



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

February 13, 2013

RE: TRUMBULL COUNTY
FOWLER TOWNSHIP
FOWLER MHP
NPDES PERMIT NO. OH0084140
OHIO EPA PERMIT NO. 3PV00040
COMPLIANCE EVALUATION INSPECTION

Mr. Lester Swetel
Fowler MHP
2819 Sodom-Hutchings Road
Fowler, Ohio 44418

Mr. Swetel:

Ohio EPA performed a compliance evaluation inspection of the wastewater treatment works serving the above-referenced facility on January 30, 2013. The inspection was performed to evaluate the facility's operation and maintenance of its treatment works, and determine the facility's compliance with the terms and conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

The existing 12,000-gpd treatment system consists of an extended aeration activated sludge package plant, a clarifier tank, slow surface sand filters, and a chlorination/dechlorination unit. Sludge handling consists of an aerated sludge holding tank. Treated effluent is discharged to the south branch of Yankee Creek.

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

1. The overall operation and maintenance of the treatment works appeared to be satisfactory. All treatment units appeared to be in working condition.
2. A number of the tank gratings were not locked.
3. Foaming was observed in the aeration tank.
4. The mixed liquor was a chocolate brown color, indicative of a healthy bacterial population.
5. The backup aeration tank blower did not appear to be operational. Please ensure that it is serviced and restored to working condition so that it is available for use if needed.
6. Based on a review of the bound and numbered logbook observed in the blower building, it does not appear that your certified operator of record, Mr. Dwane Stull, is visiting the treatment works twice a week for a minimum of an hour total, as is required in Ohio Administrative Code 3745-7-04.

In addition to the time requirement, operation and maintenance personnel should log in the date, time in/out, a description of the work performed, and their initials.

7. The pump 1 sand filter distribution box force main has a leak near the 90-degree elbow on the outside of the distribution box. Please repair this leak to ensure that all wastewater is sent through the treatment process.
8. Floating sludge and ponded water was observed in the active sand filter.
9. Part II, K of the NPDES permit requires that an outfall marker be erected at the discharge point by no later than 4 months from the effective date of the permit, which was April 1, 2011. An outfall marker was not observed during the inspection.
10. The final effluent was clear, and did not appear to be causing any immediately noticeable, adverse impacts to the receiving stream.

A review of the facility's electronic Discharge Monitoring Reports received by Ohio EPA for the period November 2010 – January 2013 indicated violations of the terms and conditions of the NPDES permit. The specific instances of noncompliance include:

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PV00040*DD	May 2011	001	50060	Chlorine, Total Residu	1D Conc	0.038	.06	5/4/2011
3PV00040*DD	July 2011	001	31616	Fecal Coliform	30D Conc	1000	5000.	7/1/2011
3PV00040*DD	July 2011	001	31616	Fecal Coliform	7D Conc	2000	5000.	7/1/2011
3PV00040*DD	August 2011	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	8/3/2011
3PV00040*DD	August 2011	001	50060	Chlorine, Total Residu	1D Conc	0.038	.1	8/17/2011
3PV00040*DD	May 2012	001	31648	E. coli	30D Conc	161	3528.	5/1/2012
3PV00040*DD	May 2012	001	50060	Chlorine, Total Residu	1D Conc	0.038	.1	5/9/2012
3PV00040*DD	May 2012	001	31648	E. coli	7D Conc	362	3528.	5/15/2012
3PV00040*DD	May 2012	001	50060	Chlorine, Total Residu	1D Conc	0.038	.15	5/23/2012
3PV00040*DD	September 2012	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	9/5/2012
3PV00040*DD	October 2012	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	10/3/2012

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PV00040*DD	June 2012	001	01350	Turbidity, Severity			AB	6/30/2012

You were also required to submit to this office, within six months of the effective date of the NPDES permit, a report evaluating the ability of the existing treatment works to meet the Escherichia coli (E. coli) monitoring limits that would become effective 12 months after the effective date of the NPDES permit. To date, this office has not received the required E. coli status report. Failure to submit any reports or other documentation as required in the compliance schedule is an NPDES permit violation. Please refer to Part I, C of the NPDES permit for additional language regarding E. coli monitoring requirements.

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FEBRUARY 13, 2013
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Please inform this office in writing, within 14 days' receipt of this notification, as to the actions that have been taken, or proposed, to address the above-referenced violations and/or deficiencies. Please be advised that past or current acts of noncompliance can continue as subjects of future enforcement actions.

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

Respectfully,

A handwritten signature in cursive script that reads "Tomás Parry".

Tomás Parry, P.E.
Environmental Engineer
Division of Surface Water

TP/cs

Attachments: Photographs

