



Environmental
Protection Agency

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

October 27, 2011

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

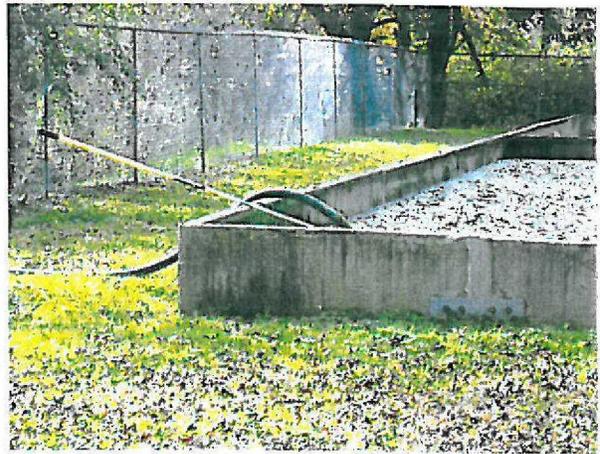
Dear Mr. Martinson:

On October 13, 2011, a compliance inspection was conducted by this writer on the wastewater treatment plant (WWTP) serving the Granger Lake Condominiums #1. The facility is 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 June 29, 2010.

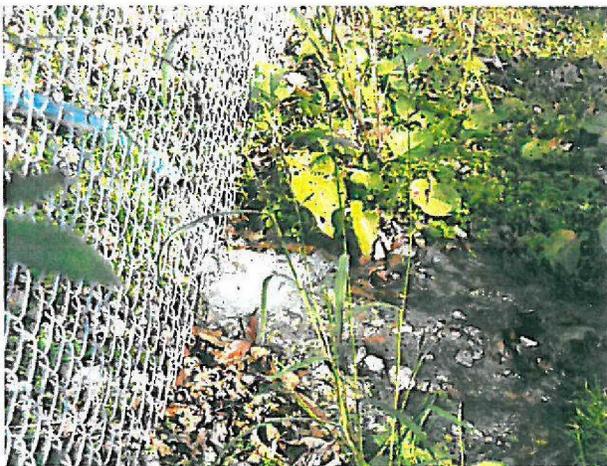
At the time of the October 13th inspection, the following observations were made:

1. Trash trap contents were typical.
2. The flow equalization tank was being utilized, and was operating satisfactorily.
3. Contents of the north and south aeration tanks were medium brown color and well aerated. Return sludge lines from the settling tanks to the aeration tanks were operational, and returning brown activated sludge.
4. There was a solids buildup behind the influent baffles of both of the settling tanks, which needs to be removed. The skimmers in both settling tanks were operating, but they were in need of proper adjustment, as there was a layer of floating scum on the surface of the tank contents. The floating scum layer was also infested with what appeared to be mosquito larvae.
5. The pump station pumps were set to automatic mode, and were operating properly.

6. The surface sand filters are comprised of four (4) cells. The southeast cell was ponded with water and duckweed, while the remaining three (3) cells were dry, but contained vegetative growth.



7. A green hose was observed in the ponded filter cell. The hose was being used to empty the contents of the flooded filter by allowing the water to drain out, and over the embankment outside of the fence. This is the second inspection in which an intentional bypass of the surface sand filters was observed.



Please note that intentional bypassing of the surface sand filter is a violation of the terms and conditions of the Association's NPDES permit to discharge. This action can be cause for initiation of enforcement action against the Association.

It is strongly recommended that this practice cease immediately, and not be allowed to continue in the future. If this condition is found in future inspections, enforcement will be initiated.

8. Water to the sand filter cells is distributed, after pumping, by a flow splitter box located in the central portion of the sand filter. At the time of the inspection, the distribution pipes to three (3) of the filter cells were disconnected and laying on the sand in the cells. Had the pipes been properly connected, the other cells could have been used, thus preventing the need to bypass the one cell in use.



9. The effluent is being disinfected with an Ultra Violet (UV) disinfection system, consisting of two banks of lights, with two bulbs in each bank.
10. The aerated sludge holding tank contents were brown in color, and the tank was approximately ¾ full.
11. Effluent from the WWTP was visually clear and free of solids.

A review of the electronic Discharge Monitoring Report (eDMR) data submitted for the wastewater treatment plant was conducted prior to the inspection. The data covered the period June 1, 2010, through October 1, 2011. 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
(Jun. 1, 2010 to Oct. 1, 2011)

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2010	Fecal Coliform	30D Conc	1000	11500.	6/1/2010
June 2010	Fecal Coliform	7D Conc	2000	11500.	6/22/2010
April 2011	Total Suspended Solids	30D Conc	12	12.5	4/1/2011
June 2011	Fecal Coliform	30D Conc	1000	1000.	6/1/2011

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Note: A review of the eDMRs for the same period found no monitoring frequency or reporting code violations for Granger Lakes Condominiums.

Operation and Maintenance practices on the sand filters remains a problem which needs to be corrected. Please inform this office in writing, within 14 days of the receipt of this letter, as to what steps will be taken to correct these recurring problems.

Improved Operation and Maintenance on the remainder of the WWTP should also 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,



Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/cs

File: SP/Medina/GrangerTwp/GrangerLakeCondos#1