






Report Card 2007

Subject: Safe Seafood for Eating

	Environmental Quality Indicators	*Management Response	Comments
Biological Contaminants	<ul style="list-style-type: none"> Thermotolerant faecal coliform levels in water 	A 	<p>NB: Under WASQAP**, commercially farmed mussels in Cockburn Sound are subject to strict quality assurance processes to protect public health, including routine water quality and mussel sampling.</p> <p>All samples taken from commercial mussel harvesting areas met the guideline. One non-commercial site located at the Jervoise Bay Boat Ramp exceeded the guideline and standard. The exceedance of the standard at this one site has triggered the red 'action' rating.</p> <p>The public need to be aware of the risk associated with the consumption of potentially contaminated seafood collected recreationally from within the Jervoise Bay Harbours.</p>
	<ul style="list-style-type: none"> Thermotolerant faecal coliforms in seafood flesh 	M 	<p>All sites met the guideline</p>
	<ul style="list-style-type: none"> Algal Biotoxins 	I 	<p>Exceedances of the guideline were recorded from within the Jervoise Bay Harbours due to the presence of potentially toxic algal species above recommended guidelines. The public need to be aware of the risk associated with the consumption of potentially contaminated seafood collected recreationally from within the Jervoise Bay Harbours.</p> <p>NB: Under WASQAP**, commercially farmed mussels in Cockburn Sound are subject to strict quality assurance processes to protect public health, including routine water quality and mussel sampling.</p> <p>Through WASQAP, an exceedance of the guideline was reported on one occasion at the Kwinana Bulk Terminal and Southern Flats. This exceedance was due to the presence of a potentially toxic algal species above recommended guidelines. However, as dictated under the WASQAP Marine Biotxin Management Plan, follow up mussel samples taken during these periods were analysed for the presence of toxins and found to be negative. This indicates that whilst this species was present it was not producing toxins.</p>
Chemical contaminants in seafood flesh	<ul style="list-style-type: none"> Metals 	M 	<p>All sites met the guideline for cadmium, copper, lead, zinc and mercury levels in mussels.</p>
	<ul style="list-style-type: none"> Organic Chemicals 		<p>All sites were below laboratory detection limits from mussel samples analysed for organic chemicals.</p>

LEGEND *Management Response:

M  **Monitor** – Below guideline; continue monitoring.

I  **Investigate** – Above guideline; investigate and where necessary, take precautionary action.

A  **Action Required** – Above Standard; initiate management response.

 Below normal laboratory detection limits and based on data greater than 2 years old.

**Western Australian Shellfish Quality Assurance Program

This Report Card provides a broad assessment of Cockburn Sound and indicates the overall management response required.