

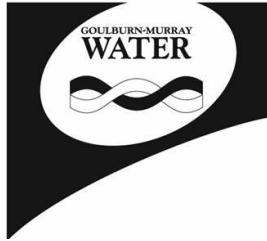
# **LAKE EILDON**

## **Houseboats**

### **CB Licence Agreement and Operational Rules**

#### **Houseboat Licence Number CB**

**Effective 1 August 2003**



## Goulburn-Murray Rural Water Corporation

### HOUSEBOAT LICENCE AGREEMENT

The Goulburn-Murray Rural Water Corporation will upon receipt of this signed document, authorise:

Name:

Address:

**CRUISER BOAT LICENCE NUMBER: CB"[CB number]"**

To operate the houseboat Registered as ..... on Lake Eildon in accordance with the 'Water (Lake Eildon Recreational Area) (Houseboats) Regulations 2003' and By-Law No. 7 Recreational Areas.

This Goulburn-Murray Water agreement will remain in place while a valid annual licence is held in the above name. The annual licence is validated upon receipt of the annual fees and attachment to the front houseboat window of the adhesive transfer (denoting a licence for the current year has been issued).

This licence agreement will only be issued to a registered vessel and must be in the name of the registered vessel operator.

This licence agreement and operating rules apply and are operative from 1 August 2003.

I, operator of houseboat registered number ..... have read and understand the licence agreement conditions and will inform passengers or other operators of this vessel of their obligations under this agreement.

Full name of operator .....

Address of operator .....

Operators signature .....

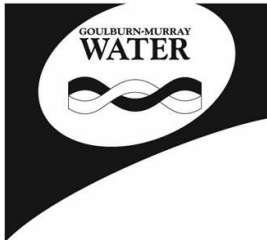
Date     /     /

G-MW Authorising Officer.....

Date     /     /

**Water taken directly from Lake Eildon is not fit for any use which may involve human consumption, directly or indirectly, without first being properly treated.**

**Customer Copy**



# Goulburn-Murray Rural Water Corporation

## HOUSEBOAT LICENCE AGREEMENT

**The Goulburn-Murray Rural Water Corporation will upon receipt of this signed document, authorise:**

Name:

Address:

**CRUISER BOAT LICENCE NUMBER: CB"[CB number]"**

To operate the houseboat Registered as ..... on Lake Eildon in accordance with the 'Water (Lake Eildon Recreational Area) (Houseboats) Regulations 2003' and By-Law No. 7 Recreational Areas.

This Goulburn-Murray Water agreement will remain in place while a valid annual licence is held in the above name. The annual licence is validated upon receipt of the annual fees and attachment to the front houseboat window of the adhesive transfer (denoting a licence for the current year has been issued).

This licence agreement will only be issued to a registered vessel and must be in the name of the registered vessel operator.

This licence agreement and operating rules apply and are operative from 1 August 2003.

I, operator of houseboat registered number ..... have read and understand the licence agreement conditions and will inform passengers or other operators of this vessel of their obligations under this agreement.

Full name of operator .....

Address of operator .....

Operator signature .....

Date / /

Authorising Officer .....

Date / /

**Water taken directly from Lake Eildon is not fit for any use which may involve human consumption, directly or indirectly, without first being properly treated.**

## **Background**

Goulburn-Murray Rural Water Corporation (G-MW) is responsible for the management of Bulk Water Services assets, the delivery of bulk water services, irrigation water, domestic and stock supplies and drainage services throughout 68,000sq kilometres in Northern Victoria and is Victoria's Constructing Authority for the Murray-Darling Basin Commission. G-MW also undertakes a number of natural resource management activities for government related to salinity, water quality and water resource management.

This document is aimed at assisting Goulburn–Murray Water (G-MW) and houseboat owners in developing and implementing sustainable water use and house boating practices at Lake Eildon.

Policy rules and guidelines have been developed in regard to houseboat activities on the lake that address potential environmental public health and safety impacts that need to be carefully and co-operatively managed.

The importance of continuous improvement in regard to environmental and catchment management, both within and adjacent to Lake Eildon, requires that management, key stakeholders, users and the community develop an intimate understanding of the Lake and surrounding lands environment and bio-diversity.

## **The Environment and Risk Management**

In March 1999 the Board of G-MW endorsed an Environmental Policy. The purpose of the policy was to set a strategic direction for G-MW's use and management of the environment and to document the principles to guide and improve environmental performance.

The objectives of the policy included establishing a framework for action and the setting of environmental targets and goals, and codifying a commitment to continuous improvement in environmental performance. Therefore, the establishment of partnerships to develop, implement and manage a range of agreed initiatives is vital to the successful implementation of environmental risk reduction programs.

Environmental protection and enhancement will therefore be a prime consideration in evaluating the future use of the Lake and its environs for house boating and recreational purposes, the development and maintenance of recreational facilities, of lease tenure and governance.

The operating rules and licence conditions have also been developed to ensure a common understanding of G-MW's position in relation to standards of design, construction, installation and maintenance at houseboats at Lake Eildon.

It is imperative that houseboat activities do not threaten the ecological sustainability of Lake Eildon and do not affect the water quality adversely.

## **Good Governance and Risk Management**

The houseboat owners should recognize that there is a need for good governance including enhanced self management in accordance with this licence agreement, operating rules, by-laws and regulations.

Houseboat owners need to promote to their families and friends the safe use of the houseboat with respect to all activities that occur thereon and should actively promote the safe use of water for consumption and the safe use of swimming and boating areas.

## Additional Provisions

The following additional provisions apply to the users of houseboats on Lake Eildon:

- *Water (Lake Eildon Recreational Areas)(Houseboats) Regulations 2003* (attachment 1);
- *G-MW By-law No7 Water Act 1989—Recreational Areas* (attachment 2);
- G-MW Storage Management Policies applicable to houseboats (as approved from time to time and advised to houseboat owners);
- *Environment Protection Act 1970*; and
- Relevant State and Local Government Acts and regulations.

## Application

The licence conditions and operating rules are made by G-MW and apply to houseboat standards and construction and houseboat owners.

The rules and licence conditions apply and are operative from the 1 July 2003.

## Acts and Regulations

Houseboats are restricted to Lake Eildon and are licensed to operate in accordance with the “***Water (Lake Eildon Recreational Area) (Houseboats) Regulations 2003***” (The Houseboat Regulations).

***The Water Act 1989*** is the relevant Act for the purposes of authorizing the making of these regulations.

Houseboat owners are also required to comply with the relevant clauses of ***By-Law No. 7 Recreational Areas*** for activities not covered by the Houseboat Regulations

Houseboats must be registered with Vic Roads and comply with all the relevant boating regulations.

## Houseboats on Lake Eildon

There are approximately 700 private houseboats on Lake Eildon and a person cannot bring a new or used houseboat onto the lake without first submitting an application in the form of The Houseboat Regulations, schedule 1, and a licence being issued by the Authority. There is no current plan by G-MW to increase the number of licensed houseboats on the Lake.

The operation of houseboats is closely monitored by staff at Eildon and Tatura to ensure compliance of licence conditions and regulations.

## Water Quality

While the issue of sewerage removal had been addressed back in 1970, sullage disposal directly into the lake is still universal. The Authority has been actively seeking ways to address the issue of sullage disposal.

Since 2003 G-MW has been advising houseboat owners that in the future a sullage containment or treatment system will need to be installed on every houseboat.

Greywater is water that has been used for washing, laundering, bathing or showering, but not for toilet flushing. This includes water containing dissolved or undissolved by-products such as fat and oil, food scraps that contain nutrients, household chemicals, soaps and detergents rich in phosphate, nitrates and biological pathogens (eg bacteria and viruses).

With the introduction of *AS4995-2009 Greywater treatment for vessels operated on inland waters* by Standards Australia in September 2009, and the commercial availability of treatment units

which can meet the discharge standards specified in AS4995-2009, G-MW will initiate implementation of on-board grey water treatment for Eildon houseboats.

The first stage of implementation will be the compulsory fitting of treatment units or installation of full containment of grey water to all new houseboats from 1 September 2010. This requirement will not apply, at this stage to boats under construction with plans already approved; however G-MW would encourage boat builders to discuss with their clients the potential to fit the units into boats currently being constructed rather than the owners having to retrofit them at a later stage. G-MW in consultation with industry and users will develop a proposal to phase in the introduction of greywater treatment systems for all existing private and hire houseboats.

EPA South Australia, who is responsible for management of houseboats on the SA section of the Murray River, has already introduced greywater management requirements for houseboats on their inland waters. From 1 January 2009, all newly constructed vessels were required to have grey water treatment systems or full containment. Compliance of hire vessels was required from 1 January 2010 with all other vessels to comply by 1 January 2011.

The NSW Maritime Authority administers the Marine Pollution Regulation 2006 which applies to NSW Waters. This regulation contains specific provisions, including a requirement for all commercial vessels built after 1 January 2005 and used on the Murray River or Sydney Harbour to be fitted with greywater containment tanks.

The NSW Maritime Authority has recently indicated that due to recent advancements in greywater treatment technology and changes to legislative requirements in South Australia, they would be receptive towards discussions with the EPA in reviewing the existing regulations to include greywater treatment options.

G-MW will not endorse, approve or recommend any particular make of treatment unit. From 1 September 2010 G-MW will only approve new houseboats to operate on Lake Eildon with full sillage containment or treatment units which can meet the minimum discharge criteria for treated greywater specified in AS4995-2009, namely:

Suspended solids to be less than 50 mg/L.  
Total grease content shall be less than 25 mg/L.  
Total nitrogen content shall be less than 10 mg/L.  
Total phosphorus content shall be less than 1 mg/L.  
Enterococci concentration shall be less than 40 cells per 100 m/L.  
E. coli concentration shall be less than 100 cells per 100 m/L.  
BOD5 shall be reduced by digestion, oxidation or other recognised treatment method.

Recognised systems which currently meet this discharge standard are listed with the Boating Industry of South Australia. For more information you can visit [www.boatingsa.com.au](http://www.boatingsa.com.au)

### **Size of Houseboats**

The maximum size for a houseboat allowed on Lake Eildon is 13.7 metres in length and 5.48 metres in width.

The duckboard will not be included in this provided it complies with the following guidelines;

1. must be a clear extension and not part of the structure of the houseboat;
2. may be hinged, bolted or welded to the houseboat, with the exception of Category 1 licensed boats which must be hinged and therefore removable;
3. may be fixed to the front or rear of the houseboat, (there is a limit of one duckboard per houseboat);
4. must be no longer than 1.5 metres;
5. may be equal to, or less than, the width of the houseboat, including the walkway;  
and
6. (As defined), will not be included in the overall length of the houseboat.

Walkways are not included in the width measurement and may be up to a maximum of 300 mm on both sides and the full length of the boat. They may be level with the deck of the houseboat, welded, hinged or hydraulic.

The ski platform is not included in the measurement for the maximum size of a houseboat but must comply with the following guidelines;

1. May be fixed to either the port or starboard side of the houseboat, (there is a limit of one ski platform per houseboat);
2. Must be hinged and detachable so as not to be a permanent fixture to the houseboat;
3. Has a maximum width of 500 mm from the pontoon to the outer edge of the ski platform.
4. Has a maximum length of 6000 mm.
5. (As defined), will not be included in the overall width of the houseboat.

## **Mooring**

All houseboats must have a mooring at one of the designated and approved marinas currently operating on the Lake. The mooring of houseboats around the shoreline is permitted for recreational purposes but owners will be required to move around to avoid long-term impacts on water quality from recreational activities associated with houseboat activities.

Houseboats must ensure that they do not moor close to diversion pumps used by adjacent landowners for stock and domestic water. This is clearly a health issue.

## **Compulsory Slipping**

All houseboats will be progressively slipped at the request of G-MW for an inspection of the sewerage system and general condition.

Houseboat owners may organize their own slipping inspection with a G-MW approved inspector when they slip their houseboat for maintenance or repairs. This will avoid having to undergo a costly slip to comply with G-MW's slipping program. A list of competent persons (inspectors) and forms are available from G-MW's Lake Eildon Office.

Houseboats with identified problems will not be permitted to return to the Lake without making the necessary repairs or modifications.

The intent of the slipping program is to have all houseboats slipped every five to seven years.

## **Boat Renovations**

Any structural alterations or sewerage system alterations must have prior approval from G-MW before works commence. Alterations to sewerage installations must also comply with the specifications set out in schedule 2 of the Houseboat Regulations.

All boat maintenance must be carried out in a manner which prevents waste material entering the lake. Boat owners should consult with their marina operator regarding containment requirements.

## **Licence and Licence Fee**

Houseboat licenses are issued annually and the payment of the houseboat licence fee constitutes an acceptance of the offer of a one year licence.

Licenses are re-issued annually and remain in the full ownership of G-MW. However, G-MW will allow the transfer of a licence when the licensed houseboat is sold. As a requirement of the Houseboat Regulations, the licence must remain with an approved houseboat.

For a newly constructed houseboat to be licenced to operate on Lake Eildon, an existing houseboat must be removed and the licence transferred to the new houseboat. A new licence number will be issued.

## **Constructing a New Houseboat**

Approval must be obtained from G-MW prior to the construction of any new houseboat.

As the total number of licenses will not be increased for Lake Eildon, a houseboat owner or builder must remove a licensed houseboat from the Lake Eildon Recreational Area in order to replace it. A houseboat may need a number of inspections during construction prior to final inspection and approval for operation on the Lake.

Fees for the inspection of the plans and on-site inspections apply and must be paid in full before a final approval and issue of a houseboat licence.

## **Transferring a Houseboat Licence**

On the condition that a houseboat owner has fully paid the relevant houseboat licence fee, approval will be given to transfer a houseboat licence following the sale of that houseboat to a new owner. Completion of the licence transfer will also require the new owner to complete a licence agreement.

A houseboat licence transfer application form can be obtained by contacting G-MW's Eildon Office on 03 5770 8100.

## **Sanitation Stations**

Sanitation Stations are located at both Jerusalem Creek and Point Worner for use by houseboat owners. The cost of the operation of the Sanitation Stations, transfer barge and Point Worner sewerage lagoons are included in the annual licence fee.

Care must be taken to ensure that the pumps are operated as per Sanitation Station operational guidelines and these must be observed at all times.

There are private pump-out facilities located at Howqua which may be used by Houseboat owners. Charges may be levied by the private operators.

**CAUTION: Always wear Personal Protective Equipment (eg. gloves & eye protection) when using Sanitation Station pump out equipment.**

**The operation procedures for the Sanitation Stations are detailed in Appendix 1:**

## **Mooring To G-MW Sanitation Stations**

Mooring ropes with and without loops have been fitted to most Sanitation Station bollards although these ropes are frequently cut. (Recommend to supply own mooring ropes to ease mooring difficulties)

Boat operators need to take care when mooring their boats. Here are some simple suggestions for mooring to G-MW Sanitation Barges;

1. When possible moor your boat on the windward side of the barge.
2. Always tie the bow (front) of the boat to the barge first (the stern of the boat can still be controlled by the engine).
3. Always ensure houseboat engine is running before releasing mooring ropes.
4. Always release the stern (back) mooring line first (if the wind gets your boat you then have the engine for control).
5. Passengers should be kept well clear of the side of the boat being moored to the barge and crew involved in tying off mooring ropes should stay clear of the side of the boat until it is stationary. The licensed boat operator is responsible for the safety of all passengers.

## Rubbish

As Lake Eildon reached record low water levels during 2000/01 and 2002/03, a large amount of rubbish was exposed. The predominant volume of rubbish was bottles and cans, some going back a number of years. It was disappointing to find large amounts of houseboat hardware, ranging from fridges, washing machines, handrails and batteries. However, on a more positive note was the amount of current houseboat owners who continue to pick up rubbish from around the foreshore.

Goulburn-Murray Water is continually monitoring rubbish collection at Darlingford Waters Boat Club, Jerusalem Creek Public Ramp, Jerusalem Creek Marina, Eildon Boat Club and Lake Eildon Marina. Goulburn-Murray Water provides Cleanaway bulk bins at all these locations.

Bulk bins will continue to be placed at Eildon Boat Club and Lake Eildon Marina for rubbish coming off houseboats as will the bulk bins at the Jerusalem Creek Marina, Jerusalem Creek Public Ramp and Darlingford Waters Boat Club.

**Should you have batteries, white goods or houseboat construction/renovation materials or waste to dispose of, please consult your marina operator to arrange appropriate disposal.**

### **PENALTIES APPLY FOR ILLEGAL DUMPING OF RUBBISH.**

## Blue-Green Algae

Algae can be a mixed assemblage of very different organisms. They come in many types, one of which is Blue-Green Algae. The two forms of Blue-Green Algae that regularly concern us are *Microcystis aeruginosa* and *Anabaena circinalis*. Healthy water bodies will always contain low levels of algae. Water quality problems occur when there are excessive algae growths. The decomposition of dead algae utilises the oxygen present in the water, and may even result in zero oxygen conditions. This in turn may cause further water quality problems such as:

- Noxious gases
- Fish kills, and death of other aquatic animals
- Release of potent toxins from the Blue Green Algae, creating a hazard to human health.

Algal blooms are caused by a combination of factors. These being:

- An excess of nutrients (both Phosphorus and/or Nitrogen).
- Warm water temperatures (exceeding 20<sup>0</sup>-25<sup>0</sup>C).
- Calm, non-turbulent conditions in the water column, arising from a lack of wind mixing.
- Low turbidity of the water column, allowing sufficient light for photosynthesis.

Goulburn Murray Water uses a national alert system for monitoring algae.

Low Alert	Algal counts of are 500-2,000 cells/ml or where offensive odours or tastes are noticed.
Medium Alert	Algal counts reach 2,000-15,000 cells/ml and the algal species is one that is potentially toxic.
High Alert	Algal counts are in excess of 15,000 cells/ml and the bloom is widespread within the water body. Toxicity testing is performed and users notified of the toxic status and any appropriate action necessary.

G-MW will erect Warning Signs at particular locations of the foreshore when Blue-Green Algae reach High Alert.

## **LAKE EILDON BOAT ZONING MAP (See Appendix 2)**

G-MW has produced a map of Lake Eildon which shows boat zoning and general facilities. Boat zoning on Lake Eildon include the following:

- Open water zones;
- 5 Knots zones;
- No Boat zones; and

- Swimming, No Boat zones.

## Boating Hazards

Water levels and boating conditions at Lake Eildon may vary daily. Standing and floating timber and submerged landforms exist within this storage and can be hazardous to boating.

## Lake Eildon Just Boating Map

A new boating map has been published by Rooftop Mapping Services, with assistance from Goulburn-Murray Water, Parks Victoria and Marine Safety Victoria. The map contains information regarding boat zoning and points of interest around the lake. The back of the map contains useful boating and fishing information as well as an index and GPS references for most natural features on the lake.

Copies of the map are available for purchase from most businesses around the lake.

## Boat Ramps (see Appendix 3)

Public and private boat ramps are positioned at a number of locations around Lake Eildon. These ramps operate at varying lake levels.

## Internet Web Sites of Interest

www.g-mwater.com.au  
 www.marinesafety.vic.gov.au  
 www.cute.com.au/eildon  
 www.lakeeildon.com.au

## G-MW Contacts

### Eildon Office

For advice regarding houseboat license applications, houseboat license transfers, construction permits, slipping program information, houseboat inspection, sanitation barges and general lake use issues contact the Eildon Public Use Management Officers:

Telephone	03 5770 8100
Facsimile	03 5774 2656
Email	<a href="mailto:chrisb@g-mwater.com.au">chrisb@g-mwater.com.au</a> <a href="mailto:laurindab@g-mwater.com.au">laurindab@g-mwater.com.au</a>

For updated daily storage information 03 5770 8128

### Tatura Office

For account inquiries or other G-MW information contact:

Telephone	03 5833 5500
Facsimile	03 5833 5501
Toll Free	1800 013 357
Website:	<a href="http://www.g-mwater.com.au">www.g-mwater.com.au</a>

## Emergency Contacts:

Police	
Ambulance	<b>000</b>
Fire Brigade	

Police:	Alexandra	03 5772 1040
	Eildon	03 5774 2104
	Jamieson	03 5777 0505

Chemist:	Eildon	03 5774 2393
	Alexandra	03 5772 2153

Eildon Clinic	(Dr Ross)	03 5774 2009
---------------	-----------	--------------

<b>Other Services:</b>	Alexandra Hospital	03 5772 0900
	Murrindindi Community Health Service	03 5774 2404
	Alexandra Veterinary Clinic	03 5772 1600
	Eildon Information Centre:	1800 003 713
	Department of Sustainability and Environment	03 5772 0200
	Mansfield Shire	03 5775 8555
	Parks Victoria	13 19 63

**Government:**

**Marine Contacts:**

Anchorage Houseboats P/L	03 5774 2705
Boatworx	0419 306 747
Darlingford Marina	03 5774 2414
Eildon Boat Club	03 5774 2040
Eildon Outboard Service	03 5774 2132
Eildon Service Station	03 5774 2220
Grant Simms Plumbing	0428 576 002
High Country Houseboats	03 5777 3899
Houseboat Sales	0419 476 498
JCR Houseboat Services	03 5774 2277
Jerusalem Creek Harbour	03 5774 2585
Lake Eildon Houseboat Sales	0427 007 907
Lake Eildon Marina	03 5774 2107
Linden Marine	03 5977 3353
Peppin Point Marina	03 5778 7338
Status Luxury Houseboats	03 5774 2400
The Houseboat Factory	0409 321 380
Travis Capp Plumbing	0419 558 803
TLS Plumbing - Greg Lund	0412 549 382

## Appendix 1

### Operation Procedures for Sanitation Stations

**CAUTION: Always wear Personal Protective Equipment (eg. gloves & eye protection) when using Sanitation Station pump out equipment.**

#### Point Worner

1. Confirm that pump-out hose is connected to the water pick up and the ball valve (yellow handle) is open;
2. Push the GREEN pump START button and confirm the hose is primed and pumping water (If the hose is not primed this can be achieved by disconnecting the pump out hose and filling/flushing it with the water hose while the pump is still operational).
3. When the hose is primed, push the RED pump STOP button and close the ball valve (yellow handle).
4. Unlock the pump out hose camlock and lock onto your houseboat camlock.
5. Open the ball valve (yellow handle).
6. Push the GREEN pump START button and houseboat pump-out will commence.
7. Use the Sanitation Station water hose to flush your toilet tank as necessary.
8. On completion of pump-out, push the RED pump STOP button and close the ball valve (yellow handle).
9. Reconnect the pump-out hose to the Sanitation Station hose storage pickup.
10. Open the ball valve (yellow handle).
11. Push the GREEN pump START button and leave the diaphragm pump running (this reprimed the pump & will automatically turn off as it is on a timer).

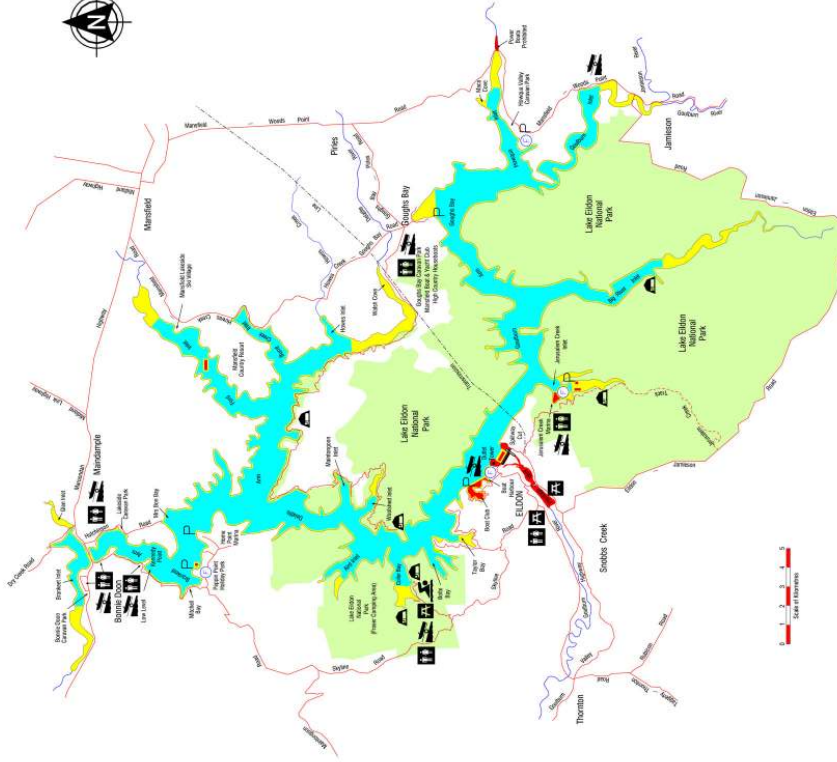
#### Jerusalem Creek

(This Sanitation Station has been modified to operate independently of land based power and sewerage delivery).

1. Confirm that pump-out hose is connected to the water pick up and the ball valve (yellow handle) is open;
2. Push the GREEN pump START button. After a short delay the generator will automatically start.
3. If RED (pump not available) light is on, use another pump.
4. If all 4 RED (pump not available) lights are lit up, the barge will be out of operation. You will need to notify Goulburn-Murray Water 5770 8100
5. After the generator starts, allow a further 20 seconds for the pump to begin pumping.
6. Confirm the hose is primed and pumping water (If the hose is not primed this can be achieved by disconnecting the pump out hose and filling/flushing it with the water hose while the pump is still operational).
7. When the hose is primed, push the RED pump STOP button and close the ball valve (yellow handle).
8. Unlock the pump out hose camlock and lock onto your houseboat camlock.
9. Open the ball valve (yellow handle).
10. Push the GREEN pump START button and houseboat pump-out will commence.
11. Use the Sanitation Station water hose to flush your toilet tank as necessary.
12. On completion of pump-out, push the RED pump STOP button and close the ball valve (yellow handle).
13. Reconnect the pump-out hose to the Sanitation Station hose storage pickup.
14. Open the ball valve (yellow handle).
15. Push the GREEN pump START button and reconfirm the hose is primed and pumping water then push the RED pump STOP button.

**If the lines are properly reprimed at the end of each pump-out the next person using the Sanitation Station should not have a problem priming the pumps. Should any individual diaphragm pumps fail or the generator fail to start, please call Goulburn-Murray Water 5770 8100.**

Download a full version of this image at <http://www.g-mwater.com.au/lakeeildon>



# Lake Eildon

## Facts & Figures

Reservoir Capacity	3,390,000 Megalitres
Area Submerged	13,840 hectares
Catchment Area	3885 square kilometres
<b>Embankment</b>	
Maximum Height	79 metres
Length of Crest	983 metres
Crest Width	9 metres
Volume	10.2 million cubic metres
<b>Outlet Works</b>	
Outlet Pipe Diameter	7.0 metres
Outlet Pipe Length	392 metres
<b>Sailway</b>	
Height	46.0 metres
Main Crest Width	65.5 metres
Spillway Gates (3 No.)	19.96 metres x 6.40 metres

## Map Legend

### Boat Identification

	Stop - No Boats
	Swimming - No Boats
	5 Knots Speed Restriction
	No Wash Zone

**NOTES:**  
 Boat operators must observe anticlockwise direction of travel.  
 Vessels on Lake Eildon must not operate at a speed exceeding 5 knots within 50 metres of the waters edge.  
 The information contained in this map is provided as a guide only and is not intended to be, nor should it be considered as, advice or a warranty of any kind. For more information, please contact your local council and carry the appropriate chart for the lake - April 2006.

Appendix 3

Operating levels for Lake Eildon Boat Ramps #474061

LOCATION	Ramp Top AHD	Ramp Base AHD	Ramp Base Depth Below FSL (M)	OPERATIONAL UNTIL			
				AHD	Depth Below FSL (M)	Depth Below FSL (Feet)	%
<b>Eildon Alliance Ramp</b>							
-High Level Ramp 1	289.00	276.00	12.90	277.00	11.90	39.00	59.30%
-Low Level Ramp 2	281.20	261.00	27.90	262.00	26.90	88.20	26.00%
-Low Level Ramp 3	262.09	253.23	35.67	254.23	34.67	113.71	14.90%
<b>Lake Eildon Marina</b>							
- Point	289.00	273.00	15.90	274.00	14.90	48.90	51.20%
- Inner	289.00	249.80	39.10	250.80	38.10	125.00	11.20%
<b>Point Worner</b>							
- G-MW Ramp	289.00	258.65	30.25	259.65	29.25	95.96	22.20%
<b>Eildon Boat Club</b>							
-Slipway Ramp	289.00	264.00	24.90	265.00	23.90	78.41	31.40%
-No 1 Marina Ramp	289.00	259.90	29.00	260.90	28.00	91.86	24.20%
-Low Level Ramp	259.90	247.20	41.70	248.20	40.70	133.50	8.80%
<b>Jerusalem Creek</b>							
- Public No 1	289.00	271.8	17.10	272.80	16.10	52.82	48.00%
- Public No 2	272.50	247.20	41.70	248.20	40.70	133.53	8.80%
- Marina (Private)	289.00	265.00	23.90	266.00	22.90	75.13	33.00%
<b>Fraser Park (Eildon National Park)</b>							
- Devils Cove	289.00	277.25	11.65	278.25	10.65	34.94	62.00%
- Main Ramp	289.00	268.00	20.90	269.00	19.90	65.28	39.40%
- Lakeside		249.80	39.10	250.80	38.10	125.00	11.20%
<b>Peppin Point</b>							
-Caravan Park - ramp 1	289.00	275.60	13.30	276.60	12.30	40.35	58.20%
-Caravan Park - ramp 2	276.00	267.50	21.40	268.50	20.40	66.92	38.00%
<b>Home Point</b>							
-Slipway	289.00	271.37	17.53	272.37	16.53	54.23	47.00%
<b>Kennedy Point</b>							
-Public No 1 High level	279.00	275.00	13.90	276.00	12.90	42.32	56.00%
-Public No 2 Mid level	275.00	270.00	18.90	271.00	17.90	58.72	43.90%
-Public No 3 Low level	271.00	263.50	25.40	264.50	24.40	80.00	30.40%
<b>Bonnie Doon</b>							
-Public Ramp No 1	289.00	283.8	5.10	284.80	4.10	13.40	84.20%
-Public Ramp No 2	285.00	275.40	13.50	276.40	12.50	41.00	57.60%
<b>Hutchinsons Road</b>							
-Public Ramp	289.00	269.00	19.90	270.00	18.90	62.00	41.60%
-Lakeside Caravan Park	289.00	267.30	21.60	268.30	20.60	67.58	37.90%
-Low Level Ramps	289.00	260.66	28.24	261.66	27.24	89.34	25.47%
<b>Goughs Bay</b>							
-Public Ramp 1	289.00						
-Public Ramp 2							
-Public Ramp 3							
-Public Ramp 4		277.00	11.90	278.00	10.90	35.76	62.10%
-Public Ramp 5	278.50	269.00	19.90	270.00	18.90	62.00	41.60%
-Public Ramp 6	270.00	257.50	31.40	258.50	30.40	94.81	21.20%
-Public Ramp 7	259.25						
-Public Ramp 8						Approximately	11.00%
-Mansfield Boat Club	289.00	276.00	12.90	277.00	11.90	39.04	59.30%
<b>Ford Inlet</b>							
-Mansfield Country Reso	289.00	269.00	19.90	270.00	18.90	62.00	41.60%
-Mansfield Ski Village	289.00						60.00%
<b>Howqua ValleyCaravan Park</b>							
-High Level Ramp	289.00	277.20	11.70	278.20	10.70	35.10	62.70%
-Low Level Ramp	277.50	260.00	28.90	261.00	27.90	91.53	24.30%
<b>Jamieson</b>							
-Public No 1 High Level	289.00	282.20	6.70	283.20	5.70	18.70	78.60%
-Public No 2 Low Level	283.00	270.00	18.90	271.00	17.90	58.72	43.90%

## Attachment 1

### Water (Lake Eildon Recreational Area) (Houseboats) Regulations 2003

S.R. No. 48/2003

#### TABLE OF PROVISIONS

STATUTORY RULES 2003

S.R. No. 48/2003

**Water Act 1989**

The Governor in Council makes the following Regulations:

Dated: 27 May 2003

Responsible Minister:

JOHN THWAITES

Minister for Water

BRIAN TUKE

Acting Clerk of the Executive Council

#### 1 **Objective**

The objective of these Regulations is to provide for the control and management of houseboat operation in the Lake Eildon Recreational Area.

#### 2 **Authorising provisions**

These Regulations are made under sections 107 and 324 of the **Water Act 1989**.

#### 3 **Commencement**

These Regulations come into operation on 2 June 2003.

#### 4 **Definitions**

In these Regulations--

**"deck"** means any horizontal platform covering the whole or part of the pontoons or hull of a houseboat;

**"double deck houseboat"** means a houseboat having two separate levels, including at least 1 level of enclosed or semi-enclosed sleeping accommodation;

**"Lake"** means the waters of Lake Eildon;

**"length"** means the distance between the most extreme fore and aft points of a houseboat, excluding all motors and structural appendages (such as bumper bars, duckboards, handrails and ski platforms) measured in a direct line which bisects the houseboat medially;

**"mooring"** means a berth in a marina or other anchorage to which a houseboat can be attached;

**"owner"** of a houseboat means any person registered as owner of the houseboat under the **Marine Act 1988**;

**"recreational area"** means the area of land and water that was declared by Order of the Governor in Council [\[1\]](#) to be the Lake Eildon Recreational Area;

**"restricted term licence"** means a licence granted for 14 days under regulation 7;

**"single deck houseboat"** means a houseboat containing one level of enclosed or semi-enclosed sleeping accommodation;

**"trailable houseboat"** means a houseboat capable of being towed to and from the Lake without the need for a Vic Roads permit;

**"Water Authority"** means the Goulburn-Murray Rural Water Authority;

**"width"** means the distance between the most extreme points of the starboard and port sides of a houseboat excluding all structural appendages (such as bumper bars, eaves, walkways, handrails and ski platforms) measured in a direct line perpendicular to the line measuring the length of the boat.

#### 5 **Licence requirements** A person must not leave or operate any houseboat within the recreational area unless it is licensed under regulation 6 or 7.

Penalty: 20 penalty units.

## 6 **Annual licence**

- (1) An application for an annual licence must be made by the owner of a houseboat in the form of Schedule 1.
- (2) The Water Authority must not issue a licence unless--
  - (a) an application has been received; and
  - (b) the houseboat is less than 13.7 metres in length and does not exceed two-fifths of its length in width; and
  - (c) plans and specifications in relation to the sewerage and water supply installations of the houseboat have been submitted to and approved in writing by the Water Authority; and
  - (d) there is installed on the houseboat—
    - (i) a toilet and sewerage installation complying with the specifications prescribed in Schedule 2; or
    - (ii) if the design of the houseboat precludes the installation referred to in sub-paragraph (i), a portable toilet which is approved by the Water Authority; and
  - (e) an inspection of the houseboat has been carried out by an authorised person or any officer or employee of the Water Authority and the houseboat is in accordance with the plans and specifications approved by the Water Authority under paragraph (c); and
  - (f) except in the case of a Type 1 houseboat referred to in Schedule 3, the owner has obtained a permanent mooring for the houseboat in an established marina area approved by the Water Authority; and
  - (g) the appropriate fees specified in Parts 1 and 2 of Schedule 3 have been paid; and
  - (h) a compliance certificate has been issued by a licensed plumber for all plumbing work in accordance with Part 12A of the **Building Act 1993**.
  - (i) The Water Authority may refuse to grant any application for a licence.
  - (j) A licence expires on 30 June next following the date of issue.
  - (k) If a licence for a Type 2, 3a, 3b, 4a, 4b or 5 houseboat referred to in Schedule 3 is issued after 31 July in a year, the amount of the fee payable for the licence must be reduced by one-twelfth for each completed month which has passed in that year.
  - (l) Sub-regulation (5) does not apply to a licence that was issued in a previous year and is renewed.
  - (m) On the issue of a licence in respect of a houseboat the Water Authority must forward to the owner an adhesive transfer indicating that a licence for the current year has been issued.
  - (n) The owner of a houseboat must within 30 days after receipt of the adhesive transfer affix it to a forward window or window screen of the houseboat.
  - (o) The owner of a houseboat must keep the adhesive transfer affixed to the window or window screen of the houseboat during the currency of the licence.

Penalty: 10 penalty units.

## 7 **Restricted term licence**

- (1) An application for a restricted term licence must be made by the owner of a houseboat in the form of Schedule 4.
- (2) The Water Authority must not grant an application for a restricted term licence unless--
  - (a) an application has been received; and
  - (b) the houseboat is less than 9.1 metres in length; and
  - (c) there is installed on the houseboat--
    - (i) a toilet and sewerage installation complying with the specifications prescribed in Schedule 2; or
    - (ii) if the design of the houseboat precludes the installation referred to in sub-paragraph (i), a portable toilet which is approved by the Water Authority; and
  - (d) the appropriate fee specified in Part 1 of Schedule 3 has been paid.
- (3) The Water Authority may refuse to grant an application for a restricted term licence.
- (4) On granting an application for a restricted term licence, the Water Authority must issue a restricted term licence to the houseboat owner.
- (5) The owner of the houseboat must ensure that a copy of the licence is kept on the houseboat.

Penalty: 10 penalty units.

### **8 *Depositing of foreign matter in sewerage installation***

A person must not deposit or discharge into any sewerage installation on a houseboat within the recreational area any substance other than faecal matter or biodegradable deodorant.

Penalty: 20 penalty units.

### **9 *Structural alteration to a houseboat***

- (1) The owner of a houseboat that is within the recreational area must not carry out or cause to be carried out any structural alterations that alter the length of the houseboat or change the levels of accommodation of the houseboat that would result in an increased fee being payable under Schedule 3, unless plans and specifications relating to the changes to the levels of accommodation or the length of the houseboat have been submitted to and approved by the Water Authority.
- (2) The owner of a houseboat that is within the recreational area must not carry out any alterations to the sewerage installation on the houseboat that results in the installation failing to comply with the specifications set out in Schedule 2.

Penalty: 20 penalty units.

### **10 *Change of address***

The owner of a houseboat licensed under these Regulations must advise the Water Authority in writing within 30 days after a change of his or her address.

Penalty: 10 penalty units.

### **11 *Transfer of ownership of a houseboat***

The Water Authority may transfer a licence in respect of a houseboat to a new owner on receipt of an application in the form of Schedule 5 on payment of the transfer fee specified in Schedule 3.

### **12 *Transitional provisions***

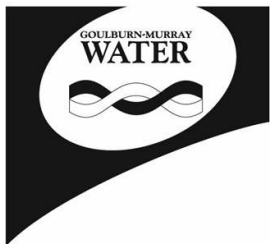
- (1) Despite the revocation of the Water (Lake Eildon Recreational Area) (Houseboats) Regulations 1991<sup>[2]</sup>, a licence that was in force immediately before that revocation is to be treated as if it were a licence issued under these Regulations.
- (2) Despite regulation 6(2)(b), if a licence referred to in sub-regulation (1) was issued for a houseboat that exceeds 13.7 metres in length or two fifths of its length in width, a licence for that houseboat may be issued under these Regulations.

---

#### **ENDNOTES**

<sup>[1]</sup> Reg. 4, def. of "recreational area": Order in Council dated 27 July 1966 and published in the Government Gazette on 2 August 1966, as amended by Order in Council dated 15 December 1970 and published in the Government Gazette on 16 December 1970 and as amended by Order in Council dated 18 February 1975 and published in the Government Gazette on 26 February 1975.

<sup>[2]</sup> Reg. 12(1): S.R. No. 211/1991. Reprint No. 1 as at 9 March 2000. Extended in operation to 14 October 2002 by S.R. No. 96/2001.



LAKE EILDON RECREATIONAL AREA HOUSEBOAT REGULATIONS 2003

SCHEDULE 1 APPLICATION TO LICENCE, OPERATE OR LEAVE A HOUSEBOAT WITHIN THE LAKE EILDON RECREATIONAL AREA

REGISTERED BOAT OPERATOR: Surname, Given Names, Postal Address, Postcode, E-mail Address, Telephone No., Mobile

DESCRIPTION OF BOAT:

Boat Registration No., Boat Name, Single Story Houseboat, Double Story Houseboat, Cabin Cruiser, Half-cabin, Other (Description), Overall length, Duckboard, Ski Platform, Horsepower, Manufactured by, Width(Beam), Walkway, Engine (Type), Maximum Speed

LOCATION OF MOORING:

BOAT MAY BE INSPECTED AT: Constructed Address, Owners Address, Elsewhere (specify)

SEWERAGE SYSTEM: Holding Tank, Portable

CAPACITY OF SYSTEM: Flushing, Holding Tank, Litres

ACCOMMODATION: No of permanent berths, Additional

DATE, SIGNATURE OF APPLICANT

Please forward your completed application form together with a copy of your Vic Roads registration form and the fee of \$218.70 (payable by cheque, money order or credit card only) for application and examination of plans, to the following address:

Goulburn-Murray Water
19 High Street
EILDON Vic 3713

Phone: (03) 5770 8100
Fax: (03) 5774 2656

Goulburn-Murray Water protects the privacy of its customers by providing customer information in accordance with the Victorian Information Privacy Act 2000. For further information regarding Goulburn-Murray Water's privacy statement please refer to our website at www.g-mwater.com.au.

**SCHEDULE 2 Regulations 6(2) (d) and 7(2) (c)**  
**SPECIFICATION FOR SEWERAGE INSTALLATIONS IN HOUSEBOATS**

**1. Materials**

- 1.1 Materials in contact with sewage must be resistant to:
- (a) toilet water; and
  - (b) a marine environment; and
  - (c) disinfectants and deodorants; and
  - (d) cleaning agents; and
  - (e) chemical compounds in solid, liquid or gaseous form of a toxic or explosive nature, likely to be generated in the operation of the toilet and sewerage system.
- 1.2 Materials in the toilet and sewerage system must be chemically and galvanically compatible.

**2. Design and Construction**

- 2.1 All tanks when filled with water must be capable of withstanding impact (to drop test standard) of 3 kilograms from a height of 0.60 metre on the top surface of the tank while under 0.45 metre head of water when tested at 0° Celsius and 20° Celsius.
- 2.2 The shape of the tank may conform to the hull of the boat but the lower sections must be sloped to be self-cleansing and draining to a sump.
- 2.3 A method must be incorporated to indicate when the holding tank is more than 75 per cent full by volume.

**3. Capacity**

The toilet and sewerage system consisting of the toilet unit plus the holding tank must have a capacity for storing wastes not less than that set out in the following table:

- (a) Up to and including 4 berth accommodation: 60 litres
- (b) 5 and 6 berth accommodation: 80 litres
- (c) Over 6 berth accommodation: 130 litres

**4. Seal**

The toilet bowl must have a mechanical or water seal.

**5. Inlet to Tank**

The toilet bowl must be located as close to the top of the tank as is practicable and the tank must have a minimum 75 millimetre diameter inlet.

**6. Outlet from Tank**

- 6.1 The diameter of the outlet pipe from the tank must be not less than 75 millimetres at the tank end. The outlet pipe must be tapered and must lead, by means of a non-corrodible pipe or non-collapsible suction hose of not less than 38 millimetres diameter to a fitting attached to the outside wall at least 300 millimetres above the top of the toilet bowl and accessible from the deck of the houseboat.
- 6.2 If an outlet of the suction pipe type is used, the lower end of the suction pipe must terminate not more than 38 millimetres above the bottom of the sump of the tank.
- 6.3 The wall fitting must consist of a 38 millimetres NATO standard camlock adaptor compatible with pump-out fittings used on the Water Authority sanitation service stations.
- 6.4 A fitting must be provided as a gas-tight cover over the wall fitting.

**7. Venting**

- 7.1 A vent pipe of 38 millimetres diameter non-corrodible material must be fitted to the top of the tank and extended to an accessible and exposed point at atmosphere.
- 7.2 The venting system must be capable of withstanding the vacuum of the pumping system.

## **8. Flushing Inlet**

Provision must be made for flushing the tank with fresh water at times when it is being pumped out.

## **9. Inspection**

Provision must be made for access to the sewage tank to allow inspection of the tank, pipe work and fittings.

## **10. Protection**

10.1 The tank and any parts of the outlet, inlet and vent pipes located below deck level of the boat must be encased in strong material to provide protection against the possibility of the tank and pipes being damaged by obstructions in the water or protruding from the water.

10.2 The protection material must be capable of being removed to enable an inspection of the sewerage installation to be made.

## **11. Installation, Operation and Maintenance**

11.1 **Gas Emission** - The toilet and sewerage system must be installed to minimise the emission of malodorous gases and prevent the emission of poisonous gases (such as hydrogen sulphide) within the boat.

11.2 **Piping and Hoses** - The interior of the piping or hoses between the toilet and the holding tank and between the holding tank and the pump out fittings must be as smooth as is practicable to permit the free flow of sewage and must have an internal diameter of not less than 38 millimetres. The hose and piping must be as short and direct as practicable.

## **12. Tests**

12.1 **Pressure Test** - The tank and the connecting piping or tubing, including all fittings, must be pressure tested with water. The pressure must represent a column of water 1.5 times the distance from the top of the tank to the top of the venting pipe. The minimum height must be 2 metres of water column. The toilet and sewerage system must hold the water pressure for a period of 30 minutes without any leakage.

12.2 **Suction Test** - The tank and the connecting piping or tubing, including all fittings must withstand the following pump-out test.

12.3 The tank must be emptied with a 170 litres per minute positive displacement pump that remains operating 30 seconds after emptying the tank.

## **13. Operating Instructions and Safety Precautions**

13.1 A placard giving operating instructions, safety precautions and warnings pertinent to the toilet and sewerage system must be permanently attached in each toilet compartment.

13.2 The lettering on the placard must not be less than 3 millimetres high. The placard must be legible and capable of withstanding the combined effects of normal wear and tear and the environmental conditions on the boat.

## **14. Identification**

The toilet and sewerage system must be legibly marked with the following information on a plate attached to the system, or in lettering on the system:

- (a) the name of manufacturer;
- (b) the name and model number of the system;
- (c) the month and year of completion; and
- (d) the volume of the holding tank.

**SCHEDULE 3 Regulations 6(2) (g), 7(2) (d), 11**  
**SCALE OF FEES FOR HOUSEBOAT LICENCES**

**PART 1**

Annual Licence Fees (Excluding GST) 11/12

1. Trailable houseboat not exceeding 9·1 metres in length with one level of enclosed accommodation:	\$312.55
2. Houseboat not exceeding 9·1 metres in length with one level of enclosed accommodation:	\$681.35
3a. Houseboat exceeding 9·1 metres in length but not exceeding 12·2 metres in length with one level of enclosed accommodation:	\$1017.70
3b. Houseboat not exceeding 9·1 metres in length with two or more separate levels of enclosed accommodation:	\$1017.70
4a. Houseboat exceeding 12·2 metres in length with one level of enclosed accommodation:	\$1350.25
4b. Houseboat exceeding 9·1 metres in length but not exceeding 12·2 metres in length with two or more separate levels of enclosed accommodation:	\$1350.25
5. Houseboat exceeding 12·2 metres in length with two or more separate levels of enclosed accommodation:	\$1700.30

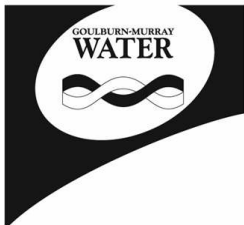
Restricted Term Licence Fees (Excluding GST)

For a 14 day consecutive period:	\$87.50
----------------------------------	---------

**PART 2**

**Application, Inspection and Transfer Fees in Respect of Houseboats (GST Inclusive)**

1. Application and examination of plans:	\$218.70
2. Inspection fee for both single and double deck houseboats at Eildon:	\$238.75
3. Inspection fee for both single and double deck houseboats at other locations:	\$413.75
4. Fee for transfer of houseboat licence:	\$68.70



**LAKE EILDON RECREATIONAL AREA HOUSEBOAT  
REGULATIONS 2003  
SCHEDULE 4  
APPLICATION FOR LAKE EILDON HOUSEBOAT  
RESTRICTED TERM LICENCE**

**NAME OF BOAT OWNER:** \_\_\_\_\_

**POSTAL ADDRESS:** \_\_\_\_\_  
 \_\_\_\_\_ Postcode \_\_\_\_\_

E-mail \_\_\_\_\_

**TELEPHONE:** Work \_\_\_\_\_ Home \_\_\_\_\_ Mobile \_\_\_\_\_

**BOAT REGISTRATION NO:** \_\_\_\_\_

**DESCRIPTION OF BOAT:**

Houseboat:	Cabin Cruiser:	Trailer Sailer:	Other:
Overall length _____		Width (Beam) _____	
Engine (Type) _____		Horsepower _____	
Maximum Speed _____			
Manufactured By _____			
Boat Name _____			

**Note: Maximum height for all boats operating on Lake Eildon is 12 meters**

**LOCATION OF MOORING** (If applicable): \_\_\_\_\_

**SEWERAGE SYSTEM:** Holding Tank: \_\_\_\_\_ Portable: \_\_\_\_\_

**ACCOMMODATION:** No of permanent berths: \_\_\_\_\_ Additional berths \_\_\_\_\_

**DATES REQUIRED:** From: \_\_\_\_\_ To: \_\_\_\_\_

**FEE FOR RESTRICTED TERM LICENCE:** 14 Day Licence \$87.50 (including GST)

**Signature of Applicant:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**BOATS REQUIRING A LICENCE**

All boats up to 9.1 metres in length and containing a toilet.

1. If the boat contains a marine toilet which discharges directly into the water it must be rendered inoperable.
2. The boat must have aboard a portable toilet fitted with mechanical seals to prevent spillage.

All boats up to 9.1 metres ( 30 feet ) in length and containing sleeping accommodation.

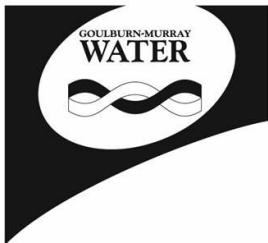
(NOTE: The boat is deemed to contain sleeping accommodation if it has bunks or benches in excess of 1.5 metres (5 feet) in length which could be slept on. Boats with sleeping accommodation must also have on board a portable toilet). If a boat contains a toilet and/or sleeping accommodation it must be licenced to operate on Lake Eildon, even though the owner may indicate he will only use the boat as a day boat and has no intention of sleeping on it overnight.

Please forward your completed application form together with \$87.50 for the licence fee (payable by cheque, money order or credit card only) to the following address:

**Goulburn-Murray Water**  
**19 High Street**  
**EILDON 3713**

**Phone: (03) 5770 8100**  
**Fax : (03) 5774 2656**

*Goulburn-Murray Water protects the privacy of its customers by providing customer information in accordance with the Victorian Information Privacy Act 2000. For further information regarding Goulburn-Murray Water's privacy statement please refer to our website at [www.g-mwater.com.au](http://www.g-mwater.com.au).*



GMW#1103892

LAKE EILDON RECREATIONAL AREA HOUSEBOAT REGULATIONS 2003 SCHEDULE 5 APPLICATION FOR TRANSFER OF HOUSEBOAT LICENCE

DESCRIPTION OF BOAT Registration No. Licence CB No. Boat Name Mooring Location

NAME OF LICENSEE (Vendor) Surname Given Names Postal Address Postcode Telephone No. E-mail Address Mobile

NAME OF TRANSFEREE (Purchaser) Surname Given Names Postal Address Postcode Telephone No. E-mail Address Mobile

Note: This licence must be held in the name of the Vic Roads registered operator, which is limited to one person or Company only. A photocopy of the Vic Roads registration with operator details must be attached to this document. If this licence is to be held in a Company name, the ACN, name and position of signatory and type of authorisation must be supplied.

Please tick this box if the houseboat is to be modified or altered in any way.

Date: Signature of licensee (seller):

Date: Signature of transferee(buyer):

Please forward your completed application form together with a payment for the transfer fee of \$68.70 (payable by cheque, money order or credit card only) and a copy of the updated Vic Roads Registration form to the following address:

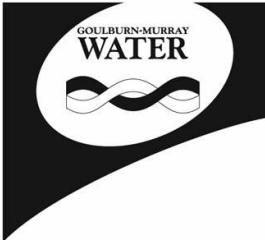
Goulburn-Murray Water 19 High Street EILDON VIC 3713

Phone: (03) 5770 8100 Fax: (03) 5774 2656

Please note that after the transfer of this licence the Authority may wish to inspect the Houseboat. In this case, you may be advised in writing to arrange to have the Houseboat slipped for an inspection.

Goulburn-Murray Water protects the privacy of its customers by providing customer information in accordance with the Victorian Information Privacy Act 2000. For further information regarding Goulburn-Murray Water's privacy statement please refer to our website at www.g-mwater.com.au.

GMW #1103901 v3



# COMPULSORY HOUSEBOAT INSPECTION REPORT

## PART ONE - ASSESSMENT SUMMARY

G-MW Licence Number: CB..... Registration number: ..... Mooring:  
.....

Owner ..... Boat Name .....

Owners Address:  
.....

Phone ..... Fax ..... Email .....

Boat length ..... metres Boat width .....  
metres

Enclosed levels ..... Walkways ..... mm x .....  
mm

Ski Platform ..... mm x ..... mm Duckboard ..... mm x .....  
mm

Location of Ski Platform  Port side  Starboard side

The following items have been inspected by a "Competent Person" for G-MW compliance with the Lake Eildon Houseboat Regulations 2003.

(Please mark ).

Sewerage System  Motor (no fuel leakage)  Fuel storage

This Houseboat does/does not comply.

No further action

Repairs required (as listed in PART THREE) and owner to be notified by Goulburn-Murray Water

Signature of Competent Person: .....  
Date...../...../.....

Name of Competent Person:  
.....

Address: .....  
.....

**This Compulsory Houseboat Inspection Report ("Report") has been prepared for the sole benefit of Goulburn-Murray Water for its internal purposes. It is not intended that this Report be used by any other party for any purpose whatsoever and the Competent Person whose name appears above will not be liable for loss suffered by a third party as a result of reliance upon this Report.**

**PART TWO - INSPECTION REPORT**

Waste Tank Material ..... Waste Tank Location .....

**Pontoons**

Age of pontoons..... Date last painted ..... Coating .....

Port Pontoon:

Number of sealed bulkheads ..... Open bulkheads .....

Starboard Pontoon:

Number of sealed bulkheads ..... Open bulkheads .....

Ballast material & volume .....

Use (√) for satisfactory and (X) for unsatisfactory in first inspection column. The 2nd inspection column deals with problems that have been fixed and will have a (√) for satisfactory.

**Sewerage System**

	1st	2nd	
Waste tank Corrosion	<input type="checkbox"/>	<input type="checkbox"/>	.....
Waste tank Splits/Leaks	<input type="checkbox"/>	<input type="checkbox"/>	.....
Tank Mounted Brackets	<input type="checkbox"/>	<input type="checkbox"/>	.....
Suction & Suction Lines	<input type="checkbox"/>	<input type="checkbox"/>	.....
Vent/Flush & Lines (must have air tight cap)	<input type="checkbox"/>	<input type="checkbox"/>	.....
Inlet Flanges	<input type="checkbox"/>	<input type="checkbox"/>	.....
Clamps/Clips for sealing (non-corrodible)	<input type="checkbox"/>	<input type="checkbox"/>	.....
Waste outlet height above toilet bowl (1)	<input type="checkbox"/>	<input type="checkbox"/>	.....
Waste tanks to have vents and flush points	<input type="checkbox"/>	<input type="checkbox"/>	.....
Tank ventilation lines (2)	<input type="checkbox"/>	<input type="checkbox"/>	.....
Guarding of exposed tanks (3)	<input type="checkbox"/>	<input type="checkbox"/>	.....
Test tank for leaks (inc ventilation)	<input type="checkbox"/>	<input type="checkbox"/>	.....
Pontoon - sewage storage	<input type="checkbox"/>	<input type="checkbox"/>	.....

**Fuel Tank**

Corrosion	<input type="checkbox"/>	<input type="checkbox"/>	.....
Splits/Leaks	<input type="checkbox"/>	<input type="checkbox"/>	.....
Fuel inlet/outlet connections	<input type="checkbox"/>	<input type="checkbox"/>	.....
Mounting Brackets	<input type="checkbox"/>	<input type="checkbox"/>	.....
Fuel lines - leaks	<input type="checkbox"/>	<input type="checkbox"/>	.....
Pontoon - fuel storage	<input type="checkbox"/>	<input type="checkbox"/>	.....
Exterior tank & hoses guarded	<input type="checkbox"/>	<input type="checkbox"/>	.....
Vent above fill height	<input type="checkbox"/>	<input type="checkbox"/>	.....

**Bilge**

Inspect pod/bilge for fuel, oil & coolant leaks   .....

**LPG Installation**

Gas storage and plumbing complies with Plumbing Code   .....

Gas Fitting Notice Number

Note:

Waste tanks to be constructed from suitable Stainless Steel, Marine Grade Aluminium, PVC or Fibreglass.

Internal connections must be in accordance with the appropriate plumbing codes.

Pontoons being used as fuel storage will not be accepted and fuel storage tanks will need to be installed.

Vacuum or smoke test for leaks in fuel tanks located in pontoons and not readily accessible.

Visual inspection of pontoons and assessment that pitting or corrosion is not more than 50% of original steel.

Footnotes:

1. Waste outlet height requirements do not apply to the second storey of a two storey houseboat.
2. Ventilation line (minimum 38mm) must be higher than the toilet bowl.
3. Leading guard to be fitted to the front and bottom of all sewerage tanks suspended underneath the houseboat and exposed to potential damage. Minimum 2.5mm flat plate steel to be used. If the outlet line is exposed on the bottom of the tank it should be protected as well.

**PART THREE – REQUIRED REPAIRS**

The following repairs need to be carried out on this houseboat as it currently breaches G-MW By-Laws and/or Regulations. In accordance with these Regulations the owner will be notified in writing by Goulburn-Murray Water and given seven days to affect these repairs or remove the houseboat from Lake Eildon.

Repairs Required:

.....

.....

.....

.....

.....

.....

.....

.....



## Attachment 2

## WATER ACT 1989

### By-law No 7 Recreational Areas

#### PART 1 PREMININARY

**Title:**

1. This by-law may be cited as by-law No. 7 Recreational Areas.

**Objectives:**

2. The objectives of this by-law are to make provision for –
  - (a) the control, management and the use of the land, services and facilities;
  - (b) the protection of the land, services and facilities;
  - (c) the protection of people in the recreational area from injury or nuisance; and
  - (d) the conservation and preservation of flora, fauna and habitat;in recreational areas under the management and control of the Authority.

**Authorising Provisions:**

3. This by-law is made under sections 107 and 160 of the Act.

**Application:**

4. (1) This by law applies to all recreational areas.  
(2) This by-law does not apply to any of the following persons when acting in the course of that person's duties –
  - (a) a member of the police force;
  - (b) an authorised officer;
  - (c) a contractor, volunteer or other person carrying out any work for, or acting on the instructions of, the Authority;
  - (d) a person dealing with a fire, flood or other public emergency.

**Definitions:**

5. In this by-law:-

“**Act**” means the Water Act 1989.

“**Authority**” means the Goulburn-Murray Water Rural Water Authority.

“**Authorised Officer**” means –

- (a) any officer or employee of the Authority; or
- (b) any person appointed in writing by the Authority as an authorised officer for the purposes of this by-law.

“**Boat**” includes any vessel, raft or floating structure which is used or is capable of being used as a means of transportation on water.

“**Camp**” includes –

- (a) any tent or other temporary form of accommodation which is erected, occupied or used;
- (b) any caravan or other movable form of accommodation which is parked, occupied or used; or
- (c) any vehicle which is used for accommodation purposes.

“**Dangerous Dog**” has the same meaning as contained in the Domestic (Feral & Nuisance) Animals Act 1994.

“**Firearm**” includes –

- (a) any gun, rifle, air pistol or similar thing using cartridges or explosive means to propel any bullet or missile;
- (b) any catapult, bow and arrow or crossbow; and
- (c) any other implement designed to discharge a missile that is capable of injuring or killing people or animals

“**Houseboat**” has the same meaning as contained in the Water (Lake Eildon Recreational Area) (Houseboats) Regulations 1991.

“**Litter**” includes any solid or liquid domestic or commercial wastes, refuse, debris or rubbish and, without limiting the generality of the above, includes any glass, metal, plastic, paper, fabric, wood, food, abandoned vehicles, abandoned vehicle parts, garden remnants or clippings, soil, sand, concrete or rocks or any part of animal carcass.

“**Paraflying**” includes using a manned kite, parachute or similar device under tow by a vehicle or boat.

“**Person**” includes any body corporate, or association (whether incorporated or not).

“**Pontoon**” includes any launching ramp, jetty, floating jetty, slalom course or ski jump.

“**Recreational Area**” means –

- (a) any area of land declared by the Minister for Agriculture and Resources to be a recreational area under the management and control of the Authority under section 107 of the Act; and
- (b) any water storage under the control of the Rural Water Commission immediately before the 1<sup>st</sup> November, 1990.

“**Recreation vehicle**” includes any mini-bike, rail bike, beach buggy or dune buggy.

“**Sign**” includes –

- (a) any notice, whether on a post or not;
- (b) any painted lines or words on a sealed roadway; and
- (c) any beacon, buoy or other navigational marker.

“**Vehicle**” means any conveyance which is used or is capable of being used as a means of transportation on land but does not include railway locomotive or rolling stock.

## **PART 2 – BOATING**

### **Boating:**

6. (1) A person must not leave or operate any houseboat except with a licence issued by the Authority.
- (2) A person must not leave or operate a boat that is –
- (a) likely to cause danger to other people or damage to property; or
  - (b) derelict or unseaworthy.
- (3) A person must not operate a boat –
- (a) likely to cause offence or annoyance to other people by reason of noise;
  - (b) in a careless or reckless manner;
  - (c) in a manner or at a speed that would be likely to endanger other people or cause damage to property;
  - (d) so as to obstruct, endanger or interfere with the operations or works of the Authority;
  - (e) that has a mast or aerial exceeding 12 metres above the water line; or
  - (f) contrary to any direction given to an authorised officer.
- (4) A person must not moor a boat –
- (a) to any navigational marker;
  - (b) in a manner that is likely to cause obstruction to any other boat;
  - (c) contrary to any direction given by an authorised officer; or
  - (d) in a boat exclusion zone.

Penalty: 20 Penalty Units

### **Erection or Sinking of objects on water:**

7. A person must not –
- (a) construct or erect any pontoon or any other structure;
  - (b) construct or erect any object that may be likely to obstruct or interfere with the passage of boats;
  - (c) deliberately sink or scuttle any boat or pontoon; or
  - (d) carry out the salvage of any sunken boat or pontoon;
- except with the written permission of the Authority.

Penalty: 20 Penalty Units

### **Regattas and boat races;**

8. A person must not conduct or take part in any regatta, boat race or sporting fixture involving the use of boats except with the written permission of the Authority.

Penalty: 20 Penalty Units

### **Litter from boats:**

9. A person must not discharge or throw from a boat any litter.

Penalty: 20 Penalty Units

### **Obstruction of launching ramps:**

10. A person must not obstruct the launching or retrieval of boats from a launching ramp.

Penalty: 20 Penalty Units

## **PART 3 – GENERAL**

### **Authorisation of works:**

11. A person must not cause or permit any fixed installation to be constructed, erected, added to or altered except in accordance with plans previously approved by the Authority.

Penalty: 20 Penalty Units.

### **Nuisances and other matters:**

- 12 (1) A person must not commit any nuisance or behave in a manner which is likely to cause danger, inconvenience, alarm or annoyance to any person.
- (2) A person must not –
- (a) play a game or take part in any activity likely to cause inconvenience, disturbance or annoyance, to any one other than in the part of the recreational area set aside for that purpose;
  - (b) use any profane, indecent or obscene language, or use any threatening, abusive or insulting words;
  - (c) behave in a righteous, indecent, offensive, threatening or insulting manner; or
  - (d) enter or use any facility –
    - (ii) except for its proper purpose; or
    - (iii) set aside for persons of the opposite sex, except where the individual is a child under the age of six (6) years and is accompanied by an adult.
- (3) A person must not –
- (a) cut, fell or remove or intentionally damage or destroy any flora (whether alive or dead);
  - (b) dig, excavate or move any soil, sand, clay or rock; or
  - (c) use any poison, trap, snare or net –  
except with the written permission of the Authority.
- (4) A person must not –
- (a) deposit or cause to be deposited, any litter except in a receptacle provided for the purpose;
  - (b) bring into or cause to be brought into a recreational area and deposit in any receptacle within the recreational area any litter or household waste or rubbish; and
  - (c) convey or cause to be conveyed, any fluid or solid matters that are likely to contain substances or bacteria harmful to human, animal, plant or aquatic life, onto a recreational area except in proper receptacles or places approved by the Authority.

Penalty: 10 Penalty Units

### **Vehicles:**

- 13.(1) A person must not drive or park any vehicle –
- (a) in a careless or reckless manner;
  - (b) on or over any surface other than a road, track, or parking area;
  - (c) so as to be likely to obstruct, impede or interfere with the operation of any launching ramp; or
  - (d) contrary to any direction given by an authorised officer
- (2) A person must not drive any recreation vehicle except with the written permission of the Authority.

Penalty: 15 Penalty Units

### **Camping and fires:**

- 14.(1) A person must not –
- (a) erect or use any camp that is not in a designed camping area or caravan park, except with the written permission of the Authority;
  - (b) light or maintain a fire or permit a fire to remain alight, other than in a fire place provided for that purpose; or
  - (c) leave a fire unattended.
- (2) Any person who lights a fire must take all reasonable and proper precautions to ensure that the fire does not escape from the person's control and must ensure that the fire is extinguished before leaving the recreational area.

Penalty: 20 Penalty Units

**Shooting:**

- 15.(1) A person must not carry or be in the possession of a firearm or discharge any firearm on, from, into or over a recreational area except with the written permission of the Authority or except in accordance with the provisions of any Authority by-law relating to shooting.
- (2) Nothing in sub-clause (1) shall prohibit the carrying of a firearm across Lake Dartmouth for the purpose of hunting deer.

Penalty: 20 Penalty Units

**Business and Sporting Events:**

- 16.A person must not without the written permission of the Authority –
- (a) undertake any commercial activity;
  - (b) hold a carnival, fete, sporting fixture or event or other similar function;
  - (c) sell, trade or hire or advertise, offer or display for sale, trade or hire any good or service;
  - (d) display any sign or hand out or disseminate any material;
  - (e) solicit or collect money;
  - (f) deliver an address of any kind, or use any public address system, loud hailer or similar device;
  - (g) take any photograph, film, video or audio recording, television or radio broadcast for commercial purposes; or
  - (h) Offer, display or use any vehicle or boat for hire or carry passengers for reward.

Penalty: 20 Penalty Units

**Dogs and other animals:**

- 17.(1) A person must not bring a dog onto a recreational area or allow a dog under the person's control to enter or remain within a recreational area unless –
- (a) the dog is at all times under proper control on a leash; and
  - (b) the dog is effectively restrained from causing injury or annoyance to people, damage or interference to property, or disturbance to injury to wildlife.
- (2) A person must not bring a dog onto or allow a dog to enter or remain within any part of a recreational area in which dogs are prohibited.
- (3) A person must not bring a dangerous dog onto or allow a dangerous dog to enter or remain within a recreational area.
- (4) A person must not allow a dog under the person's control to enter any water.
- (5) A person must not bring or allow any animal onto a recreational area except with the written permission of the Authority.
- (6) Nothing in this clause prohibits-
- (a) a disabled person bringing a dog into a recreational area to assist that person with respect to the person's disability;
  - (b) the use of dogs in accordance with the provisions of any Authority by-law relating to the shooting of Game Birds;
  - (c) the keeping of any domestic animal by an officer of the Authority at premises provided by the Authority for that officer; or
  - (d) the keeping of any domestic animal by a person at any caravan park situated within a recreational area, when so permitted by the proprietor of the caravan park.

Penalty: 5 Penalty Units.

**Helicopters and aircraft:**

- 18.A person must not-
- (a) land or take-off a helicopter or other aircraft;
  - (b) deliver a person or thing by parachute, helicopter or other means from the air; or
  - (c) land by parachute;
- except-
- (i) with the written permission of the Authority; or
  - (ii) in an emergency

Penalty: 20 Penalty Units

**Aerial Sports:**

19. A person must not conduct or take part-

- (1) in paraflaying –
  - (a) over water without the written permission of the Authority; and
  - (b) over land (excepting land covered by water); or
- (2) in flying an ultra light aircraft at a height less than 152.4 metres (500 feet) except with the written permission of the Authority

Penalty: 20 Penalty Units

**Abandoned Property:**

20. A person must not abandon any boat, pontoon or vehicle.

Penalty: 20 Penalty Units

**Written permission:**

21.(1) The Authority may issue written permission for the purposes of this by-law.

- (2) A permission under this by-law –
  - (a) subject to such conditions (including payment of fees) as the Authority determines; and
  - (b) may be revoked by notice given in writing to the holder of the permission for any failure to comply with the permission.
- (3) A person whom written permission is given must comply with every condition of that permission.

Penalty: 5 Penalty Units

**Directions by sign:**

22.(1) The Authority may, by signs establish in such position or positions as the case requires, prohibit or regulate any act, matter or thing.

- (2) A person must not contravene any Authority sign.

Penalty: 5 Penalty Units

**Directions by authorised officer:**

23.(1) A person must comply with any reasonable direction given by an authorised officer to that person to take action to comply with this by-law.

- (2) A person must leave a recreational area if instructed to do so by an authorised officer if that officer suspects on reasonable grounds that the person has contravened this by-law.
- (3) An authorised officer may direct any owner or operator of a boat or any person apparently in charge of a boat who if that authorised officer suspects on reasonable grounds that the person has contravened this part of the by-law, to remove that person's boat from the water or the recreational area.

Penalty: 10 Penalty Units

**Penalties:**

24. If a person contravenes or fails to comply with a provision of this by-law and the contravention or failure is of continuing nature, an additional penalty not exceeding 5 penalty units for each day on which the offence continues-

- (a) after service of a notice of contravention on the person under section 151 of the Act; or
- (b) if no notice of contravention is served, after conviction of the person for the offence.

## Fires and camping around Lake Eildon.

**Fires and camping are not permitted in any area around Lake Eildon, except in the designated camping areas (see below).**

### Why?

Unregulated campfires are not only a potential hazard for bushfires, but also create a problem with accumulation of rubbish and pollution to the domestic water supply.

To minimise these impacts, Parks Victoria provides defined areas where camping and fires are permitted.



### Boat-based camping areas

There are three Boat-Based Camping Areas located around the shores of Lake Eildon within Lake Eildon National Park at:

- **Mountaineer Inlet** (top of Aird Inlet)
- **Taylor's Creek** (Big River Arm)
- **Coopers Point** (Main Arm)

They are only accessible by boat or foot and provide for a more remote camping experience (see map).

Composting toilets are provided in each area and fires are permitted at Mountaineer Inlet and Taylor's Creek only.



### Other camping areas

- **Jerusalem Creek Camping Area.** Good boat access is available into the Jerusalem Creek Inlet. Designated camping sites, basic toilets and fire places are provided. Camping fees apply and permits are available at either end of the camping area. Bookings are available for peak periods.
- **Fraser Camping Area.** Collier Bay. Formal camping facilities are provided (toilets, hot showers, etc) with fires permitted in fireplaces provided. Fees are payable at the Campground Office with bookings required for peak periods. Phone (03) 5772 1293.
- **Delatite Arm Reserve.** Basic camping facilities are provided (as for Jerusalem Creek) and fires are restricted to winter months only. Camping fees are collected by Rangers.

### Fire:

Within the specified camping areas, fires must be contained within fireplaces provided. Please keep

fires to a minimum size and gather only fallen, dead timber.

On declared days of Total Fire Ban **ALL SOLID FUEL CAMPFIRES, PORTABLE GAS APPLIANCES AND KEROSENE LANTERNS ARE PROHIBITED.** This includes all *gas stoves, gas lights, and gas fridges* (including use inside tents). *Fixed gas stoves* may be used in houseboats with extreme caution. **IT IS YOUR RESPONSIBILITY TO FIND OUT INFORMATION ON TOTAL FIRE BAN DAYS.** This can be obtained via radio broadcasts, or by contacting the Fire duty Officer on (03) 5772 0200 (Alexandra), (03) 5733 0120 (Mansfield), or the recorded service on (03) 11540.

### Dogs:

Dogs are not permitted in Lake Eildon National Park, so please be aware of your mooring location if you are taking a dog on board a houseboat.

Dogs are only permitted in the Jerusalem Creek Camping Area and Delatite Arm Reserve, and must be under control at all times.

### Motorbikes:

Trail bike riding is only permitted on formed roadways open to the public (this excludes the shores of the lake). All vehicles must be roadworthy, registered and you must be fully licenced.

**PLEASE RESPECT THE AREA  
TAKE ALL RUBBISH HOME**

### Further Information:

#### Parks Victoria

46 Aitken Street, Alexandra. 3714  
Phone: (03) 5772 0200. Fax: (03) 5772 1361.

#### Lake Eildon National Park

PO Box 211, Alexandra 3714  
Phone: (03) 5772 2038. Fax: (03) 5772 2813.

#### Goulburn-Murray Water

19 High Street, Eildon 3713  
Phone: (03) 5770 8100. Fax: (03) 5774 2656

# Camping Areas Around Lake Eildon

