



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

November 2, 2012

RE: CERTIFIED OIL COMPANY
GAS STATION #410
PERMIT NO. 3PR00302
PORTAGE COUNTY
EDINBURG TOWNSHIP

CERTIFIED MAIL

Ms. Robin Talbot, Manager
Certified Oil Company
4224 S.R. 14.
Ravenna, Ohio 44261

Dear Ms. Talbot:

On October 4 2012, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by you. The purpose of the inspection was to evaluate the operation and maintenance of the wastewater treatment system along with the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were note/discussed:

1. You indicated that the recently approved treatment plant upgrades were completed on September 27, 2012. The upgrades were approved by this Agency through Permit-to-Install No. 879336.
2. The treatment plant improvements consisted of the following:
 - a. Replacement of the existing trash trap with a new 500-gallon trash trap.
 - b. Installation of a new 1,000-gallon flow equalization tank.
 - c. Replacement of the existing 1,500-gallon extended aeration tank with a new 3,000-gallon extended aeration tank.
 - d. Refurbish the existing surface sand filters with a new distribution box, piping, and filter media.
 - e. Installation of Ultraviolet disinfection facilities.
 - f. Installation of post aeration in ultraviolet unit.
 - g. Conversion of the existing 1,500-gallon extended aeration tank to an aerated sludge holding tank.
 - h. Installation of a supplemental alkalinity chemical feed system.
3. The design flow of the extended aeration wastewater treatment plant is 1500 gallons per day.
4. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility is classified as a Class A facility. The permittee shall ensure that the treatment works Operator of Record is physically present at the facility two days per week for a minimum of one hour per week.

5. The Agency has no Operator of Record form on file indicating who the operator is. The operator of Record form can be found at the following link: <http://epa.ohio.gov/dsw/opcert/opcert.aspx>. The form should be completed and submitted immediately.
6. Ohio operator certification rules require that a field log book be maintained at the treatment plant. The log book should document the time the operator is present at the treatment works along with maintenance duties being performed at the treatment plant. No log book was observed.
7. The flow equalization tank was not being aerated.
8. The sludge holding tank was also not being aerated.
9. The blowers were running and the plant was receiving good aeration.
10. The contents of the aeration tank were light brown in color.
11. The skimmer return line was not functioning.
12. The sludge return line was not functioning.
13. No scum build-up was present behind the baffle in the settling tank.
14. The weirs and the trough in the settling tank were free of scum/solids build-up.
15. Both dosing pumps were tested and found to be operational.
16. Flow is measured by the use of elapsed time meters on the dosing pumps.
17. The discharge into the surface sand filter had a yellow tint.
18. A slight odor was present in the immediate area of the treatment plant.

Mr. Robert Schreiner, from Burgess & Niple indicted to this office that an Operation & Maintenance meeting was being set up with Mack Industries, Mr. Josh Goodridge, and Burgess & Niple for October 16, 2012 to review the plant operations.

This office has recently reviewed your self-monitoring reports covering the period August 1, 2011 through August 31, 2012 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instance of noncompliance is as follows:

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	19.	8/1/2011
001	00530	Total Suspended Solids	30D Qty	0.068	.1726	8/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	10.2	8/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.006	.09266	8/1/2011
001	80082	CBOD 5 day	30D Qty	0.057	.07267	8/1/2011
001	00530	Total Suspended Solids	7D Conc	18	19.	8/22/2011
001	00530	Total Suspended Solids	7D Qty	0.1	.1726	8/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	10.2	8/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.009	.09266	8/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.1	9/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.	10/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.	10/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	22.75	11/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.018	.18083	11/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	22.75	11/22/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.027	.18083	11/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	13.55	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	13.55	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.6	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.6	2/15/2012

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	37.5	3/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.018	.29807	3/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	37.5	3/22/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.027	.29807	3/22/2012
001	00530	Total Suspended Solids	30D Conc	12	32.	4/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	36.	4/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.018	.06268	4/1/2012
001	00530	Total Suspended Solids	7D Conc	18	32.	4/22/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	36.	4/22/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.027	.06268	4/22/2012
001	00530	Total Suspended Solids	30D Conc	12	20.	5/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	42.5	5/1/2012
001	00530	Total Suspended Solids	7D Conc	18	20.	5/22/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	42.5	5/22/2012
001	00530	Total Suspended Solids	30D Conc	12	17.	6/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	51.	6/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.006	.10617	6/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	51.	6/22/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.009	.10617	6/22/2012
001	00400	pH	1D Conc	6.5	5.19	6/25/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	25.6	7/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	25.6	7/22/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	9.15	8/1/2012
001	31616	Fecal Coliform	30D Conc	1000	19600.	8/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	9.15	8/22/2012
001	31616	Fecal Coliform	7D Conc	2000	19600.	8/22/2012

Please notify this office in writing, within 21 days receipt of this letter, of your intentions to address items 4 – 8, 11, 12, and 18 along with an update on the October 16, 2012 Operation & Maintenance meeting . Dates should be provided either actual or proposed.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
 Environmental Engineer
 Division of Surface Water

MWS/cs