



State of Ohio Environmental Protection Agency

Northeast District Office

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

June 18, 2009

RE: MEDINA COUNTY
GRANGER TWP.
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 May 28, 2009, 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 visit was to evaluate the Operation and Maintenance of the WWTP, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit effluent limits. The previous CEI was conducted on September 6, 2007.

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 being utilized, and was operating satisfactorily.
3. Both the north and south aeration tanks were being well aerated. Contents of the north aeration tank were a dark, greasy brown color, with no foam or odor present. Contents of the south aeration tank were also dark brown in color. The return sludge lines in both aeration plants were operational and returning brown activated sludge.
4. The north and south settling tank contents were typical. However, there was a solids buildup behind the influent baffles of both of the settling tanks, which needs to be removed. The effluent troughs in both settling tanks were clean and free of solids or algae. The skimmers in both settling tanks were operating, but the skimmer in the south settling tank was adjusted too high, and in need of being lowered to approximately ¼ inch below the water surface.
5. The pump station pumps were set to automatic mode, and were operating properly.

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6. The surface sand filters are comprised of 4 cells. The northwest cell was ponded with water and duckweed, while the remaining 3 cells were dry, but contained vegetative growth.
7. The effluent was being disinfected with an Ultra Violet (UV) disinfection system, consisting of two banks of lights, with two bulbs in each bank.
8. The aerated sludge holding tank contents were brown in color, and solids content was typical.
9. 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 electronic Discharge Monitoring Report (eDMR) data covered the period of September 1, 2007, through June 1, 2009. The SWIMS program reported the following numeric effluent violation of the Granger Lake Condominiums #1 NPDES permit to discharge:

**GRANGER LAKES CONDOMINIUMS
 NPDES PERMIT NO. 3PW00014
 NUMERIC EFFLUENT VIOLATIONS
 (Sept. 1, 2007 to June. 1, 2009)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2008	CBOD 5 day	7D Conc	15	20.	9/8/2008

A review of the eDMRs for the same period also found the following reporting frequency violations for Granger Lakes Condominiums:

**GRANGER LAKES CONDOMINIUMS
 NPDES PERMIT NO. 3PW00014
 REPORTING FREQUENCY VIOLATIONS
 (Sept. 1, 2007 to June. 1, 2009)**

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
May 2008	001	31616	Fecal Coliform	1/Month	1	0	05/01/2008
October 2008	001	00530	Total Suspended Solids	1/Week	1	0	10/15/2008
October 2008	001	80082	CBOD 5 day	1/Week	1	0	10/15/2008

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Operation and Maintenance practices on the sand filters remains a problem which needs 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 Permit effluent limits.

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

Respectfully,

A handwritten signature in cursive script that reads "Charles E. Allen".

Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/mt

File: SP/Medina/GrangerTwp/GrangerLakeCondos#1