Ohio EPA
40 years and moving forward

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

August 29, 2013

RE: MEDINA COUNTY
GRANGER TOWNSHIP
GRANGER UNITED METHODIST CHURCH
(PERMIT NO. 3PR00594)

Mr. Steve Hummel
Trustees Chairperson
Granger United Methodist Church
1235 Granger Road
Medina, OH 44256

Dear Mr. Hummel:

On August 8, 2013, this writer conducted a compliance evaluation inspection (CEI) on the wastewater treatment plant (WWTP) serving the Granger United Methodist Church. The Granger United Methodist Church is located at 1235 Granger Road, Granger Township, Medina County.

The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and its compliance with the terms and conditions of the recently effective NPDES Permit to discharge (Permit # 3PR00594*AD).

At the time of the August 8th inspection, the following observations were made:

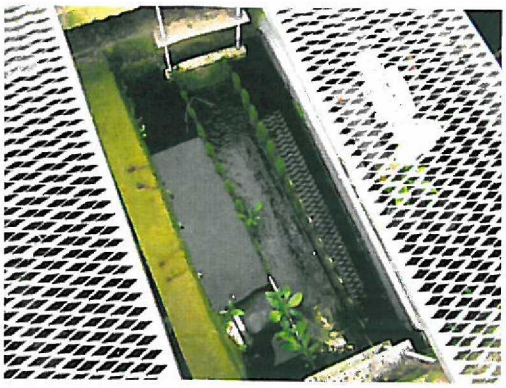
1) Contents of the trash trap were acceptable, and not in need of being pumped.

2) The flow equalization tank contents were well aerated, and were watery gray in color. Both flow equalization tank pumps were found in the 'AUTO' mode, and when manually tested were operational. The high water level alarm was also manually tested and found to be operational.

3) The extended aeration tank contents were watery medium brown in color and were well aerated. The return sludge line was operating, returning an almost colorless water from the settling tank to the aeration tank.

4) One blower/motor provides air to the flow equalization tank, and two blower/motors provide air to the extended aeration tank. At the time of the inspection, one of the aeration tank blower/motors, and the flow equalization tank blower/motor, were in operation. The high air pressure relief valves for all 3 blower/motors were operational.

5) Contents of the settling tank were clear down to a depth of approximately 6", but did contain some floating scum and duckweed on the water surface. The settling tank effluent trough contained a deposition of solids; and there was a mossy



growth on the weirs of the trough and a few plants (see photo).

The effluent trough should be kept clean at all times, and the skimmer operational.

6) One of two sand filter dosing pumps was set in the 'AUTO' mode, and functioned properly when manually tested. The second pump was found in the 'OFF' position, but did operate manually. The high water level alarm functioned when manually tested.

7) The north cell of the surface sand filter was dosed when the pumps were manually tested. Both the north and south filter cells contained a large amount of vegetative growth (see photo).

Vegetation in both of the filter cells needs to be removed, and the sand in both filter cells needs to be raked and kept level.

8) Both the tablet chlorination and tablet dechlorination units are two tube units, and all tubes and caps were present. There were tablets present in the chlorinator unit, but the dechlorination unit contained no dechlorination tablets.

Please be advised that proper disinfection/dechlorination is required May 1st through October 31st, and tablets must be kept in both units during that time period.

9) Treated effluent from the WWTP is discharged to an on-site evaporation pond.

The NPDES permit (3PR00594*AD) for the Granger United Methodist Church went effective July 1, 2013. Beginning August 20, 2013, monthly operating reports/data are to be submitted to the Ohio EPA on a monthly basis.

The NPDES permit also requires the WWTP be operated by a licensed Class A (minimum classification) Wastewater Operator. Within 60 days of the NPDES permit effective date (by September 1, 2013), the Agency is be notified of the designated operator's name and license number, by the submittal of the Operator of Record (ORC) Notification Form (EPA 5121). A search of the ORC data base found no operator of record for the Granger United Methodist Church has been submitted yet. Form EPA 5121 is enclosed for your convenience.

Improved operation and maintenance practices need to be implemented, which will enable the WWTP to continuously meet its NPDES Permit effluent limits. The above operation and maintenance deficiencies (in bold type) need to be corrected in a timely manner.

Please contact this office in writing, within 14 days of the receipt of this letter, with the status of the O&M issues, and the name of the WWTP Certified Operator. A follow-up inspection by this office may be conducted to verify the corrections.

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

cc: Steve Mazak, Medina County Health Dept.

Enclosure