

## BEST MANAGEMENT PRACTICES – July 2021

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

Tauranga Marina Society has been working closely with the Bay of Plenty 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.

### **Contractors - are you inducted? – Compulsory**

### **Boat Owners - are you inducted? - Highly Recommended**

### **Everybody - Stop Pollution at the Source**

Maintenance activities on boatyards are potential sources of a wide range of pollutants that may enter the harbour 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.

Tauranga Marina Society management have 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 harbour.

**ALL PERSONS MUST TAKE RESPONSIBILITY FOR  
KEEPING POLLUTANTS OUT OF THE WATERWAYS!**

### **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 by applying directly to water to clean equipment or disposal of wastes. Do not allow chips or dust generated during paint removal to enter water.

## Wet Sanding Antifoul

When wet sanding make sure all the area is washed down properly on completion. Contaminants are drained off into the approved environmental waste system. See Marina Manager for details if required.

## Scraping Boat Hulls

The affected area must be contained through the use of drop sheets, tarpaulins or better still the hull below water line should be completely tented off using clear plastic sheeting. Care should be taken that all antifoul (scraping & dust) is collected and disposed of correctly.

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

## Spillage

All paint pots and trays to be in a secondary container in case of spillage.

## Vacuum Sanders

All dry sanding is to be done with vacuum sanders only.

Hand sanding is acceptable providing dust is minimal.

The term 'vacuum sander' means a large vacuum attached to the sander you are using. Simple bag sanders are not adequate.

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

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 marina 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.

## Marina Management Plan

The boatyard is constantly monitored to ensure compliance with the Marina Management Plan. The purpose of the management plan is to self-regulate and audit our boatyard operations to minimise our effects of 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 the Boatyard Manager.

## Boatyard Best Management Practices

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

We require our contractors to be inducted onto the Marina & Hardstand area and are aware of their environmental responsibilities specifically relating to the repair and maintenance of vessels on the boatyard.

Tauranga 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. The wet sanding residue should make its way into the slot drains and into the environmental filter systems. Residual scrapings and dust must be swept or vacuumed and disposed of properly. Under no circumstances is antifoul residue to be washed into the marina.

Removal of anti-fouling by scraping must be carried out in a controlled environment. Consideration should be given to tent the underwater area of the boat, trapping all the removed material within the tent. Scraping during windy conditions is not permitted.

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

Any sort of abrasive blasting (Garnet & Soda) is not permitted without the consent of the Marina Manager and is at the sole discretion of the Marina Manager.

All spray painting activities on the boatyard must be authorised by the Marina Manager 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. The applicator must be consented, insured and licensed by the Tauranga Marina to spray paint.

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 on-board fuel shall only be carried out by an approved contractor. Storage of hazardous liquid wastes without secondary containment on the work site is prohibited.

Unwanted solvents, bilge water, anti-freeze, paint must be taken off site and can be disposed of at Maleme Street Dump Station – in containers up to 20 litres max. For larger quantities or commercial operations please contact Transpacific Technical Services.

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

Tauranga Marina has an Emergency Spill Response Plan and equipment to clean up spills on site. In the event of a spill contact the marina office for assistance.

## NO JANDALS OR SANDALS TO BE WORN



Appropriate closed shoes must be worn at all times while working on the hardstand

### NO EXCEPTIONS

You will be asked to stop working until closed shoes are worn

## NO FUEL TANKERS PERMITTED ON SITE



## EMERGENCY SERVICES

### Fire / Ambulance / Police 1 1 1

Marina Office	07 578 8747
National Poisons Centre	0800 764 766
BOP Regional Council	
Pollution Hotline	0800 884 883
Duty Harbourmaster	0800 556 687
Tauranga Coastguard	07 578 5579
DOC Emergency Hotline	0800 362 468

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