



BUSINESS PAPER

Notice is hereby given in accordance with the *Local Government Act 1993* and *Local Government (General) Regulation 2005* of the below mentioned meeting.

Coastal Management Advisory Committee Meeting

Wednesday, 7 September 2022

Commencing at 4:00PM

**Shellharbour Civic Centre
Ground Floor Training Room**

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1. Acknowledgement to Country

Shellharbour City Council acknowledges the Traditional Custodians of the Dharawal Country and recognise their continued connection to the land we meet on today. We pay our respects to Elders past, present and emerging and the contribution they make to the life of this city and this region and extend our recognition to their descendants who continue to live on country.

2. Apologies/Leave of Absence**3. Confirmation of Minutes****3.1 Coastal Management Advisory Committee Meeting 8 June 2022**

That the Minutes of the Coastal Management Advisory Committee Meeting held on 8 June 2022 as circulated be taken as read and confirmed as a correct record of proceedings.

4. Disclosures of Interest**5. Presentations****5.1 Warilla Seawall Renewal Project Update**

A project update will be provided to the Committee.

6. Reports

6.1 Draft Shellharbour Coastal Management Program Scoping Study (11932077)

To the Coastal Management Advisory Committee

Directorate: Amenity and Assets
Group: Built and Natural Environment

Manager: Matthew Apolo – Group Manager Built and Natural Environment
Author: Matthew Apolo – Group Manager Built and Natural Environment

Summary

The purpose of this report is to provide the draft Shellharbour Coastal Management Program (CMP) Scoping Study to the committee, seeking feedback prior to its finalisation.

Background

Shellharbour City Council manages 7km of coastline comprising of four beaches, two boat harbours and one estuary (not including Lake Illawarra which is managed separately and is the subject of a separate CMP).

In February 2022, consultants Advisian Pty Ltd were engaged by Council to undertake the Shellharbour CMP Scoping Study for Shellharbour's open coastline from (and including) Windang Island to Bass Point and the Elliott Lake – Little Lake estuary. The development of the Scoping Study has been conducted in collaboration with the Shellharbour Coastal Management Advisory Committee and the Community.

The draft Scoping Study is nearing completion and a copy of the draft document will be provided to the Committee ahead of the November 2022 meeting.

Consultations

Internal

Manager Environment
Coastal Programs Coordinator

External

DPE - Senior Natural Resource Officer – Coast and Estuaries
Advisian Pty Ltd

The development of the draft Scoping Study has included consultation with the Shellharbour Coastal Management Advisory Committee. A face-to-face workshop with the Committee was held in April 2022, with committee members representing Council,

key Government Agency stakeholders and local community representatives. The purpose of the workshop was to:

- Communicate the scope of the CMP and an outline of what work has been done to date
- Identify the role and concerns of Agencies and the community representatives on the Coastal and Estuary Management Committee who have a stake in coastal management of Shellharbour's open coast and ElliotLake
- Formulate a Vision, Purpose, Strategic and specific Management Objectives for the Shellharbour CMP
- Identify gaps in the existing CZMP and EMP and identify risks and issues across the CMP study area

The broader community was also engaged throughout the development of the Scoping Study, including:

- a community drop-in session held at the Shellharbour Civic Centre where brochures were provided to community members and information posters/displays were available for the community's perusal. Representatives from Council and Advisian were available to speak face-to-face with interested community members about key coastal issues, risks and opportunities and to gain more information on coastal processes and coastal management in Shellharbour. The session was advertised in the local newspaper and on social media.
- an online survey and general information provided via Council's "Let's Chat" page – this received 107 responses.

Recommendation

That the Shellharbour Coastal Management Advisory Committee receive and note the Draft Shellharbour Coastal Management Program Scoping Study Update report.

Approved for
consideration:

Matthew Apolo
Group Manager Built and Natural Environment

Date of Meeting: 7 September 2022

Attachments

Nil

6.2 Shellharbour Coast and Estuary Grants Projects Update (11932056)

To the Coastal Management Advisory Committee

Directorate: Amenity and Assets
Group: Built and Natural Environment

Manager: Matthew Apolo – Group Manager Built and Natural Environment
Author: Leslie Reid – Coastal Programs Coordinator
Allison Broad – Acting Coastal Programs Coordinator

Summary

The purpose of this report is to provide an update to the Coastal Management Advisory Committee on the Coast and Estuary Grant projects, which address objectives of Council's adopted Shellharbour Coastal Zone Management Plan (CZMP).

Background

The Committee have previously been informed of the **three Coast and Estuary Grant projects** that were successfully funded under the 2021 – 2022 Coastal and Estuary Grants Program for the Implementation Stream.

A brief summary of the three grant projects funded are:

1. **Warilla Dune Restoration works** (\$91,600 over 3 years)

The restoration of Warilla sand dunes project aims to continue the restoration work to North Warilla beach sand dunes, along Pur Pur Point, Windang Bay and finishing at the Lifeguard Tower near the Warilla Barrack Point Surf Life Saving Club.

2. **Reddall Reserve and Elliot Lake Sand Scraping** (\$40,000 – less than 12 months)

To engage a contractor to perform sand scraping and foreshore nourishment within two coastal estuaries, Elliot Lake and Reddall Reserve (in Lake Illawarra).

3. **Beach Monitoring Program** – understanding our changing coastline (\$116,500 over 3 years)

This project provides beach monitoring services (BeachStat and CoastSnap) along the Shellharbour Coastline

In addition, Council also previously received funding from the 2020 – 2021 Coastal and Estuary Grants Program the Implementation Stream for the **Bass Point littoral rainforest regeneration** project (\$50,700 over 3 years). This project will focus on

protecting and enhancing coastline biodiversity at Bass Point through the conservation of high value ecosystems including threatened species and ecosystems and habitats.

Updates on the Coast & Estuary Grants

1. Warilla Dune Restoration works

Site inspections with Department of Planning and Environment (DPE), the Natural Areas Team and the Senior Coastal Officer took place in July/August. Photo point monitoring locations were chosen (Figure 1B-D).

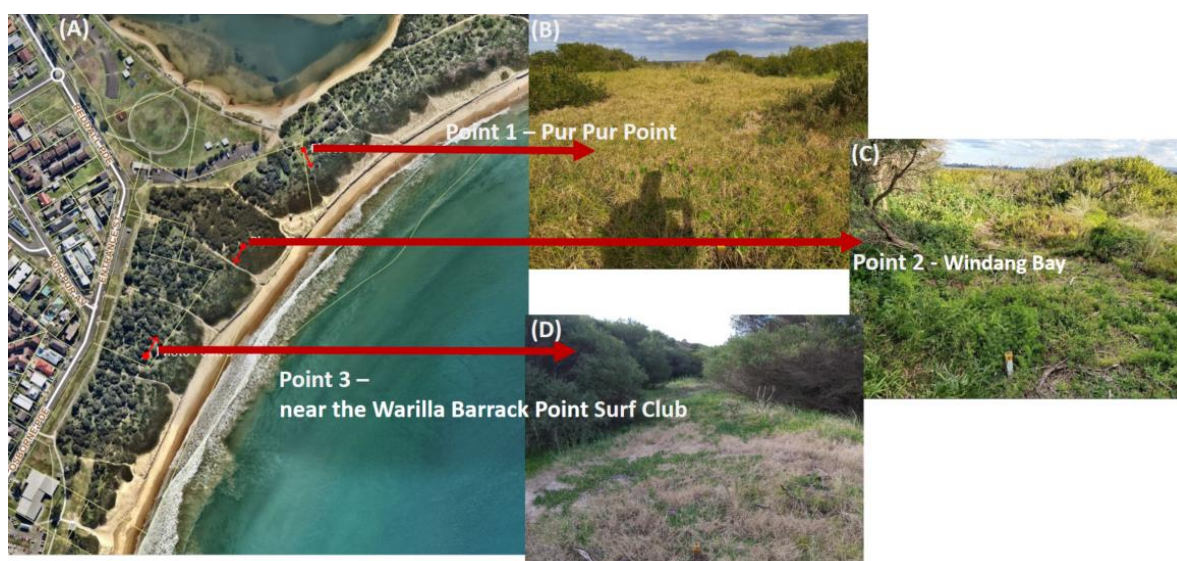


Figure 1: (A) Aerial image of Warilla Dune Restoration sites, with inset imagery **(B-D)** of on the ground sites before restoration works have commenced (9 August 2022).

Weeding and preparation of the sites for planting will commence in late August / early September.

2. Reddall Reserve and Elliot Lake Sand Scraping

Council have been continuing to monitor both Elliot Lake and Reddall Reserve after the sand scraping activities occurred in May.

Due to the on-going severe weather along the NSW Coast i.e. Frequent East Coast Low storms & continuing *La Niña* rainfall & flood events throughout 2022, it appears most of the sand restoration works have been scoured back out at both locations.

On-going management actions for these locations are being considered in the development of the Coastal Management Program (CMP).

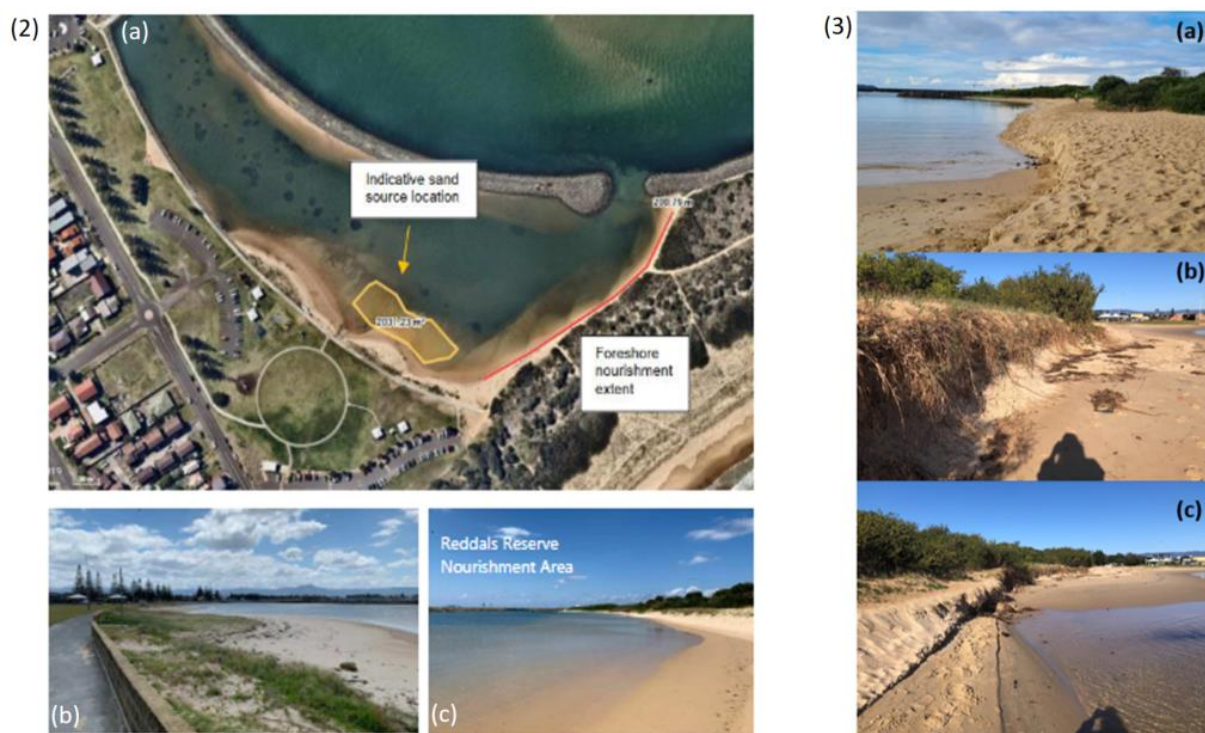


Figure 2: Images from project brief (a) Aerial image of Reddall Reserve sand scraping and foreshore nourishment sites; (b) Ground field of view of sand scraping location. Sites; (c) nourishment area at Kiyong Beach.

Figure 3: Kiyong Beach (a) north facing on 25 May 2022; (b,c) South facing on 24 August 2022.

3. Beach Monitoring Program

The beach monitoring infrastructure has been ordered and Council is awaiting delivery. The Coast Snap stations are scheduled to be installed by early September, with the Beach Stat cameras scheduled in the following weeks due to calibration requirements and custom pole fittings being ordered.

Council has actioned the Engagement and Communications Plan, preparing Council's website to go live once the stations are installed. Communications will also include an educational video titled 'How to become a citizen scientist' to help engage the community to participate.

Other educational avenues are also being considered to foster local participation in schools.

Bass Point Littoral Rainforest Regeneration

The Bass Point Littoral Rainforest Regeneration program is funded from the Department of Planning, Industry and Environment, Coast, Estuary and Floods.

Funding: \$50,700.00 over 3 years, from September 2021 – 2023 with Council contributing the same.

This project aims to undertake bush regeneration and revegetation activities within the Littoral Rainforest section of Bass Point Reserve in the Shellharbour LGA, addressing the threat of weed impacts on this vegetation community to improve its ecological integrity, habitat value, and resilience.

Expected outcomes include a significant reduction of the density and cover of weed species, an increase in native plant cover, and planting of 2000 native plants.

The project will also contribute towards achieving the following planning and environment objectives of the current CZMP:

- Link Council's coastal zone management planning with other planning processes in the coastal zone to facilitate integrated coastal zone management;
- Protect and enhance coastline biodiversity through the conservation of high value coastal ecosystems and habitat areas (including for listed threatened/endangered species and ecological communities);
- Rehabilitate priority degraded coastal ecosystems along the coastline; and
- To protect and enhance the aesthetic qualities of the coastline.

NSW DPIE *Saving Our Species conservation strategy for Littoral Rainforest* lists Bass Point as one of 19 priority management sites in the, and the *Illawarra Biodiversity Strategy 2011* lists the site as one of 13 "Highest Priority" sites for restoration works on public land.

Progress Update:

- Milestone 1 (establishing monitoring points and photos) has been completed.
- Milestone 2 (primary work including weed removal and treatment) is underway until start of September.
- Milestone 3 being plantings will commence in September.

Consultations

Internal

Bush Regeneration Leading Hand
Acting Manager Projects
Projects Delivery Officer
Community Connections

External

Department of Planning and Environment (DPE)
Water Research Laboratory (WRL)

Recommendation

That the Shellharbour Coastal Management Advisory Committee receive and note the Shellharbour Coast and Estuary Grants Projects Update report.

Approved for
consideration:

Matthew Apolo
Group Manager Built and Natural Environment

Date of Meeting: 7 September 2022

Attachments

Nil

6.3 Officer's Report – September 2022 (11932011)

To the Coastal Management Advisory Committee

Directorate: Amenity and Assets
Group: Built and Natural Environment

Manager: Matthew Apolo – Group Manager Built and Natural Environment
Author: Allison Broad – Acting Coastal Programs Coordinator

Summary

The purpose of this report to provide a general update to the Shellharbour Coastal Management Advisory Committee on coastal program matters currently being considered by Council.

BackgroundNature Talks

Council holds monthly Nature Talks in the library, hosted by Shellharbour City Libraries and Council Environment Teams. Nature Talks are designed for the community to hear from experts and researchers on a broad range of environmental topics including; biology, ecology, wildlife, conservation, climate change etc.

The topic of the upcoming Nature Talk on **15 September 2022** is titled: "*Coastal Ecosystems - Between the Land and Sea*" with Dr Kerrylee Rogers, researcher and lecturer from the University of Wollongong (UoW).

Kerrylee has researched the response of coastal ecosystems and landforms to climate change and human impacts and the presentation will cover a variety of coastal ecosystems from mangroves, salt marshes, supratidal forests and seagrasses.

Committee members are invited (and encouraged) to attend this free event. Please register via the Shellharbour City Libraries website:

<https://libraries.shellharbour.nsw.gov.au/event/coastal-ecosystems-between-the-land-and-sea>



Coastal Ecosystems: Between the Land and Sea

About this event

Coastal ecosystems provide us with a suite of benefits, including fish and waterbird habitat, coastal protection from storms, nutrient cycling, and flood storage. More recently they have been recognised for the contributions they make to mitigating climate change. However, these benefits are at risk from sea-level rise, and projecting the outcomes is now the focus of coastal ecosystem research across Australia. Presented by University of Wollongong Professor Kerrylee Rogers, a specialist on the response of coastal ecosystems and landforms to climate change and human impacts.

The Nature Talks in the Library program is coordinated by Shellharbour City

SEP.
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Nature Talks in the Library:
Coastal Ecosystems- Between
the Land and Sea

by Shellharbour City Libraries

778 followers [Follow](#)

Free

[Register](#)

Date and time

Thu., 15 September 2022
6:00 pm – 7:30 pm AEST

Location

Shellharbour Civic Centre - City Library
76 Cygnet Avenue
Shellharbour City Centre, NSW
[View map](#)

2022/23 Beach Patrol Season

The 2022/23 beach patrol season is scheduled to commence on 24 September 2022 in line with the NSW Term 3 school holidays. Both Council and volunteer lifeguards will commence their patrols at Warilla Central and Shellharbour North beaches.

Preparations are underway for another successful season, providing water safety for the Shellharbour Community.

Sydney Water Enforceable Undertaking

Council has received \$500,000 in funding from Sydney Water as an Enforceable Undertaking by the EPA. This funding will be used to restore the dune system along Shellharbour North Beach and Shellharbour South Beach.

Project duration – 2 years

Objectives;

- Restore and rehabilitate beach dunes at North and South Shellharbour Beach
- Prevent damage to beach dunes at North and South Beach Shellharbour through fencing, access improvement and education.

Works have commenced on this project and milestone reporting will be provided to Sydney Water every 6 months.

The Community education component is currently being designed and will be delivered throughout the later stages of the project.

Consultations

Internal

Beach Lifeguard Supervisor

External

Nil

Recommendation

That the Shellharbour Coastal Management Advisory Committee receive and note the Officer's Report – September 2022 report.

Approved for
consideration:

Matthew Apolo
Group Manager Built and Natural Environment

Date of Meeting: 7 September 2022

Attachments

Nil

7. General Business

8. Next Meeting

30 November 2022