



State of Ohio Environmental Protection Agency

Northeast District Office

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

August 21, 2009

RE: BEACH CITY WWTP
NPDES #3PB00036
2009 CEI

Mayor and Council
Village of Beach City
P.O. Box 695
Beach City, OH 44608

Dear Mayor and Council:

On August 20, 2009, this office conducted a compliance evaluation inspection (CEI) of the Beach City Wastewater Treatment Plant (WWTP). Present during the inspection were this writer and Lonnie Chewing, Superintendent, Beach City WWTP.

At the time of the inspection, the treatment system was producing what appeared to be an exceptional quality effluent. Both oxidation ditches were operational. The mixed liquor in the oxidation ditches had a very good color. The clarifiers were producing a clear effluent.

One rapid sand filter was on-line and the treatment system was discharging a clear effluent. The ultra-violet disinfection system was operational.

Process return flows including sludge pressate, digester decants and filter back wash are mixed with raw influent at the point where the raw influent sample is collected. The influent sampling point must be located prior to any process return flows.

One treatment system bypass occurred in July 2009. Due to a loss in settleability caused by over wasting, the sand filter became plugged with solids and was continually back washing. This triggered raw influent to be diverted to the flow equalization tanks which eventually overflowed, discharging untreated wastewater to Sugar Creek.

In April 2009 an overflow occurred at a lift station due to a blockage caused by excessive grease.

Mr. Chewing expressed a desire to add grit removal to the treatment system. The influent pump station lines become clogged with grit due to the piping configuration.

The effluent flow meter was calibrated in July 2009. Pressed sludge is being disposed of at the Kimble Landfill. Calcium nitrate is being fed at a rate of five gallons per day at the Wilmot lift station to reduce odors. A contract laboratory is being used to conduct chemical analyses for metals, oil & grease, phosphorus and nitrate and nitrite.

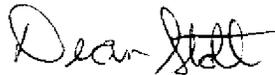
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A review of your discharge monitoring reports (DMRs) covering the period May 2008 through June 2009 revealed the following effluent violation:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2009	001	Phosphorus, Total (P)	7D Conc	1.5	1.79	6/15/2009

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

Sincerely,



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

DWS/mt

pc: Lonnie Chewning, Village of Beach City

File: Public/Permit Compliance