



State of Ohio Environmental Protection Agency

Northeast District Office

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

September 14, 2007

RE: MEDINA COUNTY
GRANGER TOWNSHIP
GRANGER LAKE CONDOMINIUMS
(200 GRANGER RD.)
(NPDES PERMIT NO. 3PW00014)

Mr. Don Martinson
Granger Lake Condos #1 Assoc., Inc.
200 Granger Rd.
Medina, OH 44256

Dear Mr. Martinson:

On September 6, 2007, a compliance inspection was conducted by this writer on the wastewater treatment plant (WWTP) serving the Granger Lake Condominiums #1, located at 200 Granger Road in Granger Township, Medina County. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, prior to renewal of the National Pollutant Discharge Elimination System (NPDES) permit to discharge.

At the time of the inspection, the following observations were made:

1. The trash trap appeared to have a thick mat of solids floating on the surface, and was in need of pumping.
2. The flow equalization tank was in use and was operating properly.
3. The contents of the aeration tanks were being aerated, and the contents were a medium brown in color. The return sludge and skimmer lines were operational, and were brown and clear, respectively.
4. The settling tank contents were typical, but there was a buildup of solids behind the influent baffles of the settling tanks, which needs to be removed.
5. The pump station pumps were set to automatic mode, and were operating properly.
6. The surface sand filters were divided into 4 cells. The northeast and southeast cells were ponded with water and algae, while the northwest and southwest cells were dry, but contained vegetative growth.
7. The effluent was being disinfected with an Ultra Violet (UV) disinfection system. The UV system consists of two banks of lights, with two bulbs in each bank.
8. The aerated sludge holding tank was approximately 2/3 full, and the contents were brown in color. Solids content was typical for an aerated sludge.
9. The effluent from the WWTP appeared clear, and contained no visible solids or foam.

A review of the operating data for the wastewater treatment plant (as reported to Ohio EPA in SWIMS) was conducted prior to the inspection. The Monthly Operating Report (MOR) data covered the period of July 1, 2005, through September 1, 2007. The SWIMS program reported the following numeric effluent violation of the Granger Lake Condominiums #1 NPDES permit to discharge:

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**GRANGER LAKES CONDOMINIUMS
 NPDES PERMIT NO. 3PW00014
 NUMERIC EFFLUENT VIOLATIONS
 (JUL. 1, 2005 THRU SEPT. 1, 2007)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2006	Total Suspended Solids	30D Conc	12	13.	8/1/2006
August 2006	Total Suspended Solids	7D Conc	18	25.	8/22/2006
September 2006	Total Suspended Solids	30D Conc	12	17.5	9/1/2006
September 2006	Total Suspended Solids	7D Conc	18	25.	9/1/2006
September 2006	Total Suspended Solids	7D Conc	18	25.	9/22/2006
September 2006	Total Suspended Solids	7D Qty	4.09	4.35275	9/22/2006
July 2006	Total Suspended Solids	30D Conc	12	21.25	7/1/2006
July 2006	Total Suspended Solids	7D Conc	18	25.	7/1/2006
July 2006	Total Suspended Solids	7D Conc	18	25.	7/8/2006
July 2006	Total Suspended Solids	7D Conc	18	25.	7/15/2006
July 2006	Total Suspended Solids	30D Qty	2.72	3.66199	7/1/2006
July 2006	Total Suspended Solids	7D Qty	4.09	4.25813	7/1/2006
July 2006	Total Suspended Solids	7D Qty	4.09	4.9205	7/8/2006
July 2007	CBOD 5 day	7D Conc	15	20.	7/22/2007

Please note that your NPDES permit renewal application has been received by this office, and the renewal permit is in the process of being drafted. The renewed permit will be public noticed for a period of 30 days, during which any comments on the permit may be forwarded to this office for consideration.

Operation and Maintenance practices on the sand filters need to be improved. Operation and Maintenance on the remainder of the WWTP should continue to be implemented, which will enable the WWTP to continuously meet its NPDES pPermit effluent limits.

If there are questions or comments regarding the contents of this letter, please contact this office.

Respectfully,



Charles E. Allen
 Environmental Engineer
 Division of Surface Water

CEA/mt

File: SP/Medina/GrangerTwp/GrangerLakeCondos#1