

**Mandatory Best Management Practices (BMPs)
For Pollution Prevention at
Port of Ilwaco Boatyard & Marina Facilities**

Mandatory BMPs – Per Port of Ilwaco Boatyard Permit #WAG 03-1017. Permittees shall prepare a handout describing these BMPs and provide copies to all employees, contractors, boat owners, and other customers. These BMPs shall be posted conspicuously within the work areas and incorporated into the facilities’ SWPPP (Stormwater Pollution Prevention Plan).

a. Use of Vacuum Sander – Required of all facilities

A vacuum sander or rotary tool meeting minimum performance standards shall be used for all paint removal where a sander is appropriate. Non-vacuum grinders are prohibited.

“Vacuum Sanding” means:

Sander or Rotary Tool

- 98 percent dust extraction
- Suitable for lead abatement work
- Electric or air powered

b. In-Water Vessel Maintenance and Repair

Cleaning, repair, modifications, surface preparation or coating of any portion of a vessel’s hull while the vessel is afloat is prohibited. If this work is necessary, then the vessel shall be hauled out into the upland portion of the facility covered by an individual permit issued in accordance with the provisions of Chapter 173-220 WAC.

Repairs, modifications, surface preparation, or coating of topside or superstructure shall be limited to 25 percent of the topside or superstructure surface where the deck composes on collection surface. When stripping, sanding, scraping, sandblasting, painting, coating and/or varnishing any deck or superstructure of a vessel in-water, all particles, oils, grits, dusts, flakes, chips, drips, sediments, debris and other solids shall be collected and managed to prevent their release into the environment and entry into waters of the state.

Drop cloths, tarpaulins, drapes, shrouding or other protective devices shall be securely fastened between various portions of the vessel or between the vessel and the dock, pier, boathouse, bulkhead or shoreline to collect all such materials. No work shall be done from a float or another boat. The cleanup of all collected material shall be conducted daily to prevent their release into the environment and entry into waters of the state.

c. Upland Vessel Maintenance and Repair

When stripping, sanding, scraping, sandblasting, painting, coating and/or varnishing any portion of a vessel, all particles, oils, grits, dusts, flakes, chips drips, sediments, debris and other solids shall be collected and managed to prevent their release into the environment and entry into the waters of the state.

Drop cloths, tarpaulins, structures, drapes, shrouding or other protective devices shall be secured around the vessel, as necessary, to collect all such materials. The cleanup of all collected materials shall be routinely undertaken to prevent their release into the environment and entry into waters of the state.

d. Solids Management

All particles, oils, grits, dusts, flakes, chips, drips, sediments, debris and other solids from work, service and storage areas of the boatyard shall be collected to prevent their release into the environment and entry into waters of the state. The minimum collection frequency is once per day when solids-generating activity is occurring. Solids shall be kept as dry as possible during collection and shall not be washed into any surface water or into a stormwater collection system.

e. Paint and Solvent Use

Paints and solvents shall be used in such a manner as to prevent their release into the environment and entry into waters of the state. Drip pans, drop cloths, tarpaulins or other protective devices shall be used during surface preparation, paint and solvent transfer, paint mixing, and application unless completely enclosed in a building.

Painting of the hull surface over water is prohibited except for minor touchup, such as vessel numbers, with non-metallic paints. When painting decks or superstructure, paint cans shall be placed in a drop pan on top of a drop cloth or tarpaulin. Paints and solvents shall only be mixed at secure locations onshore or onboard a vessel.

Paints containing tributyltin are prohibited from use on any vessel less than 25 meters in length (82 feet) except as applied by a licensed applicator the painting of aluminum hulls of a vessel that is less than 25 meter in length, and for the painting of outboard motors and outdrives of vessels less than 25 meters in length.

Only persons with a current Washington State Department of Agriculture pesticide applicator’s license may purchase, handle and apply tributyltin.

f. Oils and Bilge Water Management

Hydraulic fluids, oily wastes and petroleum products shall not be discharged to waters of the state.

Bilge water discharges shall not cause any visible sheen in waters of the state.

Bilge waters shall not be discharged to waters of the state if solvents, detergents, emulsifying agents or dispersants have been added to the bilge. If a vessel is moved prior to pumping out the bilge, absorbent pads shall be used to prevent the accidental discharge of oils to waters of the state.

Drip pans or other containment devices shall be used during all petroleum product transfer operations to catch incidental leaks and spills. Absorbent pads and/or booms shall be available during petroleum transfer operations occurring over water.

g. Sacrificial Anode (Zincs) Management

Zincs used as sacrificial anodes shall not be disposed of into waters of the state. Spent zincs shall be stored in a covered container and be recycled for their material value.

A recycling bin is located by the gate of the boatyard.

h. Chemical Management

Solid chemical products, chemical solutions, paints, oils, solvents, acids, caustic solutions and waste materials, including used batteries and lead and copper waste, shall be stored under cover on an impervious surface.

All chemical liquids and fluids shall be stored on a durable impervious bermed surface capable of containing 10 percent of the total tank and container volume or 110 percent of the largest tank or container volume, whichever is greater.

i. Disposal of Lubricants and/or other Petroleum based products

Dispose of greasy rags, oil filters, air filters, batteries, spent coolant and degreasers properly.

j. Wash Pad Decontamination

Prior to actively pumping or passively discharging any stormwater from the pressure wash pad to waters of the state, the pad shall be cleaned of all debris, paint waste, sludge and other solids. Then the entire pad shall be pressure washed into the collection sump and the sump cleaned of all debris and other solids.

k. Sewage and Gray Water Discharges

Owners of vessel moored for repair or under repair at a permitted facility shall be notified in writing the Permittee that this permit prohibits the discharge of sewage (including discharges from the vessel's galley) into waters of the state. Sanitary waste discharges shall be either to the sanitary sewer or into a holding tank. The Permittee shall make available to customers a list of contractors providing holding tank pump-out services.

There is a pump out available in the marina, in front of the port office. You may also use Evergreen Septic Service, telephone 360-665-5100.

l. Accidental Spills or Discharges

In the event of an accidental discharge of oil or hazardous material into waters of the state or onto land with a potential for entry into state waters, immediately notify the yard, port, or marina manager. The Department of Ecology, and the National Response Center. The Port Office will provide a Fuel Spill Response Report with all applicable telephone numbers and procedures.

I have read and agree to abide by the above guidelines for working on my vessel in the Port of Ilwaco Boatyard.

Customer's signature _____ Date _____