



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

May 23, 2012

RE: CUYAHOGA COUNTY
VILLAGE OF GATES MILLS WWTP
NPDES PERMIT NO. OH0128643
OHIO EPA PERMIT NO. 3PA00035

Suzanne Britt
Lateral Services Supervisor
Cuyahoga County Department of Public Works
6100 W. Canal
Vally View, Ohio 44125

Dear Ms. Britt:

This letter is a follow-up to our meeting and inspection of the referenced sanitary wastewater treatment plant on April 30, 2012. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit.

The treatment system components consist of an influent force main, flow equalization basin, 15,000 gpd extended aeration activated sludge treatment process, final settling tank, fixed media clarifier, slow surface sand filtration and chlorination/dechlorination. The final effluent discharges to the Chagrin River.





At the time of inspection, the following observations, findings and/or comments were noted:

- The general operation and maintenance of the treatment facility appeared to be satisfactory.
- The final effluent being discharged to the receiving stream appeared to be of satisfactory visual quality.

A review of the facility's discharge monitoring reports (DMRs) received by Ohio EPA for the period, January 2011– April 2012, indicate violations of the terms and conditions of the NPDES permit. The specific instances of noncompliance are as follows:

Report Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
Jun 2011	001	CBOD 5 day	30D Qty	0.57	13038.2	6/1/2011
Sep 2011	001	CBOD 5 day	7D Conc	15	24.8	9/1/2011
Jun 2011	001	CBOD 5 day	7D Qty	0.85	29777.3	6/8/2011
Jun 2011	001	CBOD 5 day	7D Qty	0.85	35413.9	6/22/2011
Apr 2012	001	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.644	4/1/2012
Jun 2011	001	Nitrogen, Ammonia (NH3	30D Qty	0.060	707.271	6/1/2011
Apr 2012	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.467	4/15/2012
Apr 2012	001	Nitrogen, Ammonia (NH3	7D Conc	4.5	4.821	4/22/2012
Jun 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.090	560.846	6/1/2011
Jun 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.090	419.589	6/8/2011
Jun 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.090	499.165	6/15/2011
Jun 2011	001	Nitrogen, Ammonia (NH3	7D Qty	0.090	1185.59	6/22/2011
Apr 2012	001	Total Suspended Solids	30D Conc	12	13.6666	4/1/2012
Jun 2011	001	Total Suspended Solids	30D Qty	0.68	39957.7	6/1/2011
Apr 2012	001	Total Suspended Solids	7D Conc	15	31.	4/15/2012
Jun 2011	001	Total Suspended Solids	7D Qty	0.85	18027.1	6/1/2011
Jun 2011	001	Total Suspended Solids	7D Qty	0.85	25716.8	6/8/2011
Jun 2011	001	Total Suspended Solids	7D Qty	0.85	44211.8	6/15/2011
Jun 2011	001	Total Suspended Solids	7D Qty	0.85	76986.9	6/22/2011

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In addition to the above, the review noted the following:

- The June 2011 **Flow Rate** (Reporting Code 50050) data (see below) appears to have been incorrectly reported. Please review the data and resubmit the corrected DMR as soon as practicable.

Please be advised that failure to comply with the terms and conditions of your NPDES permit may be subject to enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Such actions can result in fines of up to \$10,000 per day of violation. Please inform this office, in writing, within 10 days of receipt of this notification as to the actions taken or proposed to address the above violation and/or deficiencies. Your response *shall* include specific dates for completion of the actions. Please be advised that past or present issues of noncompliance can continue as subjects of future enforcement actions by Ohio EPA.

Should you have any questions or comments regarding this letter, please contact me at (330) 963-1196.

Respectfully,



Ermelindo Gomes
Environmental Engineer
Division of Surface Water

EG/cs

cc: Chris Courtney, Village Engineer

Enclosure: ORC Form

File: Public/PC/Gates Mills WWTP

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Station	Reporting Code	Parameter	Units	Date	Reported Value
1	50050	Flow Rate	MGD	6/1/2011	5292
1	50050	Flow Rate	MGD	6/2/2011	4032
1	50050	Flow Rate	MGD	6/3/2011	3448
1	50050	Flow Rate	MGD	6/4/2011	3448
1	50050	Flow Rate	MGD	6/5/2011	3448
1	50050	Flow Rate	MGD	6/6/2011	4944
1	50050	Flow Rate	MGD	6/7/2011	3996
1	50050	Flow Rate	MGD	6/8/2011	3576
1	50050	Flow Rate	MGD	6/9/2011	3384
1	50050	Flow Rate	MGD	6/10/2011	3264
1	50050	Flow Rate	MGD	6/11/2011	3264
1	50050	Flow Rate	MGD	6/12/2011	3264
1	50050	Flow Rate	MGD	6/13/2011	4260
1	50050	Flow Rate	MGD	6/14/2011	3216
1	50050	Flow Rate	MGD	6/15/2011	3768
1	50050	Flow Rate	MGD	6/16/2011	2700
1	50050	Flow Rate	MGD	6/17/2011	2928
1	50050	Flow Rate	MGD	6/18/2011	2928
1	50050	Flow Rate	MGD	6/19/2011	2928
1	50050	Flow Rate	MGD	6/20/2011	2928
1	50050	Flow Rate	MGD	6/21/2011	4200
1	50050	Flow Rate	MGD	6/22/2011	4068
1	50050	Flow Rate	MGD	6/23/2011	4548
1	50050	Flow Rate	MGD	6/24/2011	3176
1	50050	Flow Rate	MGD	6/25/2011	3176
1	50050	Flow Rate	MGD	6/26/2011	3176
1	50050	Flow Rate	MGD	6/27/2011	3252
1	50050	Flow Rate	MGD	6/28/2011	2376
1	50050	Flow Rate	MGD	6/29/2011	3288
1	50050	Flow Rate	MGD	6/30/2011	2796