



**Environmental
Protection Agency**

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

October 9, 2012

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

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

Dear Mr. Parker:

A compliance evaluation inspection (CEI) was conducted on the Parker Marine wastewater treatment plant (WWTP) on September 6, 2012, by this writer, and Mr. John Sabo of the Lorain County Health Department. Parker Marine is located at 3735 Colorado Ave., Sheffield Village.

The purpose of the inspection was to evaluate the facility's operation and maintenance condition prior to renewal of its National Pollutant Discharge Elimination System (NPDES) permit to discharge. The previous CEI was conducted on July 26, 2011.

At the time of the September 6th inspection, the following observations were made:

- 1) Contents of the trash trap were typical, and not in need of pumping.
- 2) The extended aeration tank contents were well aerated, and were medium brown in color. The return sludge line was returning a light brown liquid from the settling tank to the aeration tank.
- 3) The sewage system is served by two blower/motors, of which one was in operation. The second blower/motor was being kept as a standby. The high air pressure relief valve was operational when checked.
- 4) Contents of the settling tank were turbid. The effluent trough was clean and free of solids, and the skimmer was operating. However, the skimmer appeared to be adjusted too high, as it was only returning a trickle of clear liquid. **The skimmer should be adjusted to approximately ¼ inch below the surface of the water.**

Effluent discharging from the settling tank trough was clear.

- 5) The sand filter dosing station pumps were in the 'AUTO' mode, and when manually tested, both were operational. The high water level alarm also functioned properly when manually tested.
- 6) The south cell of the surface sand filter was being utilized when dosing pumps were manually tested. Sand in both the north and south filter cells was raked level, and was free of solids and vegetation.

- 7) Disinfection of the treated effluent is accomplished by Ultra Violet (UV) light, which was in use at the time of the inspection.

A review was conducted of the electronic Discharge Monitoring Report (eDMR) data submitted monthly for Parker Marine since the last inspection. During the period of August 1, 2011 through September 1, 2012, eDMR data revealed the following NPDES Permit effluent limit violations:

**PARKER MARINE
NPDES PERMIT NO. 3PR00476
NUMERIC EFFLUENT LIMIT VIOLATIONS
(AUG. 1, 2011 – SEPT. 1, 2012)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2011	Nitrogen, Ammonia (NH3-N)	30D Conc	1.0	1.01	8/1/2011

** NOTE: No frequency or reporting code violations for the period.

Parker Marine should continue the implementation of operation and maintenance practices, which will enable the WWTP to consistently meet its NPDES Permit limits.

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

Respectfully,



Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/cs

cc: John Sabo, Lorain County Health Department