


## Setting Environmental Values for Lake Bonney SE and its catchments





The EPA is responsible for managing the water quality of inputs to Lake Bonney SE and is seeking to develop community agreed Environmental Values for the lake through informed community consultation process.


It is important to understand the wider public's expectations for Lake Bonney SE and identify the water quality improvements required to support the range of possible desired uses for this large lake in the region.


Baring in mind the present poor, but improving conditions in the Lake for each of these values ask yourself whether you would like to see the water quality in Lake Bonney SE improve so that it could be used for this purpose or similar.


	Environmental Value	Next 5 to 10 years	Next 10 to 30 years
	<p>Aquatic Ecosystems</p> <p>Lake Bonney SE is considered by the EPA to have a Highly to Moderately disturbed ecosystem. The Aquatic biological diversity has been affected, but the Lake still retains some ecological or conservation values that require protecting. An increased level of change in physical, chemical and biological parameters is to be expected and targets should be aimed at remediation and recovery.</p> <p>Examples of this are:</p> <ul style="list-style-type: none"> <li>• healthier populations of fish and bird species in the Lake.</li> <li>• healthier aquatic plant populations.</li> <li>• better water clarity.</li> </ul>		


	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	<p>Raw drinking water supplies for human consumption.</p>		

	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	Irrigating crops such as vines, lucerne, etc.		


	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 20 years</b>
	Water for farm use such as in fruit packing or milking sheds, etc.		


	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	Stock watering.		


	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	Water for aquaculture such as barramundi or marron farming.		


	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	<p>Water for industrial use such as power generation, manufacturing plants.</p>		




	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	Human consumption of wild or stocked fish or crustaceans.		

	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	Primary recreation with direct contact with water such as swimming or snorkelling.		

	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	<p>Secondary recreation with indirect contact with water such as boating, canoeing or sailing.</p>		

	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	Visual appreciation with no contact with water such as picnicking, bushwalking and sightseeing.		

	<b>Environmental Value</b>	<b>Next 5 to 10 years</b>	<b>Next 10 to 30 years</b>
	<p>Cultural and spiritual values including the cultural values of traditional owners. Also historical areas from the European settlement of the area.</p>		