



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Richland County
Village of Plymouth WWTP
NPDES Permit
Notice of Violation

September 12, 2008

The Honorable Keith A. Hebble
Mayor of the Village of Plymouth
48 West Broadway
Plymouth, Ohio 44865

Dear Mr. Hebble:

On September 4, 2008, an inspection was made of the Village of Plymouth wastewater treatment plant (WWTP). Mr. Wayne Baker was present for a tour of the lagoons. A visual inspection was made of the effluent structure and discharge at the river. The effluent had a green color that could be noticed in the river for several yards downstream. No effluent samples were collected during the inspection.

A review of the discharge monitoring reports submitted to our office for September 2007, through July 2008, revealed **chronic violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. A printout of these violations has been enclosed for your review. Our office remains extremely concerned with the number of violations occurring at the treatment lagoons. Your NPDES permit also contains a compliance schedule to construct upgrades at the WWTP. The Village remains in **violation** of several of the milestone completion dates contained in the permit.

During the inspection we toured the main sewage pumping station located on S.R. 61. We observed the flap gate installed on the overflow line from the pump station. Mr. Baker indicated that the flow meter was no longer operational and that all flows reported to our office for the past several months were estimates. We are extremely disappointed that the flow meter has yet to be repaired and calibrated. The flow meter should be returned to service as soon as possible.

On December 11, 2007, we sent a letter to you summarizing a meeting held in our office on December 3, 2007, regarding the required WWTP upgrades. A number of action items were assigned to the Village at the meeting. The Village was to submit a general plan for wastewater treatment plant upgrades no later than January 15, 2008. The Village was also to submit a complete Permit to Install (PTI) application for plant upgrades no later than July 1, 2008. Construction for the upgrades should begin before the NPDES permit expires on January 1, 2010.

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The Village should eliminate the two overflows on Broadway and Beelman, install a check valve on the main pump station overflow, permanently eliminate the connections in the diversion manholes, and begin removing downspouts and sump pumps from the sanitary sewer system. In addition, the Village flow meter should have been calibrated.

Our office has reviewed and accepted a general plan that was received on January 14, 2008. However, we have not received the required PTI application that was to have been submitted by July 1, 2008. Please provide our office with a **written update within 14 days** of receipt of this letter on the status of the PTI application. Please include an update on the other action items listed above as well.

Our office has now granted two extensions of the milestone completion dates in the NPDES permit without taking enforcement action against the Village. We are concerned with the lack of communication between the Village and our office on the progress of the PTI submittal and the Inflow and Infiltration removal from the sewer system. If no information is received we can only assume that no progress is being made. In order to avoid enforcement actions, improved communication from the Village to our office is needed. If you have any questions please call me at 419-373-3070.

Sincerely,



Walter Ariss
Environmental Specialist II
Division of Surface Water

/lir

Enclosure

pc: (DSW-NWDO File)
Bill Sexton, Administrator, Village of Plymouth
Mike Atherine, P.E., Poggemeyer Design Group
Valentine Mbah, DEFA-CO

NPDES permit limit violations

Village of Plymouth September 2007 through July 2008

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2007	001	80082	CBOD 5 day	30D Conc	25	61.5	9/1/2007
September 2007	001	80082	CBOD 5 day	7D Conc	40	54.5	9/1/2007
September 2007	001	80082	CBOD 5 day	30D Qty	22	49.5437	9/1/2007
September 2007	001	80082	CBOD 5 day	7D Qty	35	42.1932	9/1/2007
September 2007	001	80082	CBOD 5 day	7D Conc	40	66.	9/8/2007
September 2007	001	80082	CBOD 5 day	7D Qty	35	54.4207	9/8/2007
September 2007	001	80082	CBOD 5 day	7D Conc	40	59.	9/15/2007
September 2007	001	80082	CBOD 5 day	7D Qty	35	40.5411	9/15/2007
September 2007	001	80082	CBOD 5 day	7D Conc	40	66.5	9/22/2007
September 2007	001	80082	CBOD 5 day	7D Qty	35	61.0198	9/22/2007
December 2007	001	80082	CBOD 5 day	30D Qty	22	28.3404	12/1/2007
December 2007	001	80082	CBOD 5 day	7D Qty	35	35.2171	12/8/2007
March 2008	001	80082	CBOD 5 day	30D Qty	22	30.7245	3/1/2008
March 2008	001	80082	CBOD 5 day	7D Qty	35	38.0290	3/1/2008
April 2008	001	80082	CBOD 5 day	30D Qty	22	28.1455	4/1/2008
April 2008	001	80082	CBOD 5 day	7D Qty	35	35.0555	4/15/2008
May 2008	001	00530	Total Suspended Solids	30D Qty	58	66.3531	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.81	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.64	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.89	4.71312	5/1/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.33	5.04253	5/1/2008
May 2008	001	80082	CBOD 5 day	30D Qty	22	27.4857	5/1/2008
May 2008	001	00530	Total Suspended Solids	7D Qty	80	97.9198	5/8/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.98	5/15/2008
May 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.33	4.38371	5/15/2008
June 2008	001	00530	Total Suspended Solids	30D Conc	65	76.75	6/1/2008
June 2008	001	00530	Total Suspended Solids	30D Qty	58	101.094	6/1/2008
June 2008	001	00530	Total Suspended Solids	7D Qty	80	97.9879	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.41	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.98	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.89	2.61074	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.33	4.06736	6/1/2008
June 2008	001	80082	CBOD 5 day	30D Conc	25	27.4625	6/1/2008
June 2008	001	80082	CBOD 5 day	30D Qty	22	35.9326	6/1/2008
June 2008	001	80082	CBOD 5 day	7D Qty	35	40.6838	6/1/2008
June 2008	001	00530	Total Suspended Solids	7D Conc	90	119.5	6/8/2008
June 2008	001	00530	Total Suspended Solids	7D Qty	80	164.187	6/8/2008
June 2008	001	80082	CBOD 5 day	7D Qty	35	38.6768	6/8/2008
June 2008	001	00530	Total Suspended Solids	7D Qty	80	81.7503	6/15/2008
July 2008	001	00530	Total Suspended Solids	30D Conc	65	69.7	7/1/2008
July 2008	001	00530	Total Suspended Solids	30D Qty	58	58.1720	7/1/2008