



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

January 20, 2012

RE: TRUMBULL COUNTY
LIBERTY TOWNSHIP
OBLATE SISTERS OF THE SACRED HEART
NPDES PERMIT NO. OH0126004
OHIO EPA PERMIT NO. 3PR00200

Sister Teresina Rosa
Oblate Sisters of the Sacred Heart Institute
50 Warner Road
Hubbard, Ohio 44425

Dear Sister Teresina:

Ohio EPA conducted an inspection of the wastewater treatment plant at the above-referenced facility on January 17, 2012. Access to the treatment plant was granted by the maintenance person, Mr. Terry Martin. The inspection was performed to evaluate the operational performance of the treatment system, and determine the facility's overall compliance with its National Pollutant Discharge Elimination System (NPDES) permit.

The current 2,400 gpd treatment system consists of a trash trap, extended aeration activated sludge package plant, final settling tank, slow surface sand filtration, and chlorination/dechlorination. Treated effluent is discharged to a tributary of Crab Creek.

At the time of the inspection, the following observations and/or deficiencies were noted:

1. The overall operation and maintenance of the treatment works was satisfactory. The final effluent at Outfall 001 was clear, and was not causing an immediately noticeable, adverse impact to the receiving stream.
1. Several of the metal grates over the treatment tanks are quite rusted, and need to be replaced.
2. A bound and numbered log book was not observed at the site. Bound and numbered log books are required to record operation and maintenance activities performed by the plant operators. The arrival/departure times, date, personnel initials, and a description of the work performed must be recorded in the log book.
3. Spare belts for the blower motors must be kept onsite. Spare belts for the blower motors were not observed.
4. Please provide clarification on whether or not both activated sludge tank blowers are online and operational.

5. Ponded water was observed in the active sand filter.
6. Stone riprap is required around the perimeter of the concrete splash pads located in the sand filters.
7. Please provide clarification on how the flow values are currently being measured and reported. An "AH" code was used to indicate no flow data was reported for the month of October 2010, however, no explanation for this gap in reporting was provided. Flow reporting resumed in November 2010, but with a noticeable change in reported values. Flow was previously being reported to the nearest one, but now is being reported to the nearest thousand.

A review of the facility's discharge monitoring reports (DMRs) received by Ohio EPA for the period, November 2008 – December 2011, indicates violations of the terms and conditions contained in the NPDES permit. The specific instances of noncompliance include:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2010	001	00530	Total Suspended Solids	30D Conc	12	16	3/1/2010
March 2010	001	00530	Total Suspended Solids	30D Qty	0.11	.13444	3/1/2010

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
October 2010	001	00056	Flow Rate	1/Day	1	0	10/03/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/09/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/18/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/25/2010
October 2010	001	01330	Odor, Severity	1/Week	1	0	10/08/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/15/2010
October 2010	001	01350	Turbidity, Severity	1/Week	1	0	10/22/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/05/2010
October 2010	001	00083	Color, Severity	1/Week	1	0	10/08/2010
October 2010	001	01330	Odor, Severity	1/Week	1	0	10/15/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/26/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/27/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/29/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/02/2010
October 2010	001	01350	Turbidity, Severity	1/Week	1	0	10/08/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/08/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/12/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/16/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/17/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/21/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/10/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/13/2010

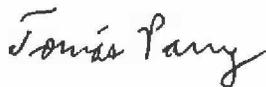
OBLATE SISTERS OF THE SACRED HEART INSTITUTE
 JANUARY 20, 2012
 PAGE 3 OF 4

October 2010	001	00056	Flow Rate	1/Day	1	0	10/14/2010
October 2010	001	00083	Color, Severity	1/Week	1	0	10/15/2010
October 2010	001	01350	Turbidity, Severity	1/Week	1	0	10/15/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/19/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/20/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/24/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/30/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/06/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/07/2010
October 2010	001	01330	Odor, Severity	1/Week	1	0	10/22/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/23/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/28/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/31/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/04/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/11/2010
October 2010	001	00083	Color, Severity	1/Week	1	0	10/22/2010
October 2010	001	00056	Flow Rate	1/Day	1	0	10/22/2010

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. Please inform this office, in writing, within 14 days' receipt of this notification, as to the actions taken or proposed 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 current acts of noncompliance can continue as subjects of future enforcement actions.

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

TP/cs

Attachments: photographs

File: Semipublic/Trumbull County/Liberty Twp./Oblate Sisters

