



**Environmental
Protection Agency**

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

August 29, 2012

RE: TRUMBULL COUNTY
HUBBARD TOWNSHIP
BELL-WICK BOWL, INC.
NPDES PERMIT NO. OH0129283
OHIO EPA PERMIT NO. 3PR00262

Mr. Francis Zitnik
Bell-Wick Bowl, Inc.
6105 W. Liberty St. SE
Hubbard, OH 44425

Mr. Zitnik:

Ohio EPA and the Trumbull County Health Department performed a compliance evaluation inspection of the wastewater treatment works serving the above-referenced facility on August 20, 2012. Mr. Steve Kramer represented the Trumbull County Health Department and the undersigned represented Ohio EPA. The inspection was performed to evaluate the operation and maintenance of the treatment system, and determine the facility's overall compliance with its National Pollutant Discharge Elimination (NPDES) permit.

The current 2,500-gpd treatment system consists of a trash trap, flow equalization basin, extended aeration activated sludge package plant, final settling tank, slow surface sand filters, sludge holding, and effluent disinfection.

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

1. The overall operation and maintenance of the treatment works appeared to be adequate. All treatment units appeared to be functioning.
2. The blowers for the aeration tank were not on.
3. The mixed liquor was grey in color. This may indicate low system use.
4. While this office understands that a bound and numbered log book has been placed at the facility, it was not observed during the inspection. Any and all work or maintenance done at the plant should be recorded in the log book, along with the times of arrival and departure of plant personnel.
5. The facility's current NPDES permit expired on September 30, 2011. NPDES renewal applications are required to be submitted six months in advance of the expiration date. Ohio EPA contacted you with multiple telephone calls and letters advising you of the need to submit a renewal application. This office received a renewal application on July 24, 2012.
6. One of the plugs in the sand filter distribution box was not seated properly, causing both sand filter beds to be dosed during pump cycles. Sand filters should be dosed one at a time, which allows the off filter to rest.

7. Flooding of the sand filters appears to be a regular problem. Further investigation revealed that the sand in the filters may not meet Ohio EPA's requirements for gradation/sizing. Please submit documentation to this office describing the gradation and sizing specifications of the sand currently in use at the facility.
8. The sand in the south filter was not level.
9. One of the sand filter splash pads is cracked.
10. There were no chlorination or dechlorination tablets in the feed tubes.
11. The final discharge pipe is still nearly completely buried in the receiving stream.
12. The final effluent appeared clear, and was not causing any immediately noticeable, adverse impacts to the receiving stream.
13. Please be aware that upon renewal of the plant's NPDES permit, there will be language requiring a sign to be placed at the outfall. The sign must be a minimum of 2' x 2' and contain at a minimum the following information: name of the establishment, Ohio EPA permit number, outfall number, and a contact telephone number. Lettering should be a minimum of two inches in size. The sign shall face the receiving stream, and be erected a minimum of three feet above ground level.

A review of the facility's electronic discharge monitoring reports (eDMRs) received by Ohio EPA for the period April 2011 – July 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
June 2011	001	31616	Fecal Coliform	30D Conc	1000	5000.	6/1/2011
June 2011	001	31616	Fecal Coliform	7D Conc	2000	5000.	6/15/2011
August 2011	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	8/10/2011

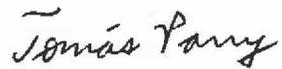
Based on the results of the inspection and the eDMR data review, this office anticipates drafting and issuing a renewal permit. Once the new NPDES permit is drafted and issued, Ohio EPA advises that the permittee read through it carefully, as there will be a number of changes made to it. One such change is that the new permit will be phasing out fecal coliform monitoring limits, and replacing them with *Escherichia coli* (*E. coli*) monitoring limits. The permittee will be given a one year conversion period to transition from meeting fecal coliform limits to meeting *E. coli* limits. Monitoring requirements for *E. coli*, and all other new parameters, will be described in the new permit.

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. Such actions can result in fines of up to \$10,000 per day of violation. Please inform this office, in writing, within 14 days' receipt of this notification, of the actions taken or proposed to address the above-referenced violations and/or deficiencies. Your response shall include specific dates for the 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.

BELL-WICK BOWL, INC.
AUGUST 29, 2012
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Should you have any questions or comments regarding this letter, please contact this office 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

cc: Steve Kramer, R.S., Trumbull County Health Department

