

**Environmental
Protection Agency**

Timothy J. ... , Governor
... Lt. Governor
... , Director

June 22, 2010

RE: LORAIN COUNTY
SHEFFIELD VILLAGE
PARKER MARINE
(3735 COLORADO AVE.)
(PERMIT NO. 3PR00476)

CERTIFIED MAIL

Mr. Richard Parker, President
Parker Marine
3735 Colorado Ave.
Sheffield Village, OH 44054

Dear Mr. Parker:

On June 8, 2010, this writer, and Mr. John Sabo of the Lorain County Health Department, conducted a compliance inspection on the wastewater treatment plant (WWTP) serving the Parker Marine building, located at 3735 Colorado Ave., Sheffield Village. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and compliance with your NPDES Permit to discharge.

At the time of the inspection, the following observations were made:

- 1) Contents of the trash trap were typical.
- 2) The aeration tank was being aerated, and its contents were light brown/gray in color. The return sludge line was operating, returning a sludge which was also light brown/gray in color.
- 3) The settling tank contents were typical (slightly turbid), and the skimmer was operating, returning a clear liquid. The effluent trough was clean and free of algae or solids, and the effluent from the settling tank was clear.
- 4) Both of the dosing station pumps were in the 'AUTO' mode, and were operational when tested in the 'HAND' mode. The high water level alarm was operational when manually tested.
- 5) The surface sand filters were in use, with the north cell receiving water when dosed. The south cell sand contained very slight vegetative growth. Sand in both filter cells was free of solids and level.
- 6) Effluent disinfection is accomplished by Ultra Violet (UV) light, which was in use at the time of the inspection.

Mr. Richard Parker
Parker Marine
June 23, 2010
Page 2

A SWIMS computer search for operating data for the wastewater treatment plant (submittal as required by NPDES Permit to be reported to the Ohio EPA) has been conducted. The electronic Discharge Monitoring Report (eDMR) data search covered the period April 1, 2008 through June 1, 2010. During this period, Parker Marine reported the following NPDES Permit effluent violations in their monthly eDMR submittals:

**PARKER MARINE WWTP
Effluent Numerical Violations
NPDES PERMIT NO. 3PR00476
(4/1/08 through 6/1/10)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2008	Total Suspended Solids	30D Conc	12	26.	12/1/2008
December 2008	Total Suspended Solids	7D Conc	18	26.	12/1/2008
December 2008	CBOD 5 day	30D Conc	10	25.	12/1/2008
December 2008	CBOD 5 day	7D Conc	15	25.	12/1/2008
June 2009	Nitrogen, Ammonia (NH3-N)	30D Conc	1.0	4.65	6/1/2009
June 2009	Nitrogen, Ammonia (NH3-N)	7D Conc	1.5	4.65	6/22/2009

A review of the eDMRs for the same period also found the following reporting frequency violations for Parker Marine:

**PARKER MARINE WWTP
Reporting Frequency Violations
NPDES PERMIT NO. 3PR00476
(4/1/08 through 6/1/10)**

Reporting Period	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
October 2008	01350	Turbidity, Severity	1/Week	1	0	10/01/2008
August 2009	50060	Chlorine, Total Residual	1/Quarter	1	0	08/01/2009

Please inform this office in writing, within 14 days of the receipt of this letter, as to the reasons for the effluent and reporting code violations. Also, please indicate what measures will be taken to prevent further permit excursions.

Parker Marine should continue the implementation of operation and maintenance practices which will enable the WWTP to consistently meet its NPDES Permit limits. Please be advised that failure to consistently meet the permitted effluent limits can subject the owner to legal enforcement action for violation of those limits.

Mr. Richard Parker
Parker Marine
June 23, 2010
Page 3

If there are questions or comments regarding the contents of this letter, please contact this office.

Respectfully,

A handwritten signature in cursive script that reads "Charles E. Allen".

Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/mt

pc: John Sabo, Lorain County Health Department

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