



State of Ohio Environmental Protection Agency

Northwest District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Huron County
Village of Monroeville WWTP
NPDES Permit

July 3, 2007

Mr. Josh Eggleston, Village Administrator
Village of Monroeville
2 S. Main St.
P.O. Box 156
Monroeville, OH 44847

Dear Mr. Eggleston:

On May 9, 2007, Dan Gill and Andrew Gall conducted an inspection at the Village of Monroeville Wastewater Treatment Plant. Mr. Wes Brewer and Mr. Brett Gfell were present and provided operation and maintenance information regarding the wastewater treatment plant. The Village of Monroeville currently has an Ohio National Pollutant Discharge Elimination System (NPDES) (number 2PB00004) permit. The inspection included a tour of the plant and completion of the enclosed compliance inspection form. Our comments and recommendations are as follows:

1. During our visit, all treatment units were online and appeared to be operating correctly. It was indicated that the flow monitoring devices are calibrated yearly, however the calibration sticker on the flow monitor was dated 8/11/2003. Please make sure that the date of the most recent calibration is on the calibration sticker. The final effluent being discharged to the West Branch of the Huron River was visually clear. No samples were taken to verify compliance with permit limits.
2. There have been no major upgrades to the plant since our last inspection. It was indicated the Village is considering the purchase of a stand by generator to provide back up power at the plant.
3. The Village has been conducting a Wet Weather Stress Test in order to request an increase of the design average daily flow (ADF) rating of the WWTP, which is currently rated at 0.2 MGD. An additional copy of our November 21, 2006 comment letter regarding the study has been enclosed. A brief review of the testing data provided during the inspection indicates that the WWTP hydraulic design flow is consistently exceeded during wet weather.

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We recommend that the Village work with their consulting engineer to summarize and interpret the collected data. The summary should indicate the hydraulic flow rate and organic loading rate where the treatment processes fail and the NPDES permit limits that will be exceeded. In addition, please verify that each treatment unit can meet the requirements outlined in the guidance document *Recommended Standards for Wastewater Facilities* which is also referred to as "Ten States Standards". The Village will need to consider upgrading the plant in order to increase its ADF rating if the requirements outlined in *Ten States Standards* and NPDES permit limits are unable to be met when the plant flow rate exceeds 0.2 MGD.

4. The Village continues to identify and remove clean water connections through smoke/dye testing and basement inspections as part of its Inflow and Infiltration(I/I) removal program. To date, approximately 400,000 gallons of clean water has been removed from the system. The improved monitoring requirements that were implemented as part of the approved CSO Operation and Maintenance Plan indicates that there have been approximately 63 overflow events since 2002. Since the number of overflow events is more frequent than previously thought, it will be necessary for the Village to develop a CSO Long Term Control Plan to either eliminate the CSO or reduce the number of overflow events to four or less per year. The schedule of compliance included in the renewal permit will require that the CSO Long Term Control Plan be developed and submitted to our agency for approval within 24 months of the permit's effective date.

Overall, Mr. Brewer and his staff continue to satisfactorily operate and maintain the wastewater treatment plant. Monthly operating reports are being received as required and indicate only a few minor violations since our last inspection. A copy of these violations is enclosed for your review. In the near future you will be receiving a "draft" copy of the NPDES renewal permit. Please review it carefully, as you will have a 30 day comment period to respond to any permit conditions.

If you have any questions, please feel free to contact Mr. Andrew Gall at (419) 373-3003 or via email at andrew.gall@epa.state.oh.us

Yours truly,



Elizabeth A. Wick, P.E.
District Engineer
Division of Surface Water
/csl

Enclosures

pc: Mr. Wes Brewer, WWTP Superintendent, w/enc.
Dan Gill, CO-DSW w/enc.
cDSW, NWDO file

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PB00004*GD	January 2007	001	00530	Total Suspended Solids	30D Qty	22.8	25.5004	1/1/2007
2PB00004*GD	January 2007	001	00530	Total Suspended Solids	7D Qty	34.1	44.3280	1/15/2007
2PB00004*GD	March 2007	001	80082	CBOD 5 day	30D Qty	18.9	20.2193	3/1/2007
2PB00004*GD	March 2007	001	00530	Total Suspended Solids	7D Qty	34.1	36.5180	3/15/2007