quality over summer. Monitor water quality, water levels and health of aquatic vegetation in the lake. Review sediment accumulation at the eastern end of the lake and adjust water levels using the weir plate under the footbridge as needed to

optimise water quality and bird habitat values (H)

Investigate establishment of a sediment pond and ephemeral wetland downstream of the existing concrete inlet structure. The sediment pond will enable ongoing removal of coarse sediment. A densely planted shallow ephemeral wetland will remove nutrients and other pollutants before water enters the lake. Several large Willow trees can be retained to the edge of the new wetland in the short term to maintain landscape amenity while new indigenous planting becomes established. (M)

The lake outfall channel can be reinvestigated for potential upgrades which could assist with better maintaining water levels within the lake during and following rainfall events. (L)

ENVIRONMENT

The steep slopes of the north eastern embankment contains remnant Grassy Woodland vegetation including a stand of rare Bellarine Yellow Gums. Other native species include Lightwood, Golden Wattle, Coast Beard-heath and occasional Moonah with an understorey of Kangaroos Grass, Wallaby Grass, Bower Spinach, Seaberry Saltbush and Kidney Weed.

Areas of Tall Marsh, dominated by Common Reed and Cumbungi, occur at the eastern end of the lake provide habitat for rare and threatened bird

The scattered planted mature trees around the lake include Red Gums and Swamp Gums providing habitat for possums and many birds while the Willow and Ash trees contribute to the overall landscape amenity. Nankeen Night Herons have been seen nesting in one of the large Willows for many years.

monitoring the quality and cover of significant indigenous vegetation. (O) Establish fencing at either end of the path handrail on the north eastern bank to restrict dog access to reed and sedge wetland areas which provide important habitat for waterbirds. Prioritise removal of woody

weeds such as Ash and Willow trees in this

weed control and maintain fire breaks while

7) Relocate/replace the existing community noticeboard closer to the footbridge and establish interpretive signage to improve community awareness of environmental cultural heritage values, and dog on lead requirements at the lake. (M)

area out of season. (H)

Re establish indigenous vegetation along the edge of the lake and inlet zone. As plants grow and provide habitat, remove willows. The aim will be to retain and actively manage remaining willows until their health declines. Suckers and dead wood will be removed and new Red Gums will be planted to maintain canopy cover for when these trees eventually require removal. Placement of new trees will carefully consider views from adjoining properties. (M)

COMMUNITY ACCESS

The popular 1.6 km unsealed compacted granitic gravel circuit pedestrian walking path provides all ability access around the lake for both pedestrians and maintenance vehicles.

Retain maintenance vehicle access along the existing lake circuit path to Barwon Water sewer mains. (H)

Retain mown grass along the south bank and establish a small local picnic area with two timber picnic tables near the existing timber platform. (H)

Establish a bench seat and interpretive signage providing information regarding the significant Bellarine Yellow Gum stand and ongoing protection of bird habitat values in this section of the lake. (M)

Investigate options to improve on street car parking at the Bluewaters Drive entry. (M)

13) Establish a new seating area on the exposed promontory while retaining maintenance vehicle access to the gross pollutant trap (GPT), (M)

KALINGA

14) Investigate options to improve pedestrian links and safety at Blue Waters Drive crossing to across Lake Reserve. (M)

Monitor the existing timber handrail and retaining wall which are now over 20 years old and will need significant repair. replacement within the next 10 years to maintain public access around the lake. (O)

Retain only local access via Cuthbertson Drive due to the lack of car parking. (O)

Improve/Upgrade path to allow all-ability all season access. (O)

CULTURAL HERITAGE

The Ocean Grove township is located along the Barwon River estuary and the natural wetlands at what is now Blue Waters Lake would have been an ideal location for Aboriginal people to obtain food and water and although there has been significant modification the area is of cultural sensitivity as defined in the Aboriginal Heritage Regulations 2018.

ROAD

Engage and involve the Wadawarrung Traditional Owners Aboriginal Corporation in building appreciation and understanding of the cultural values of the site through development of a Cultural Values Plan. (H)



DWG No. BLMP-01 SCALE 1:2000 @ A3



