



**Environmental  
Protection Agency**

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

June 28, 2011

RE: WAYNE COUNTY  
CHIPPEWA TWP.  
CHIPPEWA GOLF CLUB  
12147 SHANK ROAD  
NPDES #3PR00400

**NOTICE OF VIOLATION**

**CERTIFIED MAIL**

Mr. Kevin Larizza  
Chippewa Golf Club  
12147 Shank Road  
Doylestown, Ohio 44230

Dear Mr. Larizza:

On June 20, 2011, this office conducted an inspection of the wastewater treatment plant serving the above referenced facility. Present during the inspection was this writer.

The current wastewater treatment plant consists of an aeration tank and clarifier. The aeration system was in operation and an adequate amount of air appeared to be supplied to the tank. The sludge return line was in operation and the contents of the tank appeared to be a light brown color.

In reviewing compliance data for your facility, it has come to this office's attention that your facility has continued noncompliance with your NPDES permit. You are in significant noncompliance with your NPDES permit compliance schedule and NPDES permit discharge limits. More specifically, the Chippewa Golf Course is in noncompliance for the following:

- 1) Your NPDES permit contains a compliance schedule that required you to submit detail plans for wastewater treatment plant and sewer system improvements. To date, these detail plans have not been submitted. The required improvements shall include but are not limited to a P.E. evaluation of the integrity and ability to operate the existing treatment, a dosing station, tertiary treatment and disinfection.

According to the compliance schedule of your NPDES permit (copy enclosed), the detail plans for the upgraded wastewater treatment plant were required to be submitted by July 1, 2007 and the upgrades were required to be installed by January 1, 2008. As of now, you are in noncompliance with your NPDES permit for failing to comply with your compliance schedule.

You must hire a Professional Engineer to complete a performance evaluation of the existing wastewater treatment system and design the wastewater plant upgrade. The findings of the performance evaluation must be submitted to Ohio EPA. It will be the engineer's responsibility to determine what is required to bring the plant into compliance with Ohio EPA's 1993 edition of the "Greenbook", otherwise known as "Sewage: Collection, Treatment and Disposal Where Public Sewers are not Available."

Four sets of detail plans of the wastewater treatment system must be prepared and stamped by a Professional Engineer and submitted to this office for review. The detail plans will be forwarded to the Director's Office with our recommendations. The Professional Engineer preparing the plans shall also be responsible for overseeing the installation of the system. Your contract with the engineer must include the inspection during construction. In accordance with the Ohio Revised Code (ORC) 6111.44, you must receive formal approval from the Director's Office prior to construction. The Plan Approval Procedures can be found on our Web site at <http://www.epa.ohio.gov/dsw/pti/index.aspx>.

- 2) A review of your discharge monitoring reports covering the period February 2010 through May 2010 revealed the following violations:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
April 2010	001	Total Suspended Solids	30D Conc	12	76.	4/1/2010
April 2010	001	Total Suspended Solids	30D Qty	.09	.28766	4/1/2010
April 2010	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	11.5	4/1/2010
April 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.022	.04353	4/1/2010
April 2010	001	CBOD 5 day	30D Conc	10	25.	4/1/2010
April 2010	001	CBOD 5 day	30D Qty	.075	.09463	4/1/2010
April 2010	001	Total Suspended Solids	1D Conc	18	76.	4/19/2010
April 2010	001	Total Suspended Solids	1D Qty	0.136	.28766	4/19/2010
April 2010	001	Nitrogen, Ammonia (NH3	1D Conc	4.5	11.5	4/19/2010
April 2010	001	Nitrogen, Ammonia (NH3	1D Qty	.034	.04353	4/19/2010
April 2010	001	CBOD 5 day	1D Conc	15	25.	4/19/2010
April 2010	001	Dissolved Oxygen	1D Conc	6.0	5.7	4/19/2010
May 2010	001	Total Suspended Solids	30D Conc	12	110.	5/1/2010
May 2010	001	Total Suspended Solids	30D Qty	.09	.39553	5/1/2010
May 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	27.6	5/1/2010
May 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.007	.09924	5/1/2010
May 2010	001	Fecal Coliform	30D Conc	1000	1800.	5/1/2010
May 2010	001	CBOD 5 day	30D Conc	10	15.	5/1/2010
May 2010	001	Total Suspended Solids	1D Conc	18	110.	5/24/2010
May 2010	001	Total Suspended Solids	1D Qty	0.136	.39553	5/24/2010
May 2010	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	27.6	5/24/2010

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2010	001	Nitrogen, Ammonia (NH3	1D Qty	.011	.09924	5/24/2010
May 2010	001	Chlorine, Total Residu	1D Conc	.019	.1	5/24/2010
June 2010	001	Total Suspended Solids	30D Conc	12	82.	6/1/2010
June 2010	001	Total Suspended Solids	30D Qty	.09	.34141	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.99	6/1/2010
June 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.007	.00829	6/1/2010
June 2010	001	Fecal Coliform	30D Conc	1000	20000.	6/1/2010
June 2010	001	CBOD 5 day	30D Conc	10	84.	6/1/2010
June 2010	001	CBOD 5 day	30D Qty	.075	.34973	6/1/2010
June 2010	001	Total Suspended Solids	1D Conc	18	82.	6/28/2010
June 2010	001	Total Suspended Solids	1D Qty	0.136	.34141	6/28/2010
June 2010	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.99	6/28/2010
June 2010	001	Fecal Coliform	1D Conc	2000	20000.	6/28/2010
June 2010	001	CBOD 5 day	1D Conc	15	84.	6/28/2010
June 2010	001	CBOD 5 day	1D Qty	.113	.34973	6/28/2010
July 2010	001	Total Suspended Solids	30D Conc	12	190.	7/1/2010
July 2010	001	Total Suspended Solids	30D Qty	.09	.69038	7/1/2010
July 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	15.9	7/1/2010
July 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.007	.05777	7/1/2010
July 2010	001	Fecal Coliform	30D Conc	1000	8700.	7/1/2010
July 2010	001	CBOD 5 day	30D Conc	10	29.	7/1/2010
July 2010	001	CBOD 5 day	30D Qty	.075	.10537	7/1/2010
July 2010	001	Total Suspended Solids	1D Conc	18	190.	7/26/2010
July 2010	001	Total Suspended Solids	1D Qty	0.136	.69038	7/26/2010
July 2010	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	15.9	7/26/2010
July 2010	001	Nitrogen, Ammonia (NH3	1D Qty	.011	.05777	7/26/2010
July 2010	001	Fecal Coliform	1D Conc	2000	8700.	7/26/2010
July 2010	001	CBOD 5 day	1D Conc	15	29.	7/26/2010
July 2010	001	pH	1D Conc	6.5	5.9	7/26/2010
July 2010	001	Dissolved Oxygen	1D Conc	6.0	4.2	7/26/2010
August 2010	001	Total Suspended Solids	30D Conc	12	240.	8/1/2010
August 2010	001	Total Suspended Solids	30D Qty	.09	1.11733	8/1/2010
August 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	32.2	8/1/2010
August 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.007	.14991	8/1/2010
August 2010	001	Fecal Coliform	30D Conc	1000	5300.	8/1/2010
August 2010	001	CBOD 5 day	30D Conc	10	30.	8/1/2010
August 2010	001	CBOD 5 day	30D Qty	.075	.13967	8/1/2010
August 2010	001	Total Suspended Solids	1D Conc	18	240.	8/24/2010
August 2010	001	Total Suspended Solids	1D Qty	0.136	1.11733	8/24/2010
August 2010	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	32.2	8/24/2010
August 2010	001	Nitrogen, Ammonia (NH3	1D Qty	.011	.14991	8/24/2010
August 2010	001	Fecal Coliform	1D Conc	2000	5300.	8/24/2010
August 2010	001	CBOD 5 day	1D Conc	15	30.	8/24/2010
August 2010	001	CBOD 5 day	1D Qty	.113	.13967	8/24/2010

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Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2010	001	Dissolved Oxygen	1D Conc	6.0	3.1	8/24/2010
September 2010	001	Total Suspended Solids	30D Conc	12	54.	9/1/2010
September 2010	001	Total Suspended Solids	30D Qty	.09	.16556	9/1/2010
September 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	43.1	9/1/2010
September 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.007	.13214	9/1/2010
September 2010	001	Fecal Coliform	30D Conc	1000	6400.	9/1/2010
September 2010	001	Total Suspended Solids	1D Conc	18	54.	9/21/2010
September 2010	001	Total Suspended Solids	1D Qty	0.136	.16556	9/21/2010
September 2010	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	43.1	9/21/2010
September 2010	001	Nitrogen, Ammonia (NH3	1D Qty	.011	.13214	9/21/2010
September 2010	001	Fecal Coliform	1D Conc	2000	6400.	9/21/2010
September 2010	001	pH	1D Conc	6.5	6.2	9/21/2010
September 2010	001	Dissolved Oxygen	1D Conc	6.0	3.9	9/21/2010
October 2010	001	Total Suspended Solids	30D Conc	12	180.	10/1/2010
October 2010	001	Total Suspended Solids	30D Qty	.09	.34746	10/1/2010
October 2010	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	26.3	10/1/2010
October 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.007	.05077	10/1/2010
October 2010	001	Fecal Coliform	30D Conc	1000	1510.	10/1/2010
October 2010	001	CBOD 5 day	30D Conc	10	39.	10/1/2010
October 2010	001	CBOD 5 day	30D Qty	.075	.07528	10/1/2010
October 2010	001	Total Suspended Solids	1D Conc	18	180.	10/12/2010
October 2010	001	Total Suspended Solids	1D Qty	0.136	.34746	10/12/2010
October 2010	001	Nitrogen, Ammonia (NH3	1D Conc	1.5	26.3	10/12/2010
October 2010	001	Nitrogen, Ammonia (NH3	1D Qty	.011	.05077	10/12/2010
October 2010	001	CBOD 5 day	1D Conc	15	39.	10/12/2010
October 2010	001	Dissolved Oxygen	1D Conc	6.0	4.2	10/12/2010
November 2010	001	Total Suspended Solids	30D Conc	12	90.	11/1/2010
November 2010	001	Total Suspended Solids	30D Qty	.09	.17373	11/1/2010
November 2010	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	12.	11/1/2010
November 2010	001	Nitrogen, Ammonia (NH3	30D Qty	.022	.02316	11/1/2010
November 2010	001	Total Suspended Solids	1D Conc	18	90.	11/24/2010
November 2010	001	Total Suspended Solids	1D Qty	0.136	.17373	11/24/2010
November 2010	001	Nitrogen, Ammonia (NH3	1D Conc	4.5	12.	11/24/2010
November 2010	001	Dissolved Oxygen	1D Conc	6.0	5.3	11/24/2010
January 2011	001	Total Suspended Solids	30D Conc	12	31.	1/1/2011
January 2011	001	CBOD 5 day	30D Conc	10	17.	1/1/2011
January 2011	001	Total Suspended Solids	1D Conc	18	31.	1/4/2011
January 2011	001	CBOD 5 day	1D Conc	15	17.	1/4/2011
April 2011	001	Total Suspended Solids	30D Conc	12	15.	4/1/2011
April 2011	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	31.4	4/1/2011
April 2011	001	Nitrogen, Ammonia (NH3	30D Qty	.022	.05824	4/1/2011
April 2011	001	Nitrogen, Ammonia (NH3	1D Conc	4.5	31.4	4/19/2011
April 2011	001	Nitrogen, Ammonia (NH3	1D Qty	.034	.05824	4/19/2011
May 2011	001	Total Suspended Solids	30D Conc	12	101.	5/1/2011

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Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2011	001	Total Suspended Solids	30D Qty	.09	.25422	5/1/2011
May 2011	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.8	5/1/2011
May 2011	001	Nitrogen, Ammonia (NH3)	30D Qty	.007	.00956	5/1/2011
May 2011	001	Fecal Coliform	30D Conc	1000	1660.	5/1/2011
May 2011	001	Total Suspended Solids	1D Conc	18	101.	5/18/2011
May 2011	001	Total Suspended Solids	1D Qty	0.136	.25422	5/18/2011
May 2011	001	Nitrogen, Ammonia (NH3)	1D Conc	1.5	3.8	5/18/2011

To avoid further enforcement action by this office, it is our recommendation that you begin working on submitting a Permit to Install (PTI) to our office for wastewater plant upgrades. Please respond within 10 days of receipt of this letter with a workplan which addresses the wastewater treatment plant upgrades. The workplan must include a timeframe to get the PTI.

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

Respectfully,



Todd Surrena  
Engineering Geologist  
Division of Surface Water

TMS/mt

pc: Wayne County Health Dept.

File: Semi-Public/Wayne/ChippewaTwp./Chippewa Golf Club

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