Ohio EPA
40 years and moving forward

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

August 20, 2013

RE: TRUMBULL COUNTY
JOHNSTON TOWNSHIP
DAVID BAILES PROPERTY
4265 GREENVILLE ROAD
NPDES PERMIT NO. OH0123889
OHIO EPA PERMIT NO. 3PR00186

Mr. David Bailes
8690 Youngstown-Kingsville Road
Farmdale, Ohio 44417

Mr. Bailes:

Ohio EPA conducted an inspection of the wastewater treatment works serving the above-referenced facility on July 30, 2013. The inspection was performed to evaluate the operation and maintenance of the treatment system, and determine the facility's overall compliance status with its National Pollutant Discharge Elimination System (NPDES) permit.

The wastewater treatment system consists of a 1,500-gpd extended aeration package plant, dosing chamber, dual-unit surface sand filter, and effluent disinfection. Treated effluent is discharged to an unnamed tributary of Berry Creek.

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

1. The overall condition of the treatment works appeared to be satisfactory.

2. The blowers for the aeration tank were not running.

3. The color of the mixed liquor in the aeration tank was quite dark, indicative of a low organic load coming into the plant.

4. A bound and numbered O & M logbook was not observed. O & M logbooks must be maintained onsite and used to document all work performed on the plant by O & M personnel. At a minimum, each entry shall contain the date, time in/out, description of work performed, and the initials of the person making the entry.

5. Floating sludge was observed in the clarifier.

6. The return sludge line did not appear to be active.

7. A leak was observed in the distribution box when the dose pumps cycled.

8. Please install stone riprap around the sand filter splash pads.

9. The color of the water in the disinfection basin was dark.

10. Tablets in the chlorination and dechlorination feed tubes were quite deteriorated, and must be replaced.

11. The extra chlorination and dechlorination tablets being stored in the buckets near the disinfection chamber have completely deteriorated and/or been dissolved away by rain. To preserve the tablets, they must be stored in a cool, dry place. New tablets will be necessary.

12. No effluent was observed being discharged.

13. The outfall sign must face the receiving stream.

A review of the facility's electronic Discharge Monitoring Reports (eDMRs) received for the period May 2012 – July 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
3PR00186*BD	June 2012	001	00300	Dissolved Oxygen	1D Conc	6.0	5.2	6/12/2012
3PR00186*BD	June 2012	001	00530	Total Suspended Solids	1D Conc	18	42.	6/21/2012
3PR00186*BD	June 2012	001	00530	Total Suspended Solids	30D Conc	12	42.	6/1/2012
3PR00186*BD	June 2012	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	6/12/2012
3PR00186*BD	August 2012	001	00530	Total Suspended Solids	1D Conc	18	110.	8/13/2012
3PR00186*BD	August 2012	001	00530	Total Suspended Solids	30D Conc	12	110.	8/1/2012
3PR00186*BD	August 2012	001	31616	Fecal Coliform	1D Conc	2000	3600.	8/13/2012
3PR00186*BD	August 2012	001	31616	Fecal Coliform	30D Conc	1000	3600.	8/1/2012
3PR00186*BD	December 2012	001	00530	Total Suspended Solids	30D Conc	12	13.	12/1/2012
3PR00186*CD	June 2013	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.107	6/1/2013

In addition to the effluent limit violations referenced above, the eDMR review also indicated a missed E. coli sample event for June 2013 (reported as "AH"). Please note that while E.coli limits are not yet effective, samples must still be taken and analyzed.

In addition to the inspection findings and the eDMR review, 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 become effective twelve months after the effective date of the permit. To date, this office has not received the required E. coli status report.

Please be advised that failure to comply with the terms and conditions of your NPDES permit may be subject to enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Past or current acts of noncompliance can continue as subjects of future enforcement actions.

Please provide to this office, within 14 days' receipt of this notification, written documentation describing the actions that will be taken, or have been taken, to address the above-referenced items. Your response shall include specific dates for the initiation and completion of this action plan.

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

Respectfully,

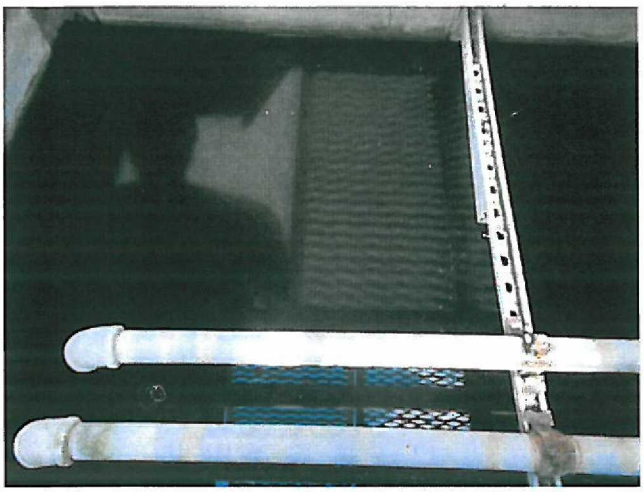
Tomás Parry

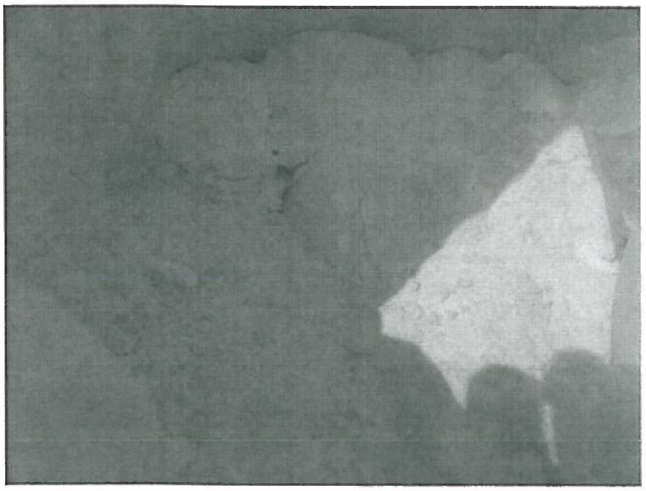
Tomás Parry, P.E.
Environmental Engineer
Division of Surface Water

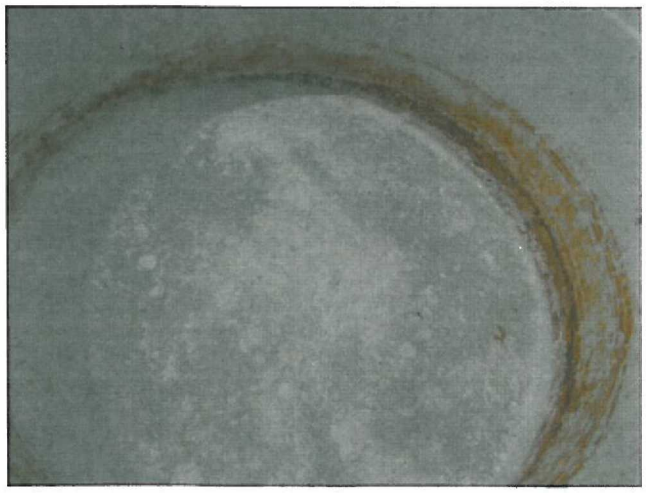
TP/cs

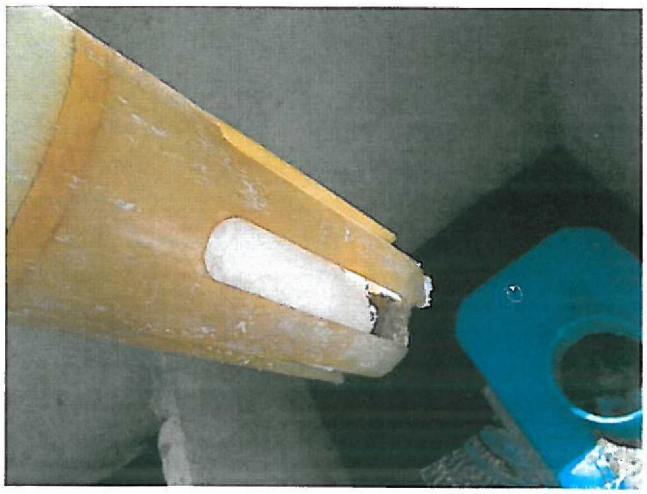
Attachments: photographs

cc: Richard Curl, R.S., Trumbull County Health Department
Scott Mascioli









Bailes Commercial Bldg.
3PR00186
OUTFALL 001
CONTACTS
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