



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

April 10, 2013

**RE: TRUMBULL COUNTY
VIENNA TOWNSHIP
CERTIFIED 458-VIENNA
277 YOUNGSTOWN-KINGSVILLE ROAD
NPDES PERMIT NO. OH0136981
OHIO EPA PERMIT NO. 3PR00407**

Mr. Art Schmitz, Environmental Manager
Certified Oil Company
949 King Avenue
Columbus, OH 43212

Mr. Schmitz:

Ohio EPA performed a compliance evaluation inspection of the wastewater treatment works serving the above-referenced facility on March 27, 2013. The inspection was conducted to evaluate the overall operation and maintenance of the treatment works, and determine the facility's overall compliance with the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) permit.

The existing treatment system consists of a trash trap, a 1,500-gpd extended aeration activated sludge treatment process, surface sand filtration, final settling, and chlorination/dechlorination. Treated effluent is discharged to a nearby storm sewer that is tributary to Squaw 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 components appeared to be in working condition.
2. A bound and numbered logbook was not observed at the facility. Please ensure that a bound and numbered logbook is maintained on site, and used to document all operation and maintenance activities at the treatment plant. Plant operation and maintenance personnel should log their time in and out, the date, a brief description of the work performed, and their initials.
3. The mixed liquor was quite dark, and watery in appearance, indicative of low system use.
4. Foaming was observed in the aeration tank.
5. The sand filter distribution box is leaky, and must be repaired.
6. Both sand filter beds were active. Sand filter beds should be regularly alternated, with one bed "resting" while the other is in use.

7. The sand filters need to be weeded, and raked level.
8. Please install stone riprap around the sand filter splash pads.
9. The final effluent appeared to be slightly dark in color. No immediately-observable, adverse impacts in the receiving storm sewer were noted.

A review of the facility's monthly electronic Discharge Monitoring Reports (eDMRs) received by Ohio EPA for the period March 2011 – March 2013 indicated violations of the terms and conditions contained in the NPDES permit. The specific instances of noncompliance include:

Permit No	Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
3PR00407*BD	March 2012	001	00530	Total Suspended Solids	1/Quarter	1	0	3/1/2012
3PR00407*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	3/1/2012
3PR00407*BD	March 2012	001	01350	Turbidity, Severity	1/Week	1	0	3/1/2012
3PR00407*BD	March 2012	001	01350	Turbidity, Severity	1/Week	1	0	3/8/2012
3PR00407*BD	March 2012	001	01350	Turbidity, Severity	1/Week	1	0	3/15/2012
3PR00407*BD	March 2012	001	01350	Turbidity, Severity	1/Week	1	0	3/22/2012
3PR00407*BD	March 2012	001	80082	CBOD 5 day	1/Quarter	1	0	3/1/2012
3PR00407*BD	March 2012	001	00400	pH	1/Quarter	1	0	3/1/2012
3PR00407*BD	March 2012	001	00300	Dissolved Oxygen	1/Quarter	1	0	3/1/2012

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 Escherechia coli (E. coli) monitoring limits that became effective twelve months after the effective date of the NPDES permit, which was June 1, 2011. To date, this office has not received the required E. coli status report. While the eDMR review indicated there have been no issues with meeting the E. coli limits, the report is still necessary

Part II, J of the facility's NPDES permit also requires that an outfall marker be erected at the outfall point by no later than four months from the effective date of the permit, which was June 1, 2011. No such marker was observed during the inspection. Please refer to the above-referenced part of the NPDES permit for specific requirements regarding the sizing, positioning, and what information must be displayed on the marker.

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. Additionally, past or current acts of noncompliance can continue as subjects of future enforcement actions. Such enforcement actions can result in fines of up to \$10,000 per day of violation.

CERTIFIED 458 – VIENNA
APRIL 10, 2013
PAGE 3 OF 4

Please submit to Ohio EPA, within 14 days' receipt of this notification, written documentation describing the course of action that will be taken, or has been taken, to address the deficiencies identified in this letter. 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,

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

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

TP/cl

attachments: photos

cc: Richard Curl, R.S., Trumbull County Board of Health

