



23 October 2006

Rose Bay and Point Piper Marinas

FACILITIES AND WASTE MANAGEMENT PLAN

Advanced Marina Management Pty Ltd is a consultancy firm working with marina owners to operate, manage, design and evaluate marina facilities. Please see our website for full company details, www.AdvancedMM.com.au.

Addenbrooke Pty Ltd has engaged **Advanced Marina Management Pty Ltd** to review the current facilities and waste management and provide an ongoing facilities and waste management plan under the Rose Bay and Point Piper Marinas proposed redevelopment and redistribution of boat storage facilities.

At **Rose Bay Marina** the current customer amenity facilities (toilets and showers etc) prove to be efficient and satisfactory and will continue to be adequate after the proposed redistribution of boat storage.

The waste management at this site however will undergo some streamlining to include:

- The relocation of waste storage, from the foreshore to a suitable basement storeroom within in the existing building, the storeroom will hold the majority of bins approximately 20 x 240 litre Wheelie bins. The hardstand will have a small amount of bins approximately 2 to 3 (240 litre) recyclable glass, recyclable paper & general rubbish for day to day customer waste to be deposited.
- These 2 to 3 hardstand bins (depending on season) are rotated with remaining 17 bins on a daily basis (365 days a year), by Marina staff.
- Arrangements with the existing commercial waste collector so that collection of waste occurs only at appointed times, and to have no impact on the surrounding neighbourhood.
- Waste collection by a qualified commercial waste collector will be scheduled for twice a week and on an "as required" agreement.
- The bins will only be located outside the complex during the process of collection.
- It will be the responsibility of marina staff and the after hours security management to organise placement and immediate return of bins for collection at appointed times.
- The continuation of recycled waste will be improved where possible.

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At **Point Piper Marina** the current customer amenity facilities plus the waste management arrangements currently prove to be adequate.

These current configurations and methods will be satisfactory after the proposed redistribution of boat storage, with the following methods preformed:

The collection of waste will be streamlined so that it occurs at appointed times and has no impact on the surrounding neighbourhood.

Strict adherence to the daily basis of rotating customer bins on display with fresh bins in storage.

Additionally the continuation of recycled waste will be improved where possible.

It will be the responsibility of the marina staff and the after hours security management to organise placement and immediate return of bins for collection at an appointed time.



In addition, new boats are now designed and built to meet strict pollution and noise standards, impacting on the amount of waste generated from each new vessel.

New boat design and building rules include: waste holding tanks, garbage disposal units, generator and engine insulation.

In conclusion:

With the redistribution of boat storage resulting in some larger vessels berthed on the marinas and approximately 35 less vessels moored in the bay, it is expected that the waste load will remain the same as it is currently.

Therefore, the Point Piper Marina waste management plan adhered to will remain adequate.

The new waste management plan for Rose Bay Marina outlined above will easily cater for any unanticipated increases in the amount of waste.

Marina Management will continue to monitor, review and update the waste management strategy where and when necessary.