



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

December 16, 2011

RE: LAKE COUNTY
PAINESVILLE TOWNSHIP
PERRY ONE STOP SUNOCO
2500 NORTH RIDGE ROAD
NPDES PERMIT NO. 3PR00471

NOTICE OF VIOLATION

Mike Rajko
29200 Euclid Avenue
Wickliffe, OH 44092

Dear Mr. Rajko:

On December 8, 2011, this writer conducted a compliance evaluation inspection (CEI) of the wastewater treatment plant (WWTP) that serves Perry One Stop. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit effluent limits.

At the time of inspection, all treatment units were in operation. The wastewater treatment plant does not meet the current design criteria of Ohio EPA. The antiquated plant consists of an extended aeration plant with an aeration tank and settling tank.

The following observations were noted:

- 1) The aeration tank contained little activated sludge. The mixed liquor suspended solids content was weak. The return sludge line was weak. Steps should be taken to increase the organic strength of the mixed liquor.
- 2) The settling tank content was turbid. Sludge was floating on the surface of the tank.

A review of the discharge monitoring reports, covering the period October 2010 to October 2011 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	30.	12/1/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	15.5	12/1/2010
001	00530	Total Suspended Solids	1D Conc	18	30.	12/29/2010
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	15.5	12/29/2010
001	00300	Dissolved Oxygen	1D Conc	6.0	16.	3/6/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	15.	3/13/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	16.	3/20/2011
001	00300	Dissolved Oxygen	1D Conc	6.0	16.	3/27/2011
001	00530	Total Suspended Solids	30D Conc	12	60.	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	17.	6/1/2011
001	31616	Fecal Coliform	30D Conc	1000	4300.	6/1/2011
001	80082	CBOD 5 day	30D Conc	10	23.	6/1/2011

001	00530	Total Suspended Solids	1D Conc	18	60.	6/30/2011
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	17.	6/30/2011
001	80082	CBOD 5 day	1D Conc	15	23.	6/30/2011

The following frequency violations were revealed:

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00530	Total Suspended Solids	1/Quarter	1	0	08/01/2011
001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	08/01/2011
001	31616	Fecal Coliform	1/Quarter	1	0	08/01/2011
001	80082	CBOD 5 day	1/Quarter	1	0	08/01/2011
001	50060	Chlorine, Total Residual	1/Quarter	1	0	08/01/2011

The NPDES permit has a schedule of compliance for the upgrade of the WWTP. A permit-to-install (PTI) application and detailed design plans were to have been submitted to this agency by March 1, 2008. By June 1, 2008, construction of the upgraded plant was to have commenced. By October 1, 2008, construction of the plant was to be completed. By November 1, 2008 the upgraded WWTP was to attain operational level and meet the final effluent limitations of the NPDES permit.

This agency has not received the PTI application or design plans and construction has not commenced. You are currently in violation of the NPDES permit for Perry One Stop.

Be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting or compliance schedule requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111. Enforcement action may include a monetary penalty.

Pursuant to Ohio Administrative Code (OAC) 3745-7-09, effective December 21, 2006, this agency requires the owner and operator of record of a WWTP to maintain operation and maintenance records for the WWTP. The records shall be housed onsite and shall be accessible for twenty-four hour inspection.

The following information must be recorded:

- 1) Identification of the sewage treatment works;
- 2) Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
- 3) Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage conveyed or effluent produced;
- 4) Results of tests performed and samples taken, unless documented on a laboratory sheet;
- 5) Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage conveyed, effluent produced; and
- 6) Identification of the persons making entries.

PERRY ONE STOP SUNOCO
DECEMBER 16, 2011
PAGE 3 OF 3

Please review the administrative code carefully for information on all requirements. Perry One Stop must immediately make provisions for onsite operation and maintenance records.

Within 10 days of the date of this letter, you are directed to notify this office, in writing, outlining the corrective action, either actual or proposed, that will be taken to eliminate the above highlighted deficiencies.

Should you have any questions, please contact the undersigned at (330) 963-1183.

Sincerely,

A handwritten signature in cursive script that reads "Marie Underwood".

Marie Underwood, P.E
Environmental Engineer
Division of Surface Water

MU/cs