

LION ISLAND

Lion Island is located in Broken Bay. A special purpose zone is proposed covering a 45 hectare area within 200 metres of the Island (Figure 9).

CURRENT MANAGEMENT

Lion Island was dedicated as a fauna reserve in 1956 and reclassified as a nature reserve under the *National Parks and Wildlife Act 1974*. No specific spatial management arrangements are in place other than existing regulations that generally apply to activities in the marine estate, such as NSW fishing rules and restrictions.

SITE OBJECTIVES

The primary objective for the proposed Lion Island site is to:

- reduce risks to identified threatened and protected species of the bioregion.

The secondary objectives that apply to this site are listed in Table 5.

ENVIRONMENTAL, SOCIAL, CULTURAL AND ECONOMIC VALUES

The waters surrounding Lion Island are important for the little penguin (*Eudyptula minor*), which is listed as a threatened species under the *Biodiversity Conservation Act 2016*.

The area has significance to the local Aboriginal communities. Spiritual sites and evidence of past cultural use, including shell middens, have been recorded.

PRIORITY THREATS TARGETED TO ENHANCE BENEFITS AT THIS SITE

The threats that will be addressed at this site and expected benefits to be enhanced are listed in Table 19.







PROPOSED MANAGEMENT RULES

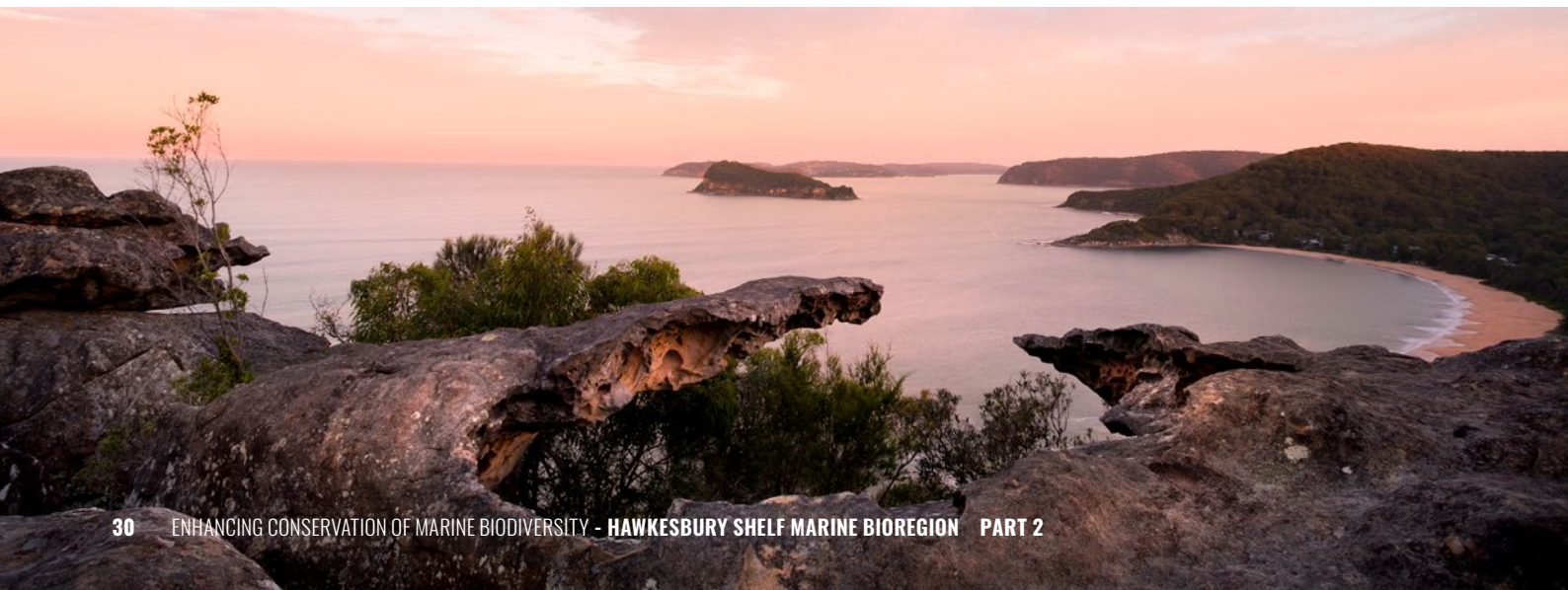
Vessel speed restrictions (8 knots) are proposed in all waters within 200 metres of Lion Island to reduce the chance of vessel strike to little penguins. Hand gathering and collecting marine vegetation would be prohibited (Table 20).

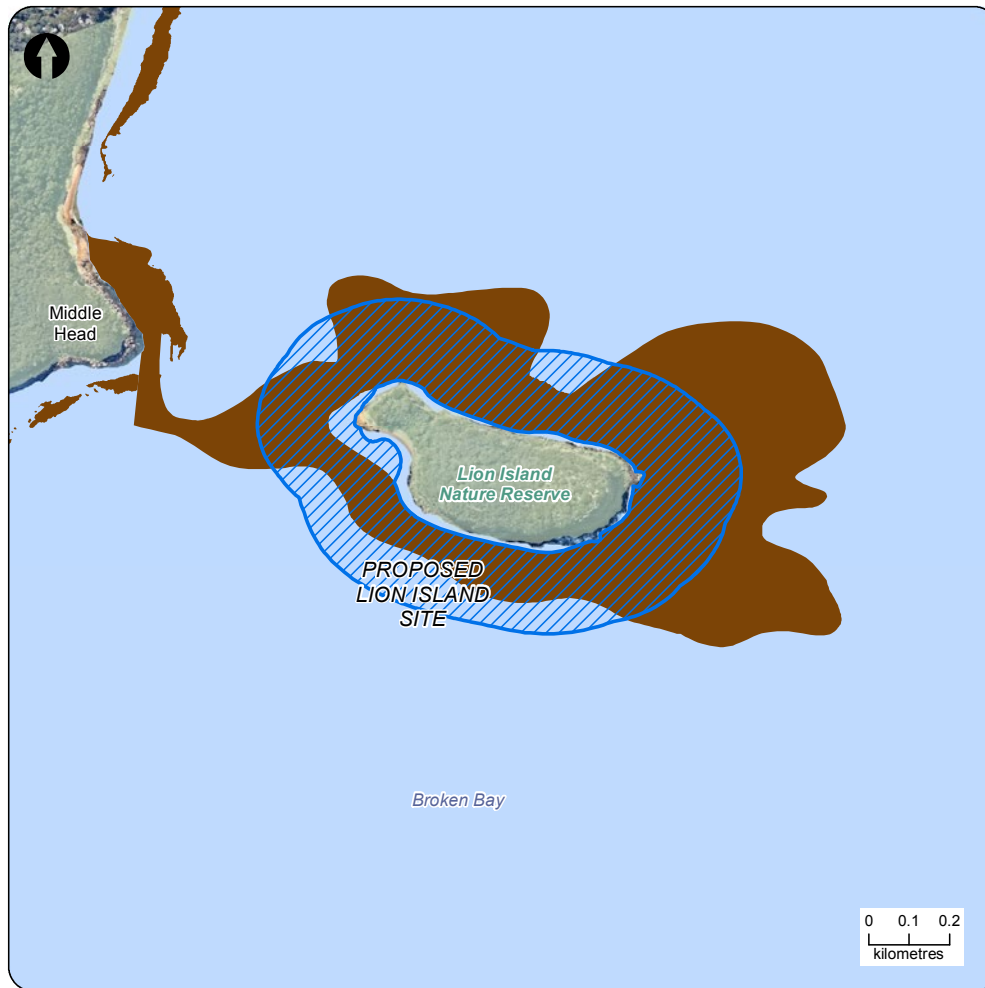
FEEDBACK FROM COMMUNITY ENGAGEMENT

Lion Island was identified as having conservation value during community engagement. The National Parks Association of NSW (Southern Sydney Branch) described this site as having high biodiversity value.




Table 19. Threats and expected benefits

	Environmental		Social, cultural, economic
Threats	 Boating	 Recreational fishing	 Wildlife disturbance
Benefits	 Rocky shores	 Species protected under BCA	 Enjoyment (biodiversity & beauty)





Proposal

-  Special Purpose Zone
-  Estuarine Reef 0-20
-  National Parks/Nature Reserves

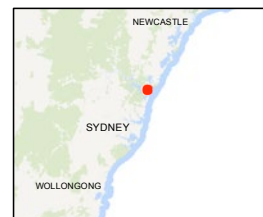













Figure 9. Proposed Lion Island site

Table 20. Current activities and suggested permissible activities in the proposed Lion Island site

Lion Island											
Current	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ ¹	✓
Proposed special purpose zone	✓ ²	✓	✓	✓	✓	✓	✓	×	×	✓ ¹	✓

1 Subject to existing NSW commercial fishing rules and regulations

2 Boating speed restrictions would apply