



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

April 23, 2012

RE: TRUMBULL COUNTY
MECCA TOWNSHIP
TRUMBULL COUNTY MECCA WWTP
NPDES PERMIT NO. OH0091634
OHIO EPA PERMIT NO. 3PG00104

Mr. Rex Fee, Executive Director
Trumbull County Sanitary Engineers
7500 Anderson Avenue, N.E.
Warren, Ohio 44484

Dear Mr. Fee:

Ohio EPA conducted a compliance evaluation inspection at the above-referenced facility on April 19, 2012. Mr. Tom Reeder represented the Trumbull County Sanitary Engineers and the undersigned represented Ohio EPA. The inspection was performed to evaluate the operation and maintenance of the treatment works, and evaluate the facility's compliance with the terms and conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

The existing treatment components consist of a manually-cleaned influent bar screen, 55,000-gpd extended aeration activated sludge treatment process, final settling tank, slow surface sand filtration, and UV disinfection. Sludge handling consists of an aerated sludge holding tank. Treated effluent is discharged to Mosquito Creek Reservoir.

During the inspection, the following observations and/or deficiencies were noted:

1. At the time of the inspection, the overall operation and maintenance of the treatment processes and equipment appeared to be satisfactory.
2. The final effluent at Outfall 001 was clear, and was not causing an immediately noticeable, adverse impact to the receiving water body.
3. The sludge holding tank is substantially off level due to a flotation failure. Sludge was observed entering a hole in one of the walls and accumulating in the area behind the wall. Please ensure that preventative measures are implemented to ensure sludge is not discharged to the environment.
4. Heavy amounts of sludge were observed on the sand filters.
5. Several portions of the concrete sand filter walls have deteriorated, and are in need of repair.
6. Part II, N of the facility's NPDES permit requires that an outfall sign be erected no later than four months from the effective date of the permit, which was July 1, 2010. No such sign was observed during the inspection.

7. Several areas of the security fence are in need of repair.
8. Please provide documentation describing when the metering equipment was last calibrated.

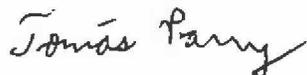
A review of the facility's monthly electronic discharge monitoring reports from January 2010 – March 2012 indicated violations of the terms and conditions of the NPDES permit. The specific instances of noncompliance include:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2012	001	80082	CBOD 5 day	7D Qty	3.1	6.50869	1/22/2012
October 2011	001	31648	E. coli	30D Conc	126	275.590	10/1/2011
October 2011	001	31648	E. coli	7D Conc	284	310.	10/22/2011

Please inform this office in writing, within 14 days' receipt of this letter, as to the actions that will be taken, or have been taken, to address the above-referenced violations and/or deficiencies. Your response shall include specific dates for initiation and completion of this action plan. Please be advised that past or present issues of noncompliance can continue as subjects of future enforcement actions by Ohio EPA.

Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1120.

Respectfully,



Tomás Parry
Environmental Engineer
Division of Surface Water

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Enclosures: Photographs



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