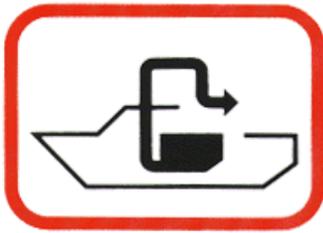


Sewage management



Keep our waters clean

Use Pump Out's

Pump it – don't dump it!

Untreated sewage can seriously degrade our water quality. When sewage is dumped into a harbour, lake, stream, or other surface water, there is a potential for disease-causing pathogens to enter the water. These pathogens pose a risk to swimmers, anglers, and other people coming into direct contact with the water. The discharge of untreated sewage from boats contributes to the degradation of surface waters by introducing organisms, which can cause human illness and diseases such as gastroenteritis, hepatitis, typhoid, cholera and dysentery. Not only is there a risk to humans, there is a risk to fish and other aquatic life.

As sewage breaks down in the aquatic environment, the bacteria that feed upon the sewage consume large amounts of oxygen from the water column. This in turn reduces the amount of oxygen available for fish. Additionally, there are a number of chemical additives that are used in marine sanitary devices that can be of concern. You, as a boater, can be an active steward of this valuable resource by implementing these simple practices:

How to manage sewage on your boat to keep our waters clean

- Please don't discharge boat sewage in enclosed waters
- Before heading out on the water for the day use the onshore restrooms

Plan ahead where to discharge safely

- Fit a holding tank
- Use pump out facilities where provided (see www.cleanboating.org.nz for a list of pump out facilities)
- If you have to empty your holding tank at sea, make sure you're well offshore & underway

If you have no holding tank – think before you flush!

Avoid discharges when:

- In enclosed water
- Close to shore
- Near other boats, swimmers or other people using the water
- Near marine farms

To discharge sewage you must be more than:

- 500 metres from shore and in water over 5 metres deep
- 500 metres from a marine farm
- 500 metres from a customary fishing reserve (mataitai)
- 200 metres from a marine reserve

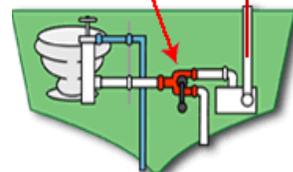
Check your regional coastal plan for any further restrictions, think before you flush!

Pump-Out Station



'Y' valve must be directed to a MSD, not overboard

Drainage to pump-out station



Typical Marine Sanitation Device