

**Environmental
Protection Agency**

Jim Rhoads, Governor
Jim Burke, Lt. Governor
C. Michael Smith, Director

November 4, 2010

RE: CONNEAUT CHURCH OF GOD
NPDES PERMIT NO. 3PR00396
MONROE TOWNSHIP, ASHTABULA
COMPLIANCE EVALUATION INSPECTION

Mr. Carson Robson, Pastor
Conneaut Church of God
5327 Center Road
Conneaut, Ohio 44030

Dear Pastor Robson:

On October 28, 2010, a site inspection was conducted at the above referenced facility at 5327 Center road (State Route 7), Monroe Township, Ashtabula County. The inspection was conducted by John Schmidt of this office, and yourself and Craig Pierce represented the Conneaut Church of God. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit in conjunction with the renewal of said permit. The last compliance inspection was conducted on January 27, 2010.

The collection system consists of both a gravity system from the church and a force main from the adjacent parsonage. The treatment system consists of a trash trap, extended aeration tanks, clarification, lift station, surface sand filtration, chlorine disinfection, dechlorination, and post disinfection aeration. Sludge management of sludge removal from the aeration system and trash trap when needed to another POTW. The facility discharges to an evaporation pond, which occasionally flows to an unnamed tributary of Conneaut Creek adjacent to the southwest side of the facility. No backup power is provided to the facility, but the facility is provided with alarms.

Observations

Following are observations made during the inspection.

1. The design flow of the extended aeration plant is 2,500 gallons per day. The plant operates on a timer and was not operating at the time of the inspection.
2. The plant is operated by Craig Pierce on behalf of the Conneaut Church of God. Mr. Pierce collects samples, performs laboratory analyses, and electronically submits the data to the electronic discharge monitoring report (eDMR) system.
3. The trash trap and excess sludge from the aeration system is removed annually and hauled to the Painesville WWTP.

4. The overall condition of the treatment plant during this inspection was satisfactory with the plant well kept. The extended aeration plant blowers were cycled and found to be satisfactory.
5. The content of the aeration tank had a good color and mixing when the blowers were turned on. Sludge returns were a medium brown color with minimal foaming. The surface of the clarifier was clear, and the skimmer appeared to be operating as designed. Effluent channels were reasonably clean.
6. The lift station pumps were cycled and found in operable condition.
7. Rapid sand filters were clean and operable. The effluent discharged to the sand filter during the inspection was clear and free of color and turbidity.
8. The chlorination and dechlorination tanks were stocked with chemicals and operating properly. The post-disinfection aeration system was also operating properly.
9. The internal monitoring station 602 that is the discharge from the WWTP to the evaporation pond was found of a satisfactory visual quality.
10. The final outfall 001 was not observed due to a lack of flow. Repairs to the perimeter berm were made during the inspection and found satisfactory.

NPDES Permit Compliance Review

A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period January 1, 2010 through November 1, 2010 indicates the following apparent noncompliance of the terms and conditions of your NPDES permit.

Effluent Limit Violations

The following effluent limit violations were noted.

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	15.	3/1/2010

During the course of the inspection, Mr. Pierce indicated that the exceedence may have been due to collection protocols, with the sample collected as a seep in the pond berm. The berm has since been repaired to ensure that future samples will be collected in a low spot in the berm. No additional information is needed at this time.

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Reporting Violations

No reporting violations were noted.

Compliance Schedule Violations

No compliance schedule violations were noted.

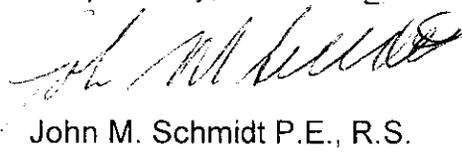
NPDES Permit Renewal Status

Ohio EPA reminds Conneaut that its current NPDES permit will expire on July 31, 2011; therefore its NPDES renewal application is due to Ohio EPA no later than January 31, 2011.

Based upon the inspection findings and the overall compliance record of the facility, the Conneaut Church of God is considered to be in substantial compliance with the terms and conditions of its NPDES permit.

If you have any questions or comments regarding this notification, please feel free to contact me at (330) 963-1175.

Respectively,

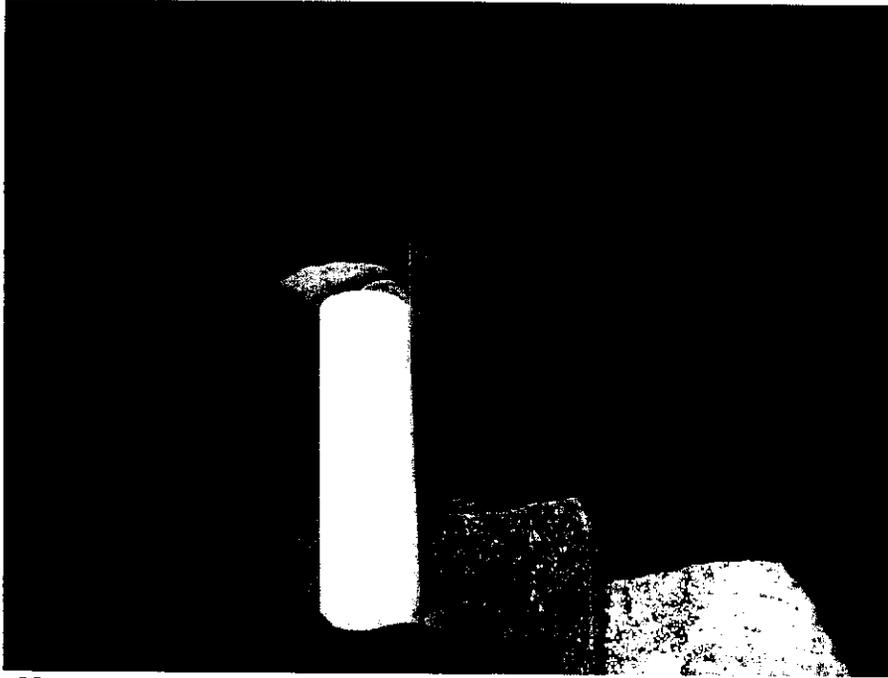


John M. Schmidt P.E., R.S.
Environmental Engineer
Division of Surface Water

JMS/mt

pc: Craig Pierce, c/o Conneaut Church of God

File: SP/Ashtabula/Monroe Twp./Conneaut Church of God



Monitoring Station 602 at Discharge to Evaporation Pond



Evaporation Pond Berm Repair Areas