



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

April 13, 2009

RE: VILLAGE OF KILLBUCK WWTP
NPDES 3PB00067*ED
2009 CEI

Mayor and Council
Village of Killbuck
P.O. Box 424
Killbuck, OH 44637-0424

Dear Mayor and Council:

On March 31, 2009, this writer conducted a compliance evaluation inspection (CEI) of the Village of Killbuck Wastewater Treatment Plant (WWTP). Also present during the inspection were Chris Moody, of this office, Ken Dunham, Superintendent, and Mike Judson, Operator, Killbuck WWTP.

At the time of the inspection, the treatment system appeared to be operating satisfactorily. The mixed liquor in the aeration tanks has a very good color. Some pin floc was noted in the final clarifiers. The flow equalization tank was empty. The final effluent flow meter was last calibrated during January 2009. A new final effluent composite sampler was added on March 18, 2009.

Flows to the wastewater treatment plant have been significantly reduced since the collection system improvements have been completed. The average daily flows have been reduced from 900,000 gallons per day to less than 350,000 gallons per day. It is apparent that the collection system improvements have been successful.

Since the wastewater flows have subsided, the treatment system is operating more effectively and sludge production has increased. Current facilities allow for ninety days of sludge storage. Mr. Dunham would like to add a concrete sludge storage pad at the site. The installation of a sludge storage pad would first require the Village to obtain a Permit to Install (PTI) from Ohio EPA.

Four sets of detail plans of the storage pad must be prepared and stamped by a Professional Engineer and submitted to this office accompanied by a PTI application. Application forms can be found at the following link:

<http://www.epa.state.oh.us/dsw/pti/PTIForms.html>

In accordance with the Ohio Revised Code Section 6111.44 you must receive formal approval from the Director's Office of Ohio EPA prior to construction of any wastewater treatment system improvements.

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A review of your discharge monitoring reports covering the period March 2008 through February 2009 revealed the following effluent violations:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2008	001	Total Suspended Solids	30D Conc	30	30.125	3/1/2008
March 2008	001	Total Suspended Solids	7D Conc	45	52.5	3/1/2008
March 2008	001	Total Suspended Solids	30D Qty	46.7	102.050	3/1/2008
March 2008	001	Total Suspended Solids	7D Qty	70	177.847	3/1/2008
March 2008	001	Total Suspended Solids	7D Conc	45	45.5	3/15/2008
March 2008	001	Total Suspended Solids	7D Qty	70	154.134	3/15/2008
April 2008	001	Total Suspended Solids	30D Qty	46.7	48.6963	4/1/2008
April 2008	001	Total Suspended Solids	7D Qty	70	72.8328	4/8/2008
June 2008	001	Total Suspended Solids	30D Qty	46.7	58.1499	6/1/2008
June 2008	001	Total Suspended Solids	7D Qty	70	91.9092	6/22/2008

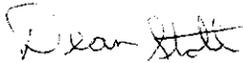
During the inspection it was discovered that the Village is incorrectly reporting mercury on the monthly operating reports. Your NPDES permit requires that reporting code 50092 (Mercury, Total (low level) – ng/l) is to be used to report the results of low level mercury analyses. The Village has been using reporting code 71900, which is the code used to report mercury in ug/l (micrograms per liter). Discrepancies such as these can be avoided by utilizing our Electronic Discharge Monitoring Report Submission System (e-DMR's). Information regarding this system is available at the following link:

<http://www.epa.state.oh.us/dsw/edmr/eDMR.html>

We strongly recommend that you begin using the eDMR system for NPDES permit reporting.

Should you have any questions or comments regarding this letter, please feel free to contact this office at (330) 963-1197.

Sincerely,



Dean W. Stoll, P.E.
Environmental Engineer
Division of Surface Water

DWS/mt

cc: Ken Dunham, Village of Killbuck

File: Public/Permit Compliance