



ENVIRONMENTAL POLICY

Background

- a. The Fremantle Sailing Club (FSC) is a progressive Club that continually redevelops its facilities to ensure they are the finest available. This includes a high standard of environmental management.
- b. Recreational boating facilities and services are not, in themselves, a significant source of pollution, however effective and practical management procedures will mitigate any harmful effects.
- c. FSC has implemented an Environmental Management Plan to ensure:
 - i. A Business Improvement Plan provides an effective framework for continual improvement to prevent pollution and environmental impacts directly or indirectly related to the operation of the marina. New developments and improvements are also assessed for environmental impact early in their development. Regular audits and management reviews are conducted to monitor the effectiveness and suitability of the system.
 - ii. All current and relevant environmental legislation and regulations are complied with or exceeded and, where no appropriate regulations exist, adopts appropriate responsible standards.
 - iii. All procedures are monitored to ensure there is an efficient use of natural resources and energy and a safe and responsible disposal of all residual wastes wherever possible.
 - iv. A risk management plan is put in place to allocate priority settings to determine any actions required.
 - v. All aspects of the business are run in such a manner as to minimise and handle any incidents and emergencies should they occur.
- d. Management fully endorse this Environmental Management Plan and it is the responsibility of all employees to ensure it is understood and maintained at all levels within the Club.

Overview

- a. Location

The Fremantle Sailing Club is located at 151 Marine Terrace, Fremantle. The club's marina system forms part of the Fremantle Harbour Precinct which is under the control of the City of Fremantle.
- b. Ecology

There are no listed flora or vegetation communities at the FSC, the land on which the club is located is partially reclaimed land, as the surrounding land has been redeveloped there are no standing areas of flora that are of environmental significance.
- c. Vessel Accommodation

The club's jetty system was built in 1979, it houses some 677 boats and is overseen by a small team who monitor maintenance and compliance with the clubs rules. All vessels within the marina are owned by members, there are no commercially operated boats allowed within the marina.
- d. Boat Maintenance

The Club has an extensive works area, this area is monitored regularly to ensure that our environmental obligations are met. The area utilises water filtration and recycling and is monitored by Curtin University as part of their ongoing studies of the area.

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e. Water Quality

The marina is affected by the tidal and swell movement due to the pervious nature of the clubs outer seawall. The effect is that the marina water is extremely good quality and this is evident by the sea life found within including sea horse, dolphins and a large amount of small fish.

f. Works Area Recycling

The Works area has a dedicated storage area for the collection of waste that may cause environmental damage if disposed of incorrectly. Waste collected in this area includes;

- i. Oil filters
- ii. Waste oil
- iii. Batteries
- iv. Bilge water
- v. Coolant

g. Infrastructure

An aerial view of the FSC infrastructure and surrounding areas is shown on Appendix A.

Risk Management

a. The areas of concern for the FSC marina have been identified as;

- i. Hydrocarbon Spills
- ii. Sullage & Sewerage
- iii. Waste management
- iv. Chemical control
- v. Noise
- vi. Air quality

b. A risk and strategy solution has been constructed to determine the actions to be undertaken if an incident should occur.

c. Hydrocarbon Spill

Risk	Pollution of the marina waters from contaminated bilge water	
Objective	No hydrocarbons to be discharged into the marina	
	Steps	
Strategy Options	Equipment & Practices	<ul style="list-style-type: none"> • Mandatory requirements for mitigation device to be utilised including hydrocarbon absorbing pads. • Provide information and training to members and contractors on the impact of accidental discharge and provide information on where to dispose of Hydrocarbon waste.
	Contingency Plan	<ul style="list-style-type: none"> • Non compliance shall result in disciplinary actions.
	Reporting of Incidents	<ul style="list-style-type: none"> • Non compliance to be reported to the General Manager.

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Risk	Pollution of the marina waters from hydrocarbon spillage whilst refuelling.	
Objective	No hydrocarbons to be discharged into the marina	
	Steps	
Strategy Options	Equipment & Practices	<ul style="list-style-type: none"> No filling of fuel tanks is to occur within the FSC marina other than the dedicated fuelling wharf. A training induction is mandatory prior to receiving fuel cards which must be used to access fuel. Emergency spill kits are located at various locations around FSC including the Works Area and the Collector Jetty.
	Contingency Plan	<ul style="list-style-type: none"> Non compliance shall result in disciplinary actions.
	Reporting of Incidents	<ul style="list-style-type: none"> Non compliance to be reported to the General Manager Major spill shall be reported to the Harbour Master

Note 1 – a major spill shall be defined as any clearly visible slick covering an area of more than 200 square metres (20 x 20m or equivalent).

d. Sullage & Sewerage

Risk	Pollution of the marina waters from sullage and sewerage	
Objective	No waste water to be discharged into the marina	
	Steps	
Strategy Options	Equipment & Practices	<ul style="list-style-type: none"> Sewerage and sullage shall be pumped from boats through the FSC marina facility located near the fuel jetty, this facility is free of charge. Provide information and training to members on the impact of accidental discharge and provide information on where to dispose of sullage and sewerage waste.
	Contingency Plan	<ul style="list-style-type: none"> Non compliance shall result in disciplinary actions.
	Reporting of Incidents	<ul style="list-style-type: none"> Non compliance to be reported to the General Manager.

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e. Waste Management

Risk	Pollution of the marina waters from general waste	
Objective	No general waste into the marina	
	Steps	
Strategy Options	Equipment & Practices	<ul style="list-style-type: none"> • Provide sufficient equipment for the deposit of general waste • No general waste facilities are to be provided over water within the marina.
	Contingency Plan	<ul style="list-style-type: none"> • Non compliance shall result in disciplinary actions.
	Reporting of Incidents	<ul style="list-style-type: none"> • Non compliance to be reported to the General Manager.

f. Chemical Control

Risk	Contamination of environment from hazardous or dangerous chemicals	
Objective	No contaminate to enter into the marina	
	Steps	
Strategy Options	Equipment & Practices	<ul style="list-style-type: none"> • Provide locked storage cabinet for all hazardous chemicals • Provide up-to-date Material Safety Data Sheets (MSDS) for all chemicals available on site.
	Reporting of Incidents	<ul style="list-style-type: none"> • All significant spill incidents are to be reported to the General Manager.

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g. Noise

Risk	Noise pollution causing a nuisance to neighbouring members	
Objective	Noise to be kept at a level that will not pose a health risk or raise a member complaint	
	Steps	
Strategy Options	Equipment & Practices	<ul style="list-style-type: none"> All noise generated is to comply with Environmental Protection (noise) Regulations 1997.
	Contingency Plan	<ul style="list-style-type: none"> If a noise complaint is received, the General Manager or Senior staff member is to investigate and ask for noise to be reduced to acceptable levels.
	Reporting of Incidents	<ul style="list-style-type: none"> Non compliance to be reported to the General Manager.

h. Air & Water Quality

Risk	Contamination of the environment due to work on vessels in the marina and/or Works area – boat maintenance	
Objective	Prevent contamination of the marina and air quality	
	Steps	
Strategy Options	Equipment & Practices	<ul style="list-style-type: none"> No works to be conducted on vessels that may cause contamination to localised air or water, work conducted in the Works area is limited by wind speed. Spray barriers and painting sheds are provided if and when required.
	Contingency Plan	<ul style="list-style-type: none"> Non compliance shall result in disciplinary actions.
	Reporting of Incidents	<ul style="list-style-type: none"> Non compliance to be reported to the General Manager.

Communication and Education

a. Communications

- i. Copies of the Environmental Management Plan shall be available to all members, the document will be posted on the members' section of the Club's website, circulated via links and communicated directly to all pen holders.
- ii. All new marina lease holders shall receive a copy (either electronic or hardcopy) of the Environmental Management Plan.
- iii. All Management Committee will agree to and assist in enforcement of the Environmental Management Plan.

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b. Training

Training on the relative equipment shall be conducted by the Harbour Master on a regular basis so that all current and new marina lease holders are aware of the policy and the location of the necessary equipment.

Monitoring

- a. Monitoring is undertaken on an ongoing basis in order to assess the effectiveness of the Environmental Management Plan. This policy outlines frequency and responsibility for the monitoring of the Club's systems. These reports shall be collated and available if incidents are reported.

Requirement	Frequency	Responsibility	Reference
Site Inspections	Monthly	General Manager	Site Inspection Sheet
Incidents	As required	General Manager	Environmental Incident Form
Training	Biannually for Staff	General Manager	Part of Induction
Review	Annually	General Manager	Review Policy for currency

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