

## Boatyard Best Management Practices

We must take all practical steps to ensure that all wastes generated during boat maintenance activities are captured, contained and disposed of appropriately.

We require our customers and contractors to be aware of their environmental responsibilities specifically relating to the repair and maintenance of vessels on the boatyard.

HMB Marina reserves the right to charge an additional fee to clean sub-standard work sites.

Appropriate control measures must be taken to ensure activities such as sanding, scraping and painting do not pollute the land, sea or air with particles, dust or fumes.

Dry sanding methods for the removal of antifoul paint are prohibited on this boatyard.

Wet sanding of antifoul paints is permitted under the following conditions. All hoses should have a flow control gun attached to ensure minimal contaminated water flow across the yard. A containment boom, berm or dyke should be set up downstream to capture contaminated waste. (Containment booms are available from Customer Services). The wet sanding residue must be swept or vacuumed and disposed of properly. Under no circumstances is antifoul residue to be washed into storm water drains.

Removal of bottom paint by scraping must be carried out over a drop cloth or tarpaulin. Consideration should be given to using vacuum assisted scraping systems. Scraping during windy conditions is not permitted.

Whenever possible use vacuum sanding systems to collect sanding dust as it is created. Dust should not be allowed to become wind-borne or otherwise leave the work site.

Due to environmental considerations and noise restrictions abrasive blasting including sand and grit blasting is not permitted on this boatyard.

All spray painting activities on the boatyard must be authorised by Marina staff prior to commencement. Precautions must be taken including adequate drop sheets to protect adjacent vessels and suitable weather conditions prevailing at the time of spray painting. Spray painting inside the mobile shed is not permitted.

All materials such as fuels, oils, cleaners and paints must be handled correctly, stored safely and with care to prevent pollution. The containment of waste oil and other hydrocarbons on the boatyard is essential. Use large drip trays and oil absorbent pads to contain and control any spills.

Removal or offloading significant quantities of hazardous liquids such as onboard fuel shall only be carried out by an approved contractor. Storage of hazardous liquid wastes without secondary containment on the work site is prohibited.

Due to environmental considerations refuelling any vessel on the Boatyard is prohibited.

HMB Marina has a comprehensive Emergency Spill Response Plan and equipment to clean up spills onsite. In the event of a spill contact the Marina for assistance.

The Boatyard has a Recycle Centre located at the entrance to the Boatyard. We encourage our Boatyard Customers and Contractors to re-use and recycle whenever possible.

## Emergency Services

Fire	
Ambulance	
Police	111
Howick Fire Station	(09) 534 6601
Howick Police Station	(09) 534 8210
Maritime Police	(09) 357 3470
Marina Medical Centre	(09) 534 5414
National Poisons Centre	0800 764 766
Marina Security (24hrs)	021 867 728 VHF Channel 73
Pollution Control Hotline	(09) 377 3107
Harbourmaster	(09) 362 0397
Coastguard	(09) 303 1303
Auckland Council	(09) 301 0101
Fuel Jetty Issues	Refer HMB

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## Boatyard Best Management Practices

# Best Management Practices

Best Management Practices (BMP's) are all about employing "good housekeeping" measures whilst working on boats on the hardstand.

Half Moon Bay Marina has been working closely with the Auckland Regional Council in developing guidelines for managing risks from boat maintenance activities.

The aim is to minimise the effects on the environment and where possible stop pollution at the source by implementing strategies, source control initiatives and treatment options.

## Stop Pollution at the Source!

Maintenance activities on boatyards are potential sources of a wide range of pollutants that may enter the estuary if not controlled.

All persons working on the boatyard have a personal responsibility to ensure appropriate measures are taken to minimise these effects at all times.

Half Moon Bay Marina management has researched a number of simple control measures that can be easily implemented which will greatly reduce pollutants from entering the marine environment. The focus has been containment and capture of contaminants at the source before they get windblown around the yard and enter the waterways.



**All persons must take responsibility for keeping pollutants out of the waterways**

**Best Management Practices will assist in protecting our natural resources**

## Antifoul Paints

Antifouling paints and their residues contain heavy metals, such as copper, that are toxic to marine life. If not properly controlled Antifouling paints impact the environment when they are removed through scraping and wet sanding.



### Environmental Hazards

Toxic to aquatic organisms. Do not contaminate water. Do not apply directly to water by cleaning equipment or disposal of wastes. Do not allow chips or dust generated during paint removal to enter water

## Wet Sanding Antifoul

When wet sanding on the boatyard we encourage the use of containment booms. These booms are simple and effective control measures and are available through our Customer Services office.



## Scraping Boat Hulls

We encourage the use of vacuum assisted scrapers when scraping antifoul paints from boat hulls. Simply attach the scraper to your vacuum and capture all the contaminants at the source!



A limited number of Vacuum Scrapers are available from Customer Services.

Alternatively the area must be contained through the use of drop sheets and tarpaulins.

## Warning

Do not tie off drops sheets and tarpaulins to boat stands as these may be dislodged in wind gusts causing the boat to topple.



## Vacuum Sanders

Use vacuum sanders to remove paint from hulls and collect paint dust. This new technology is effective at capturing paint dust during sanding. Immediate capture prevents paint dust from entering the surface water, makes cleaning up the work area easier, and increases the speed with which a boat bottom can be completely sanded.

**Do not allow hazardous wastes from your boat maintenance activities enter the marine environment**



**Please dispose of your wastes responsibly so we can all continue to enjoy our magical Hauraki Gulf**

All persons working on the boatyard have a responsibility to ensure wastes generated during maintenance activities do not pollute the environment.

Regular attention to sweeping or vacuuming the work area and collecting and disposing of the waste properly greatly decreases the amount of pollutants that are available to enter the receiving waters.

Once material generated during maintenance activities is properly collected, it must then be disposed of properly. Covered waste bins are located throughout the boatyard for customer use, please ensure that these bins are not overloaded and the lids are closed to prevent contaminants leaching out during long periods of rain.



## Environmental Management Plan

The boatyard is constantly monitored to ensure compliance with the Environmental Management Plan (EMP). The purpose of the EMP is to self regulate and audit our boatyard operations to minimise our effects on the environment.

## Vacuum Sweeper

The boatyard shall be regularly swept with an industrial vacuum sweeper to remove contaminants. If you see an area that requires attention please advise Customer Services.



**Working together we can make a difference**

**HALF MOON BAY marina**