge holding tank was in good condition. Sludge is currently removed from the facility and hauled to the Village of Lodi WWTP.

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. The plant appeared to be in good operating condition and maintenance.

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A review of your Discharge Monitoring Reports (DMRs) covering the period May 2009 through October 2010 revealed the following effluent violations:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2010	001	00530	Total Suspended Solids	30D Qty	0.91	122634.	7/1/2010
July 2010	001	00530	Total Suspended Solids	7D Qty	1.36	122634.	7/1/2010
July 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	7572.64	7/1/2010
July 2010	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.17	7572.64	7/1/2010
July 2010	001	80082	CBOD 5 day	30D Qty	0.76	61317.	7/1/2010
July 2010	001	80082	CBOD 5 day	7D Qty	1.14	61317.	7/1/2010
October 2010	001	00530	Total Suspended Solids	30D Qty	0.91	1.0598	10/1/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	1.52	10/1/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.11	.40272	10/1/2010
October 2010	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.17	.40272	10/1/2010

As discussed with you during the inspection, new water quality standards were adopted by Ohio EPA. These rules require changes to be made to the bacteria monitoring and limits in all new and renewed NPDES permits. The new standards will require the implementation of E. coli limits and monitoring requirements. The E. coli standards will be stated in the renewed NPDES permit. Information regarding the new E. coli water quality standards can be found on the Ohio EPA, Division of Surface Water Web site: www.epa.ohio.gov/dsw.

The renewal NPDES permit for this facility will be public noticed in the near future. You will have 30 days from the date of public notice to submit written comments to Ohio EPA regarding the draft permit.

Overall, the results of the inspection were satisfactory. Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1255.

Sincerely,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/mt

cc: Wayne County Health Department

File: Semi-Public/Permit Compliance/Wayne County- Congress Township/ODOT Park 3-36