

# Steamboat Wharf Marina

## Standard Operating Procedures

### Hull Maintenance and Bottom Cleaning - Pressure Washing

<b>Department:</b>	Service Department	
<b>Procedure:</b>	Hull Maintenance and Bottom Cleaning - Pressure Washing	
<b>Date Issued:</b>	September	2006
<b>Date Revised:</b>	November	2015

**Purpose of Procedure:** To provide a clear procedure for hull maintenance and cleaning and avoid any potential environmental impact from these activities. Outline steps involved in pressure washing boat bottoms with anti fouling paints. This includes proper collection of wastewater, utilization of filtration equipment, and cleanup.

#### **Steps of (SOP) Standard Operating Procedure:**

##### **Pressure Washing Equipment/Filter set up:**

*(See illustration of Pressure Wash Procedures attached)*

- Set up pressure washers on Pressure wash pad and hook up to clean water feeds from the filtration system
- Run sanitation hose and electrical cord to the trench drain and Pressure wash catch basin.
- Remove catch basin cover and install sump pump in the bottom of catch basin. Connect sanitation hose and electrical cord. Check to make sure float switch is functioning properly.
- Close gate valve connecting Pressure Wash catch basin to the drainage system.
- Insert hose from secondary collection tank into filter intake.
- Connect Quick connect from filter outtake to clean water tank.
- Turn filtration system on. Make sure all valves are in the on position.
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##### **Bottom Cleaning:** *(Procedure applies to boats with anti-fouling paint only.)*

- All pressure washing must be completed on pressure wash pad behind service bays in rear of building.
- Customers and outside vendors are not allowed to bottom clean or pressure wash boats at marina. No in water bottom cleaning is allowed.

**Clean up/ breakdown:**

- Sweep up all solids and place in fish totes to dry and drain
- Clean pad with pressure washers so that all paint chips, bottom growth, and debris go in trench drain.
- Remove trench drain and remove all solids using shovel.
- Drain as much liquid out of pressure wash catch basin using sump pump by bypassing float switch.
- Use 2” trash pump to fully clean out bottom of catch basin of any remaining liquids and solids.

**Materials or Tools Needed:**

Special Equipment: Pressure Washers, Pressure wash water collection pad, filtration system

Personal Protective: Equipment: Safety glasses, gloves.

**Important Contact Information:**

**New Stream/Liquid Environmental Solutions, 508-236-6001** (Delivery location is: 527 Pleasant Street, Attleboro, MA 02703) Offsite disposal of pressure wash wastewater.

Contacts: Rich Derby, and John Nash

**New England Testing Laboratory, 401-353-3420**, (Samples sent to: 1254 Douglas Avenue North Providence, RI 02904) Testing facility for solid and liquid waste.

**Hoadley and Sons, 781-878-8098** (Rockland, MA) Catch Basin and Water Quality Tank cleaning. Contacts: Kevin GM & Steve scheduler

**Evaluation of Procedure:** The service department manager will inspect and supervise all boat washing and bottom cleaning jobs. The service department manager will advise on how to prepare the boat, what cleaners to use, and inspect the quality of the work completed, and ensure these procedures are followed. This SOP shall be evaluated annually and updated as necessary.