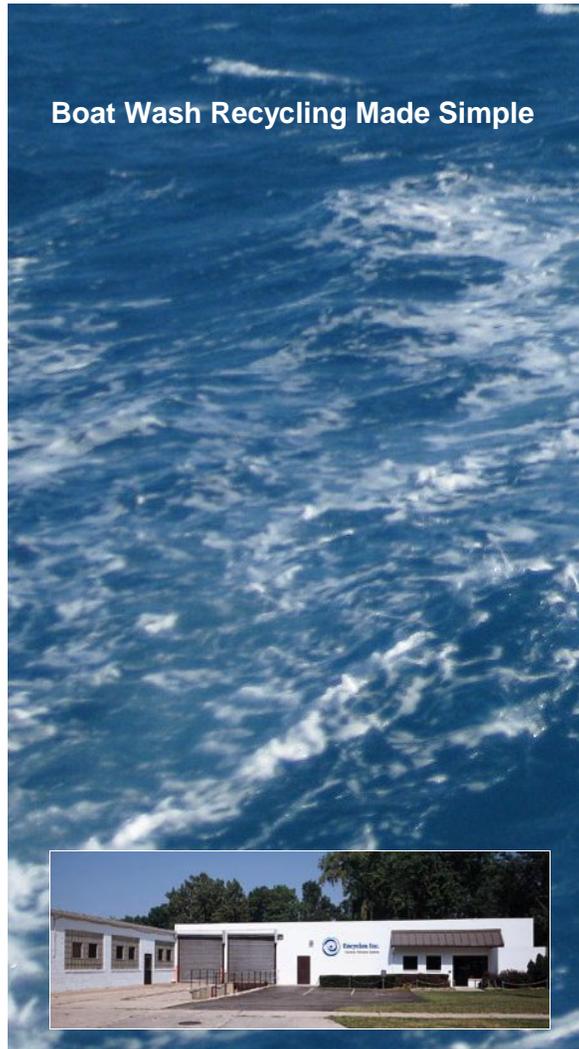




### Recycling Pressure Washing Wastewater

Pressure washing of boat bottoms to remove marine organisms produces contaminated wastewater. Particles from antifouling paints contain heavy metals in concentrations that are harmful to the marine environment. Wastewater that drains to surface waters is considered an illegal discharge under the Federal Clean Water Act.

Installation of a closed loop water recycling system is the most cost efficient option for compliance with EPA regulations and Clean Marina programs.



Boat Wash Recycling Made Simple



## Boat Wash Wastewater Solutions



Phone: 937-572-3280

Email: [donpetsch@juno.com](mailto:donpetsch@juno.com)

[www.CleanMarinaPressureWash.com](http://www.CleanMarinaPressureWash.com)



### Cyclonic Filtration

High efficiency hydro-cyclones are the key to removing particulate contaminants down to 5-microns or 0.00019 inches. Encyclon cyclonic cones generate a centrifugal force at 7,500 times gravity so the heavier copper items found in marina waste water are filtered at the most efficient rate.



Type 56 Cone

The Encyclon cone has a 98% efficiency rating on the first pass, however since the water passes through the filter multiple times, the 98% efficiency is effectively multiplied endlessly. After several passes through the cyclonic system, the water may be clean enough to be discharged to most sanitary sewer systems, but since a discharge permit, testing, and monitoring is usually required, most marinas choose to re-use the filtered water for boat washing.

### Mike Petsch & Associates, Inc.

P. O. 24246  
Dayton, OH 45424

Phone 937-438-8031  
Www. [CleanMarinaPressureWash.com](http://CleanMarinaPressureWash.com)



### Industrial Strength Quality

Encyclon has been building filters since 1974. Our industrial filtration systems remove thousands of pounds of abrasive grit and steel particles from water based coolants each day, so removing a few pounds of paint chips with copper is relatively easy stuff. Our marina systems use these same type 65 cyclones. Will you be able to find the proprietary parts for our competitors' broken "magical mystery box" made with swimming pool components in the future?

### No Cartridges to Change

Encyclon systems use no expensive filter bags, paper, or cartridges. There is nothing dirty to change. There is nothing clogged to back flush. There is no slack or settling downtime required. Encyclon simply filters dirty water at 20 gpm while you are busy washing boats.



### No Chemicals Required

Encyclon filtration controls bacterial problems because the recycled water is continuously aerated during filtration to keep anaerobic bacteria under control. Most other filtration systems kill bacteria using expensive chlorine, microbes, biocides, ozone generators, or use water pH chemicals that can also be harmful to gel-coat and operators.

### No Complicated Electrical

Simple is better. Water recycling systems shouldn't need a PLC computer to control the filtration process. What



happens if the power spikes or water hits the control panel on one of these other complex systems? When their system crashes, who reloads the program so you can get back to washing boats?

Encyclon uses a very simple cyclonic process; there are no complicated PLC controls, just one on/off switch. Simply connect the filtration unit to a standard marina dockside power adapter with the included cord.

### Value Priced Systems

Encyclon offers more efficient systems for less than half the cost of some competitors. The self-prime unit is the basic component for our systems. We offer a modular system that can be adapted for each marina's unique facilities or a self-contained trailer mounted unit that includes a tank and hoses to supply clean re-cycled water to your pressure washer.

