



Environmental Assessment Level 2

WORK DETAILS			
Project / Activity Name	E012- Location Boat Harbour	Section undertaking Project / Activity (Proponent)	Public Domain and Services
Project Manager / Works Supervisor	Roadside and Drainage Coordinator	Timing and Duration	Maintenance activities ongoing.
Environmental Risk Level	Determined during the Initiation Phase through an Enterprise Risk Assessment. See Project Management Framework. (Low, Medium, High or Extreme)	Project / Job Number	
		EDRMS	PSC2024-04709-0001
ACTIVITY DESCRIPTION			
SECTION 1	Description	This project will deliver endorsed CMP actions E012 at Boat Harbour Beach. Action E012- Undertake an ongoing program of sand management and dune rehabilitation works for all coastal foreshore land managed by Council. This includes managing public accessways, fencing, weeding and replanting with locally endemic species. Co-benefits of this action relate to improved beach access and amenity, improved beach user safety, environmental rehabilitation, and coastal protection. E012 actions specific to Boat Harbour: Stormwater causes beach erosion at the toe of the boat ramp. Beach scraping is undertaken to address this issue around twice each year. See Appendix 3 for the E012 CMP exert. Note: scope of works for this project is sand re-distribution not sand scraping that is referenced in the CMP action. These actions are an ongoing program of works undertaken annually, noting not all activities under this action would be undertaken every year. The trigger for undertaking individual activities is largely observational, but could be supported by beach monitoring.	
	Justification and Objectives	These works are identified in the endorsed Coastal Management Program and are essential for coastal management. Action E012- The aim of this management action is to maintain beaches and associated dune systems for environmental protection and public safety purposes. The foreshores are subject to a range of coastal processes and this action provides for management of the resultant impacts on recreational access and amenity. The objectives of the works are: - Coastal protection - Environmental rehabilitation - Improved beach user safety - Improved beach access and amenity.	
	Scope of Works	The proposed activities may include: - Temporary installation of site controls for erosion and sediment, traffic control and pedestrian signage - Rehabilitation of dunes including fencing, weed control, sediment control and revegetation. - Tree maintenance – pruning, hazard reduction - Beach clean-up of debris including dead animals and beach wrack. - Mowing of turfed areas. - Sand management- Minor scale sand carting or sand re-distribution to address accretion of sand and/or erosion in areas identified in the site map, see APPENDIX 4. The CMP identifies sand management at this site as: "Stormwater causes beach erosion at the toe of the boat ramp. Beach scraping is undertaken to address this issue around twice each year." Sand may be carted from other beaches as referenced in the CMP to address the sand erosion. All activities to occur above the mean high watermark. Activity initiation is based on observation. This is an ongoing maintenance scale activity that is only undertaken to: - make safe public accessways - address minor erosion to protect the integrity of the dunes, protect for landward assets - address the inundation of recreation areas. Machinery that may be used includes: - Pozi-track - Small excavators - Long reach excavators	

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	• Backhoe • Tipper truck to deliver fill for the toe of the boat ramp • Ride on lawn mower • Edger • Auger • Chainsaws • Battery operated hand tools Key processes: • Revegetation works – digging small scale planting holes, native planting and erosion control • Delivery of materials – small tipper truck and/or work ute deliveries of materials. Heavy haulage vehicles may be required on occasion. • Demolition – limited to removal of old and/ or damaged fencing as part of maintenance activities and any failed plantings. • New/ replacement fencing - Post hole digging to a typical depth of approx. 800mm. May also include staked fencing driven into existing ground; primarily wind blown sands. Timer, shade cloth, wire. • Stockpiling – Mostly existing materials on site, or sand from within the system. imported material such as gravel for access • Machinery, Vehicles and tools – typically small trucks/utes and earth moving equipment, auger, ditch witch. • Weeding – low impact, hand removal expected. Use of herbicides may be required. • Irrigation – utilisation of existing irrigation systems where feasible. Establishment irrigation by hand or vehicle mounted equipment may be required
Consideration of Alternatives	Works are actions within certified CMP. No alternate actions were identified within the document. A “do nothing” approach will lead to greater degradation of the coastal environment.
LOCATION	
Address (including Lot and DP)	1A Ocean Parade, Boat Harbour LOT: 7027 DP: 1053966 PSC Crown Land Manager Zoning C2- Environmental Conservation 44 Kingsley Drive, Boat Harbour LOT: 20 DP: 1004141 Port Stephens Council Zoning RE1- Public Recreation 23A Graham St, Boat Harbour LOT: 14 DP: 216616 Port Stephens Council Zoning RE1- Public Recreation 5 Noamunga St, Boat Harbour LOT: 7028 DP: 1053964 PSC Crown Land Manager Zoning- C3 Environmental Management See APPENDIX 4 for mapping.
Landowner	☒ Port Stephens Council ☒ Other- Crown Land managed by Port Stephens Council
	Date of Site Inspection 29 July 2025
Existing Environment	Boat Harbour Beach in Boat Harbour, New South Wales, is a popular destination. It's a 200-meter long, curving sandy beach located within a protected cove. The beach adjoins Council managed Crown Land to the north and south with recreational infrastructure, natural bushland and rocky escarpment. Private residences border the beach to the west. There is recorded sightings of threatened fauna within the site and the waterway is part of the Port Stephens- Great Lakes Marine Park. The boat ramp is popular with commercial fisherman and recreational boaters however it is subject to erosion issues. There are two open stormwater drains within the works area.

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Photo 1- Erosion at the Southern Beach Pedestrian Access Point. 29 July 2025.

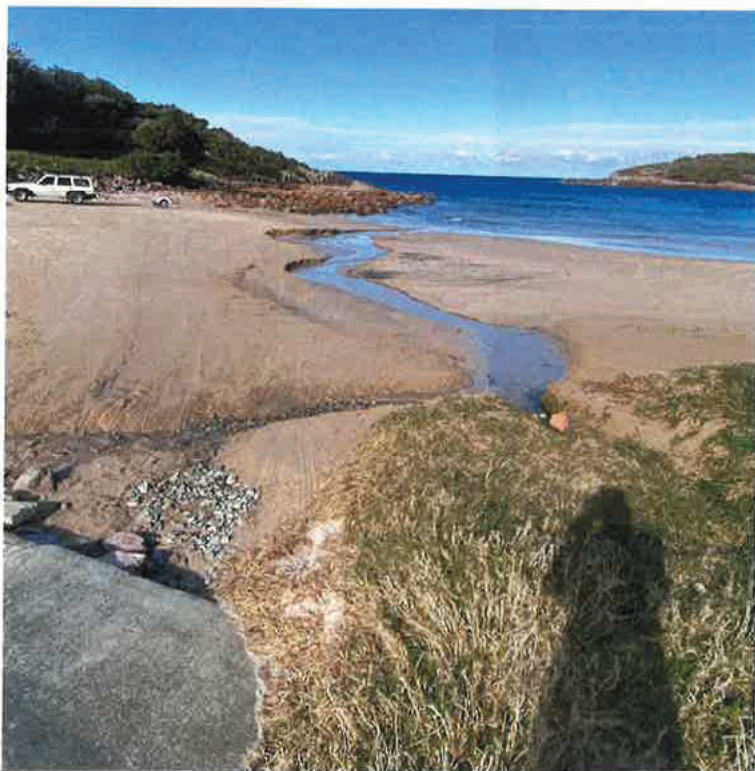


Photo 2 and 3- Erosion at the Northern End of Beach- Boat Ramp. 29 July 2025.





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APPROVAL PATHWAY

These Environmental Assessment forms are for Pathway 3: Part 5 Environmental Assessment under SEPP (Transport and Infrastructure) only.

See Environmental Assessment Guide - Planning Pathway Overview Chapter (and Flowcharts) for support in this Section.

Pathway 1: Local Development (Part 4) → if YES, commence a Development Application

Are the works **Permitted with Consent** under **SEPP (Transport and Infrastructure)**?

See Environmental Assessment Guide : Planning Pathway Overview Chapter : Flowcharts Planning Pathway

Yes ☐

No ☒

Do the works trigger the **SEPP (Resilience and Hazards)**?

See Environmental Assessment Guide : Planning Pathway Overview Chapter : Flowcharts SEPP (Resilience and Hazards)

Yes ☐

No ☒

Pathway 2: Tree / Vegetation Removal → if YES commence an Environmental Assessment : Trees & Vegetation

Is this activity solely involving vegetation and/or tree removal?

See Environmental Assessment Guide : Planning Pathway Overview Chapter : Flowcharts tree removals

Yes ☐

No ☒

Pathway 3: Transport and Infrastructure SEPP (Part 5)

a) Is the activity permissible under the **LEP**? (i.e. not listed as Prohibited in the Land Use Table?)
If NO, rethink the proposed activity and its location. If YES move to (b).

Yes ☒

No ☐

b) Are the works permitted as **Exempt** under **SEPP (Transport and Infrastructure)** but assessed as greater than negligible in Section 3 Environmental Impact Triggers in the Environmental Assessment Level 1 Form?

Yes ☐

No ☒

Clause:

Or

c) Are the works **Permitted without Consent** under **SEPP (Transport and Infrastructure)**?

Yes ☒

No ☐

Clause:

Clause: Division 25, 2.165, 1.

If YES to either of these questions, move to Section 3: Environmental Impact Triggers of this Form.

SECTION 2

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SECTION 3

ENVIRONMENTAL IMPACT TRIGGERS		
<i>See Environmental Assessment Guide – Technical Specialists & Impact Assessments Chapters for support in this Section.</i>		
BIODIVERSITY - Known impact to Threatened Species or Ecological Communities (including clearing of habitat) - Known impact on SEPP (Koala Habitat Protection) - Known impact to areas mapped on the Biodiversity Values map - Working within a declared area of <u>outstanding biodiversity value (AOBV)</u>	Site may contain threatened species however these works are maintenance activities and controls in EA will ensure there will be no known impacts.	No
COASTAL Known impact to SEPP (Resilience and Hazards) mapped areas (including proximity) of Coastal Wetland and/or Littoral Rainforest while undertaking exempt works? <i>See Environmental Assessment Guide : Planning Pathway Overview Chapter : Flowcharts SEPP (Resilience and Hazards)</i>	No SEPP Coastal Wetland or Littoral Rainforest mapped onsite.	No
HERITAGE Known impact to Aboriginal and / or non-indigenous heritage?	No known heritage sites within works area. Controls in this EA intend to mitigate any potential for impact.	No
NATIONALLY SIGNIFICANT Potential impact to Matters of National Environmental Significance? <i>Environment Protection and Biodiversity Conservation Act 1999</i>	Migratory birds recorded within works vicinity however works will have no known impact.	No
<i>If all of the above are NO, continue with this Level 2 Environmental Assessment.</i>		
<i>STOP: If you've said YES to any of the above criteria, move to a Level 3 Environmental Assessment and / or talk to the relevant technical specialist. See Environmental Assessment Guide – Technical Specialists & Impact Assessments Chapters.</i>		



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SECTION 4 : Approvals, Concurrence, Licences, Permits and Notification

See Environmental Assessment Guide, External Agency Consultation for support in this Section.

Specifically refer to **Flowchart: Publishing EAs on Council's Website** to determine if this assessment requires publication on Councils website.

The permits/licences highlighted below will trigger publication onto Councils Website

	Trigger	Type	Authority	Applicability
Land Owner	Working on land not owned or controlled by PSC	Land owner consent Land access licence	Marine Parks, Hunter Water, Forestry, National Parks, Australian Government	No
	Working on Crown Land and disturbing the ground	Native Title Referral	Port Stephens Council- refer to Strategic Property NTS Corp	Yes
	All works on Crown Land	Land Claim Search and Assessment	Port Stephens Council- refer to Strategic Property	Yes
National Parks	Working adjacent to a national park, nature reserve or other area reserved under NPW Act 1974	Written notice of intention to carry out works and scope of works to NPWS	National Parks and Wildlife Service (NPWS)	Yes
Roads	Working on a classified road not under PSC control or agreement	Concurrence	Transport for New South Wales	No
Water	Natural water usage (cewatering or ground water use)	Water Access Licences and work/use approvals	NSW Department of Climate Change, Energy, the Environment and Water	No
	Discharging to sewer	Trade Waste Agreement	Hunter Water	No
Utilities	Earthworks near services (gas, telecommunications, electricity, water)	Before you Dig check	Before you dig Australia	Yes
	Working in a mine subsidence area	Approval	Subsidence Advisory NSW Government	No
Heritage	Working near items on the State Heritage Register	Heritage Act: S57(2) exempt notification S60 approval S140 excavation approval	NSW Department of Climate Change, Energy, the Environment and Water	No
	Harm or potential harm to Aboriginal objects and places	Aboriginal Heritage Impact Permit (AHIP) S90 NPW Act	NSW Department of Climate Change, Energy, the Environment and Water	No
	Local heritage item	Concurrence	Port Stephens Council	No
Waterways/ Marine	Working near or in a Marine Park	Marine Park Permit	Department of Primary Industries (Marine Parks)	Yes
	Constructing a fixed or floating structure in or over navigable waters (e.g. new boat ramp)	Written notice of intention to carry out works and scope of works to Transport for NSW	Transport for NSW	No
	Dredging or reclaiming of waterways	Land owner consent 1. Fisheries Permit S201 2. Marine Park Permit 3. Crown Land License	Land owner: 1. DPI (Fisheries) 2. DPI (Marine Parks) 3. DPE (Crown Lands)	No
		Environmental Protection Licence (EPL)	NSW Environmental Protection Authority (EPA)	No
	Controlled activity in, on or under waterfront land	Controlled Activity Approval	NSW Department of Climate Change, Energy, the Environment and Water	No
	Use explosives or electrical devices in a waterway	Fisheries Permit	DPI (Fisheries)	No
Flora and Fauna	Working near aquatic reserves, habitat or marine vegetation	Fisheries Permit S205	DPI (Fisheries)	Yes - Assessment requires publication on PSC Website

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	Obstructing fish passage	Fisheries Permit S219	DPI (Fisheries)	No
	Taking or possessing fish or marine vegetation Undertaking Aquaculture	Fisheries Permit S37 /S144	DPI (Fisheries)	No
	Working near or with threatened species or part of an ecological community.	Threatened Species Licence	NSW Department of Climate Change, Energy, the Environment and Water	No
	Research, education or conservation activities involving protected, threatened and/or endangered species.	Scientific Licence	NSW Department of Climate Change, Energy, the Environment and Water	No
	Harm of native fauna	Licence	National Parks and Wildlife Service (NPWS)	No
Pollution and hazards	Noise	Showing inconsistency with Construction Noise Guidelines	NSW EPA	No
	Pollution / Scheduled Activity	Environmental Protection Licence (EPL)	NSW EPA	No
	Asbestos removal	Licenced removalist	SafeWork NSW	No
	Storage of hazardous chemicals	Hazardous chemical notification	SafeWork NSW	No
Flooding	Carry out development that may be permitted without consent under a relevant provision (see s2.13 SEPP T&I) on flood liable land	Written notice of intention to carry our works and scope of works to State Emergency Service	State Emergency Service (SES)	No
Mine Subsidence	Development on land in a mine subsidence district	Written notice of intention to carry our works and scope of works to Mine Subsidence Board	Mine Subsidence Board	No
National	Matters of National Environmental Significance	Concurrence and permit EPBC Act	Australian Government (Department of Climate Change, Energy, the Environment and Water)	No



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SECTION 5 : Environmental Impact Assessment

Aspect: If the aspect is applicable to your activity undertake the impact assessment. If the aspect is not applicable to your activity, the impact assessment is not required but you may provide evidence as to why it is not applicable eg. dates and outcomes of GIS searches and communication with technical specialists.

Impact Description: If the aspect is applicable, you must identify and describe the specific impacts from the activity. Descriptions can include the cause, extent, severity and duration; identification of any source and receivers; if the impact is current, occurs only during works or continues post works.

Impact Without Control: Consider the level of impact from what you've described without any environmental controls identified.

Environmental Controls: If impact without control is greater than negligible, identify appropriate environmental controls to reduce impact. Hierarchy of environmental controls include Elimination, Substitution, Engineering, Administration, Safeguards. Refer to the standard bank of controls document for further guidance.

Impact With Control: Considering the initial impact of the activity and your identified environmental controls, determine the final impact on the environment from the activity.

Aspect	Impact Description	Impact Without Control	Environmental Controls	Impact With Control
AIR	Dust <i>Applicable</i> Potential for dust generation due to vehicle movements and plant operations. Dust emissions are expected to be negligible due to the large particle size of the sand and unlikely disturbance to other soils. Air quality is unlikely to be significantly affected and dust generation is expected to be minimal. Sensitive receivers are residential housing adjoining the foreshore.	<i>Minor: Dust generated during works but confined to the site.</i>	- Dust complaints will be dealt with in accordance with Council's complaints handling procedures and the source eliminated or reduced where practical. - Access to work sites and around work areas will be via existing boat ramp to reduce disturbance. - Workers to monitor weather conditions and ensure no disturbance to sand is made during high wind events. Dust generation to be visually monitored and controlled if required.	Minor: Dust generated during works but confined to the site.
	Odours <i>Applicable</i> Minimal odours from: - Fumes generated from plant- vehicles, machinery, excavators and equipment exhaust. Odours will be only short term. The air quality is unlikely to be significantly affected. Sensitive receivers are adjacent to beach accessways. There may be minimal odours experienced temporarily: - Residential housing adjoining the foreshore.	<i>Minor: Minor odour detectable during works with complaints unlikely.</i>	- Plant and materials used in construction will be maintained, serviced and stored in accordance with all relevant standards and procedures. - Complaints will be dealt with in accordance with Council's complaints handling procedure and the source eliminated or reduced where practical.	Minor: Minor odour detectable during works with complaints unlikely.

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	Emissions <i>Applicable</i>	Potential for emissions generated from heavy machinery and plant exhaust. This will be limited and short term. The air quality is unlikely to be significantly affected. Sensitive receivers are residential housing adjacent to the foreshore.	<i>Minor: Minor emissions release short-term.</i>	- All vehicles and plant will be maintained to industry standards to maintain exhaust emissions within manufacturer's specifications. - Plant and vehicles will not be left running or idling for long periods when not in use.	Minor: Minor emissions release short-term.
	Aspect	Impact Description	Impact Without Control	Environmental Controls	Impact With Control
NOISE	Noise <i>Applicable</i>	Existing noise sources along the foreshore occur from: - Visitor behaviour and vehicle movement; - Noise from residential housing. The project is anticipated to generate minor noise impact from the following sources: - Personnel; - Vehicle movement; and - Plant use. Sensitive receivers are residential housing adjoining the foreshore. The impact from noise is anticipated to be short-term.	<i>Minor: Minor noise detectable during works with complaints unlikely.</i>	- Plant will only be utilised during ordinary maintenance working hours. - Plant and materials will be maintained in accordance with all relevant standards and procedures to reduce noise created. - All plant used will comply with the Australian Standards. - Plant which is used intermittently will be either shut down in intervening periods or throttled down to a minimum. - Plant and vehicles will not be left running or idling for long periods when not in use. - Noisy plant where possible will be positioned and orientated so as to minimise impact to nearby public and residents. - Any noise complaints would be addressed immediately in accordance with Council's complaints handling procedure and resolved where possible.	Minor: Minor noise detectable during works with complaints unlikely.
	Vibration <i>Applicable</i>	Minimal localised vibration may occur from heavy machinery. No anticipated impact to structures. Sensitive receivers are residential housing adjoining the foreshore.	<i>Minor: Minor vibration detectable during works with complaints and asset damage unlikely.</i>	- Plant and machinery will only be utilised during ordinary maintenance working hours. - Complaints will be dealt with in accordance with Council's complaints handling procedure.	Minor: Minor vibration detectable during works with complaints and asset damage unlikely.
	Aspect	Impact Description	Impact Without Control	Environmental Controls	Impact With Control
WATER	Stormwater <i>Applicable</i>	The works area contains stormwater assets. There are two open drains within the works area and two headwall outlets for the local stormwater network. While unlikely, there is a risk that sand scraping or disposing could impact stormwater functions.	<i>Negligible: Minimal to no change to stormwater quality or flows.</i>	- Personnel to be inducted on the stormwater infrastructure locations. See Appendix 5 for stormwater infrastructure mapping. - Works to planned to ensure there will be no impact to the stormwater networks.	Negligible: Minimal to no change to stormwater quality or flows.

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	Groundwater <i>Not Applicable</i>	See <i>Erosion and Sediment and Contamination</i> for impacts relating to pollution and run-off. Groundwater not anticipated at the site due to depths of excavation limited to approximately 800mm. Unlikely that groundwater will be detected.	Negligible: No disturbance of groundwater.	- See <i>Erosion and Sediment and Contamination</i> for controls relating to pollution and run-off. - If groundwater is detected, follow the Council's <i>Unexpected Finds Field Guide</i> process- see APPENDIX 6.	Negligible: No disturbance of groundwater.
	Water Bodies <i>Applicable</i>	Project site does not contain wetland or natural watercourse. Works are adjacent to the Port Stephens- Great Lakes Marine Park Habitat Protection Zone. See APPENDIX 7 for Marine Park mapping. Marine Park Permit application to be undertaken. There is a risk the works will: minor potential for pollution to the marine park through inadequate sediment control or pollution from an event such as plant oil spill or inappropriate handling of chemicals.	Minor: Works will be carried out within a water body and may cause minor temporary change.	- Marine Park Permit required. - Staff to be inducted on location of the Marine Park. See APPENDIX 7. - No stockpiling to be undertaken below the mean high watermark. - Works to be planned to ensure no unnecessary plant activity/movement occurs on the beach. - In the unlikely event a pollution incident occurs, works must cease. The <i>Environmental Incident Procedure</i> must be followed. The incident immediately reported through to the Environmental Risk Manager. See Controls: <i>Erosion and Sediment; Stockpiles; Waste, Flora and Fauna; Contamination, and Chemicals.</i> *DOUBLE CHECK RELEVANCY	Minor: Works will be carried out within a water body and may cause minor temporary change.
Aspect		Impact Description	Impact Without Control	Environmental Controls	Impact With Control
SOIL	Erosion and Sediment <i>Applicable</i>	The ongoing maintenance activities are anticipated to have positive impact by protecting dune stability and will prevent erosion caused by undesirable pedestrian activity. Potential negative impacts: - The works are proposing the movement of exposed sand soils. Erosion and sediment impacts are expected to be low as the sites have been previously disturbed. - Fill may be required to address erosion at the toe of the boat ramp. This will introduce sediment that may be disturbed by environmental conditions such as rain, tide and wind.	Minor: Erosion disturbance and release of sediment but contained within the site.	- Refer to Council's <i>Erosion and Sediment Control Field Guide</i> and <i>EMS 3.0 Environmental Factsheet EFS 03 Stockpiling</i> provided under the Council's environmental management system. Works are to align with the <i>NSW Managing Urban Stormwater: Soils and Construction V1 "Blue Book"</i>. - All erosion and sediment controls will be put in place prior to excavation activities and remain in place until maintenance is completed and the site rehabilitated. - Erosion and sediment control measures will be routinely inspected and maintained. This includes before and after expected heavy rainfall, with any issues corrected promptly.	Minor: Erosion disturbance and release of sediment but contained within the site.

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	- Vehicle/machinery movements could damage vegetation and lead to erosion. - Clearing/die off of weeds may cause unconsolidated ground to be exposed		- Disturbed areas will be stabilised as soon as practically possible. - Works exposing soils would be only undertaken when heavy rain is not predicted within the following 24 hours, unless emergency works are required. - Access to work sites and around work areas (where appropriate) would be planned and managed to reduce disturbance and take into consideration coastal conditions including tide. Vehicle and machinery movements must be minimised during and immediately following wet weather. - Run-off shall be diverted around the work site and erosion sediment control devices shall be installed immediately downslope of disturbed areas. - Spot pesticide spraying is preferred over blanket sprays. Blanket spraying will not occur on slopes. Systematic project management of spraying to limit exposed top soil. Selective herbicide use.	
Acid Sulphate Soils <i>Not Applicable</i>	Site is a Class 4 and 5 Acid Sulphate Soils (ASS). See APPENDIX 8 for site ASS identified mapping. It is not anticipated that ASS will be disturbed due to the depths of works.	<i>Negligible: No Acid Sulphate Soils present or disturbed.</i>	If ASS is exposed, works must cease works and the Project Manager and Enterprise Risk Manager notified. The <i>Unexpected Finds Field Guide</i> process is to be followed.	Negligible: No Acid Sulphate Soils present or disturbed.
Contamination <i>Applicable</i>	No contamination is expected to be uncovered onsite. While unlikely, there is potential for contamination of the site through: - Spill/release of oils, fuels, pesticides; - Incorrect handling or storage of chemicals; - Pollution for incorrect disposal of waste.	<i>Negligible: No contaminants present or used.</i>	- Plant to be in good working order, refuelling in controlled/ appropriately bunded areas (not on beach areas) and spill kits onsite with appropriate emergency spill response procedures in place. - Personnel vehicles to be parked in formalised car parking areas. - All Plant to be serviced and stored in accordance with manufacturer specifications and standards.	Negligible: No contaminants present or used.

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			• All staff will be trained in spill response procedures and all spills will be cleaned up immediately. • Equipment will not be used if there are any signs of fuel, oil or hydraulic leaks. Leaks will be repaired immediately or the equipment will be removed from site and replaced. • Chemicals including pesticides are to be handled and stored as per manufacturers Safety Data Sheets (SDS). No chemicals to be stored on the beach. • All imported materials are to be tested and classified prior to placement. • If contamination is found on-site, refer to the <i>Unexpected Finds Field Guide Handbook</i>. • See Controls: <i>Waste and Chemicals</i>.	
Aspect	Impact Description	Impact Without Control	Environmental Controls	Impact With Control
FLORA & FAUNA	Work site has documented sightings of a number of threatened native fauna and migratory bird species. It can be anticipated that native fauna may be present on-site during works. The works should have a positive impact on native fauna through the improvement of habitat and control of pedestrian access. There is potential the following negative impacts could occur: • There is potential that maintenance activities could temporarily disturb or injure native species from noise and additional movements of people and vehicles/machinery during works. • There is potential for temporary disturbance to beach dwelling fauna where beach areas are used for site access and movement of people and machinery. • There is potential for fauna to traverse the site during maintenance operations.	<i>Negligible: Native fauna and its habitat may be present on-site but not impacted.</i>	• The works area must be inspected visually at the commencement of work each day for any fauna, nests or dreys • If fauna is passing through the site, cease works within 100 m of the fauna and allow fauna to move through the site without undue duress or harassment. • If the fauna is not passing through the site, the Project Manager must contact the relevant internal environmental officer. Follow the <i>Unexpected Finds Field Guide</i>. • If any injured fauna is present, the <i>Unexpected Finds Field Guide</i> process must be followed. • To minimise impact of habitat loss from weed removal- if nests/dreys are found within weed areas, segmented systematic control of prolific vegetation must occur to allow for migration and mitigation of habitat destruction. The Project Manager must contact Council environmental officer for advice. • Where practicable, work vehicle access and parking to be restricted to designated work areas and existing formed access tracks and pathways to prevent any damage to habitat.	Negligible: Native fauna and its habitat may be present on-site but not impacted.

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		- There is potential for fauna habitat disturbance or damage to occur onsite due to movement of people, machinery/equipment, chemical spill such as fuel/oil, inappropriate use of pesticide. - There is a potential that weeds may provide habitat for fauna and weed removal/spraying will cause destruction. - Overhanging branches or vegetation pruning may be undertaken for hazard reduction or to ensure public access and may impact fauna habitat.		- If harm occurs to fauna or their habitat, works must cease and the <i>Environmental Incident Procedure</i> must be followed. The incident must be immediately reported through to the Environmental Risk Manager. - Materials, plant and equipment will not be placed in a manner that could result in damage to surrounding vegetation. - Pesticide application will be undertaken by suitably qualified and experienced personnel and in accordance with the <i>NSW Weed Control Handbook</i>. Use of appropriate herbicides, monitor weather conditions, DELTA T, spill kits, proper hygiene controls. - Chemical/Pesticide to be managed as per Section <i>Hazardous Materials</i>. - Vegetation to be inspected prior to pruning to ensure there are no tree hollows, nests that will be impacted. If fauna or hollows/nests are discovered, the Project Manager is to contact internal environmental specialist for further advice.	
	Native Flora (Vegetation including trees) <i>Applicable</i>	The majority of the works area is mainly cleared of vegetation. There are however sections of vegetation classified as Coastal Sand Banksia Scrub and Fore-dune Spinifex. Vegetation onsite is identified are mainly cleared koala habitat. The works should have a positive impact on native flora through the removal of weeds, control of pedestrian access/erosion and additional native planting. There is potential the following negative impacts could occur without controls: There is potential that workers may inaccurately identify native flora species and remove or damage them.	<i>Negligible: Native flora is present on-site but not impacted.</i>	- All workers to be experienced in Plant ID skills to ensure correct identification of native flora, invasive species and threatened species. - If threatened flora is unexpectedly identified onsite, the area is not to be disturbed and the Project Manager must notify the relevant internal staff with environmental technical expertise. See the <i>Unexpected Finds Field Guide</i>. - Materials, plant and equipment will not be placed in a manner that could result in damage to surrounding vegetation. - Where practicable work vehicle access and parking is to be restricted to designated work areas and existing formed access tracks, pathways and hard stand areas like car parks to prevent any damage to habitat. - If harm occurs to native flora, works must cease and the <i>Environmental Incident Procedure</i> must be followed. The incident must	Negligible: Native flora is present on-site but not impacted.

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	- There is a potential that the movement of machinery, vehicles or people may trample/damage native vegetation. - There is a potential vegetation will be covered by sand where sand replenishment/movement is undertaken. - There is a potential that incorrect pesticide application and other chemicals from vehicles/machinery/human pollution may impact native vegetation. - There is potential that vegetation pruning or removal of non-native or dead trees cause habitat loss or requires a permit.		- be immediately reported through to the Environmental Risk Manager. - Vegetation to be inspected prior to pruning to ensure there are no tree hollows, nests that will be impacted. If fauna or hollows/nests are discovered, the Project Manager is to contact Council's internal environmental specialist for further advice. - Pesticide application will be undertaken by suitably qualified and experienced personnel and in accordance with the NSW Weed Control Handbook. Use of appropriate herbicides, monitor weather conditions, DELTA T, spill kits, proper hygiene controls. - Follow Council's Enterprise Risk Management System's <i>Mulch Risk Management Protocol</i>. - Chemical/pesticide to be managed as per Section "Hazardous Materials".	
Aquatic Flora & Fauna <i>Applicable</i>	Works are adjacent to the Port Stephens- Great Lakes Marine Park Coastal Habitat Protection Zone. Marine Park Permit application to be undertaken. The Marine Park contains valuable flora and fauna and registered sighting of a Loggerhead Turtle is recorded onsite. While unlikely, the following impacts could occur: - Aquatic fauna or their nests on the beach could be disturbed or injured by noise and additional movements of people and vehicles/machinery during works. - Pollution/contamination from a chemical spill into the waterway damaging aquatic fauna or flora. - Localised direct impact to benthic infauna from sand management activities.	<i>Moderate: Aquatic flora and fauna are known within the locality and could be impacted.</i>	- See Environmental Controls for <i>Native Flora, Native Fauna, Contamination, Erosion and Sediment, Chemicals, and Stockpiles</i>. - Marine Park Permit required. - No works to occur below the Mean High Water Mark. - All staff are to be inducted on the potential for encountering aquatic fauna onsite. - Plan any sand placement and scraping works in advance and minimise disturbance footprint. - Removal of wrack and debris is confined to above Mean Low Water Mark. Removal is to occur 2 hours either side of the predicted low tide. Removed wrack or other debris is not deposited on live marine vegetation. - Access to beach is to be limited to the required works only. No parking of vehicles is to occur on the beach.	Minor: Aquatic flora and fauna are known within the locality but won't be impacted.
Threatened Species & Endangered Ecological Communities	The work site and supporting car park area have a number of recorded threatened native fauna sightings. See Appendix 9 for mapping of previous fauna sighting and migratory birds. Species:	<i>Minor: Species, populations or communities are known within the locality but won't be impacted.</i>	- See Environmental Controls for <i>Native Fauna and Native Fauna</i>. - Activities must not harm Threatened Flora or Fauna. All staff are to be inducted on the	<i>Minor: Species, populations or communities are known within the locality but won't be impacted.</i>

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	Applicable	• Pied Oystercatcher • Koala • Sooty Oystercatcher • White-bellied Sea Eagle • Eastern Osprey • Loggerhead turtle Recordings on additional flora/fauna species on southern Headland outside of works area: • Gang-Gang Cockatoo (potential to traverse work site). • Coast Headland Pea- Flora that will not be impacted by works. Outside works area. • Brush-tailed Phascogale (potential to traverse work site). Nationally significant Migratory Birds within vicinity of project site: - Crested Tern - Arctic Jaeger - Pomarine Jaeger - Wedge-tailed Shearwater - Caspian Tern See <i>Native Fauna</i> and <i>Native Flora</i> for potential impacts.		potential for threatened fauna onsite and experienced in plant ID skills. • If harm to Threatened Species occurs, works must cease and the <i>Environmental Incident Procedure</i> must be followed. The incident immediately reported through to the Environmental Risk Manager.	
	Sensitive Areas Applicable	The project site contains a number of zonings- C2 Environmental Conservation, C3 Environmental Management and RE1 Public Recreation. The site is considered "Mainly Cleared" in Koala Habitat mapping however there are been recorded sightings within the works site. See APPENDIX 10 for site Koala Habitat mapping. This project should have a positive impact environmentally through improved control of pedestrian access, weed removal and revegetation. There are potential risks to the environment. See <i>Native Fauna</i> and <i>Native Flora</i> for potential impacts.	<i>Minor: Sensitive areas are known within the locality but won't be impacted.</i>	• See Environmental Controls for <i>Native Fauna</i> and <i>Native Fauna</i>.	Minor: Sensitive areas are known within the locality but won't be impacted.

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	Priority Weeds, Feral Animals and Pathogens (Biosecurity) <i>Applicable</i>	A number of invasive species (see APPENDIX 11) have been mapped within or adjacent to the site including: - Chinese Violet - Opuntia and Cylindropuntia - Mother of Millions Invasive species referral is completed and a site visit on 6/8/2025 found Chinese Violet, Mother of Millions and Opuntia & Cylindropuntia.	<i>Negligible: Noxious weeds, feral animals and pathogens could be present within the locality but won't be impacted.</i>	- PDS to do a toolbox with Invasive Species annually The following controls are from the Invasive Species Referral. See APPENDIX 12: Prior to works commencing - Weed control requirements included in induction - Removal, treatment and/ or suppression must be undertaken of Chinese Violet, Mother of Millions and Opuntia & Cylindropuntia. - Using approved bush regeneration techniques. - Under the supervision of a suitably qualified and experienced bush regenerator. - In accordance with the requirements of the NSW Biosecurity Act 2015, associated Regulations and NSW Weed Control Handbook. - Given the work, the potential of weed spreading is minimal so long as machine hygiene is practiced. Any priority weeds found on site must be disposed of correctly During works - For invasive weed species: - If priority weeds not previously identified are observed, cease works in the vicinity and follow the Unexpected Finds Procedure. - Minimise work during excessively wet or muddy conditions where possible. - Restrict vehicles and personnel to designated tracks, trails and parking areas. Where possible park and turn-around on hard, well drained surfaces. - Only hard well-drained surfaces will be used for parking and as turn-around points	<i>Negligible: Noxious weeds, feral animals and pathogens could be present within the locality but won't be impacted.</i>
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				- c All machinery, plant, equipment, vehicles and boots should be clean prior to entry to the site. - c Any fill, soil, mulch or plants brought onto site for landscaping purposes must be free of priority weeds and/ or weed seeds, cane toads, pathogens or any of the imported pest ant species. • The site has been identified as being affected by a biosecurity matter Chinese Violet, Mother of Millions and Opuntia & Cylindropuntia. All soil or vegetation being transported offsite must be disposed of at an appropriately licenced waste facility. Failure to do so may constitute an offence under Section 23 of the <i>NSW Biosecurity Act 2015</i>. Works must be undertaken in accordance with the <i>Biosecurity Permit</i> for the activity. • Clean all machinery, plant, equipment and vehicles that have operated onsite thoroughly. Establish a wash down area and monitor the presence of Biosecurity Matter, biosecurity matter. Cleaning would include the removal of all mud and plant matter, followed by washing with high pressure water. Upon completion of works & operation and maintenance • Removal, treatment and/ or suppression of priority weed must be undertaken: - o In accordance with any advice of Council's Invasive Species Planner. - o Using approved bush regeneration techniques. - o Under the supervision of a suitably qualified and experienced bush regenerator. - o In accordance with the requirements of the <i>NSW Biosecurity Act 2015</i>, associated Regulations and <i>NSW Weed Control Handbook</i>.	
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Aspect		Impact Description	Impact Without Control	Environmental Controls	Impact With Control
HERITAGE	Aboriginal Applicable	Worimi LALC has been notified of the maintenance program and requires further information on activities prior to works occurring. Much of the site is highly disturbed through previous foreshore works and natural processes. There are no AHIMS sites recorded within the works area. See APPENDIX 13 for the AHIMS report (Client Services ID: 1024594, 17 July 2025). This project will have a positive impact to potential Aboriginal heritage through the stabilisation of the dune and controlling public access points. This will minimise erosion and the risk of aboriginal artefacts being exposed. While unlikely, there is potential for Aboriginal heritage harm as excavation activities are being undertaken.	<i>Minor: Aboriginal artefact, object or places are known within the locality but won't be impacted.</i>	- Engage with Worimi Cultural Officers to discuss scope of works prior to any works occurring. If additional environmental controls are raised by Worimi LALC to protect aboriginal heritage, they are to be documented and issued as part of project initiation documentation. All staff are to be inducted on: - The controls within this EA. - Examples of aboriginal objects for identification purposes. See APPENDIX 14. - If suspected Aboriginal objects are located, works must immediately cease, the item protected (no-go zone with tape) and the incident immediately reported through to the Environmental Risk Manager. The <i>Unexpected Finds Field Guide</i> must be followed. - If human remain are found, works must immediately cease, the item protected (no-go zone with tape) and the incident immediately reported to NSW Police then the Environmental Risk Manager. The <i>Unexpected Finds Field Guide</i> must be followed. - Their statutory obligations for heritage under the <i>NSW National Parks and Wildlife Act 1974</i> it is an offense to harm Aboriginal objects by destroying, defacing, or damaging them, or by moving an Aboriginal object from the land.	Minor: Aboriginal artefact, object or places are known within the locality but won't be impacted.
	Non-Indigenous Applicable	No anticipated impact to non-indigenous heritage. No known non-indigenous heritage sites. There is an unlikely risk that non-indigenous heritage is found during excavation works.	<i>Negligible: Non-Indigenous heritage items are not known within the locality.</i>	If suspected non-indigenous objects are located, works must immediately cease, the item protected (no go zone with tape) and the incident immediately reported through to the Environmental Risk Manager. The <i>Unexpected Finds Field Guide</i> must be followed.	Negligible: Non-Indigenous heritage items are not known within the locality.
Aspect		Impact Description	Impact Without Control	Environmental Controls	Impact With Control
SOCIAL	Amenity & Community Disturbance	Works will have a positive impact on the amenity of the site.	<i>Minor: Amenity and/or the community will be disturbed during works but is managed in</i>	Contact Council's Volunteer Support Officer and undertake engagement with Boat Harbour Parks and Reserve committee. Committee may be interested in works and may collaborate.	Minor: Amenity and/or the community will be disturbed during works but is managed in

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Applicable	The community has a vested interest in the maintenance of the foreshore and have been informed of the works through the CMP development and adoption. Works may cause temporary disturbance and impacts to amenity, including: - There may be periods of inconvenience to the public where access is temporarily impacted. - Temporary impacts may occur at the boat ramp. There is risk this may impact commercial fishing operations. - Noise from machinery may temporarily disturb recreational enjoyment of the beach area.	<i>accordance with standard operating procedures.</i>	- Access to work sites and around work areas will be planned and managed to reduce disturbance. - Any complaints would be addressed immediately in accordance with Council's relevant codes and policies. - Activities that may impact public amenity and enjoyment of the foreshore should be limited in peak visitation periods- i.e. school holiday period, weekends. **Community notice when boat ramp is closed for works? What do we do now?	<i>accordance with standard operating procedures.</i>
Public Access & Safety Applicable	Public beach access points may be impacted minimally by closures as works are undertaken. Alternate beach access points to be available if one is closed due to work. Areas of the foreshore may be closed periodically to ensure public safety from plant/machinery movements.	<i>Minor: Public access and safety will be disturbed during works but is managed in accordance with standard operating procedures.</i>	See <i>Amenity and Community Disturbance</i> Environmental Controls.	<i>Minor: Public access and safety will be disturbed during works but is managed in accordance with standard operating procedures.</i>
Traffic Applicable	Works will not require public road closures. Temporary impacts may occur at the boat ramp when works are being undertaken. Potential for temporary impact to public vehicle parking and pedestrian pathways through the movement of work vehicles/trucks and plant use.	<i>Negligible: Minimal to no disruption.</i>	See <i>Amenity and Community Disturbance</i> Environmental Controls.	<i>Negligible: Minimal to no disruption.</i>
Aesthetics (visual) Applicable	Long-term positive aesthetic impact to the foreshore. New dune fencing, dune stabilisation, sand movement and revegetation will improve the aesthetics and natural vista. Minimal negative visual impacts will be temporary and confined to the works period.	<i>Minor: Minor impact during works with complaints unlikely.</i>	See <i>Amenity and Community Disturbance</i> Environmental Controls.	<i>Minor: Minor impact during works with complaints unlikely.</i>

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	Land Use <i>Applicable</i>	The activities will not change land use and do not contradict land use strategies. Activities are endorsed in the 2024 certified Coastal Management Program.	<i>Negligible: Improvements / maintenance of existing land use</i>	See <i>Amenity and Community Disturbance</i> Environmental Controls.	<i>Negligible: Improvements / maintenance of existing land use.</i>
	Asset Maintenance <i>Applicable</i>	The proposed outcome of these works will reduce the maintenance requirement of the asset for the immediate future. The long-term maintenance requirements will be similar to the existing maintenance project.	<i>Negligible: Asset maintenance will require existing Council resources.</i>	- Port Stephens Council will ensure assets within the foreshore are retained on Council's asset register and maintenance schedules. - The newly maintained item will enhance the safety and useability of the existing parks and reserves.	<i>Negligible: Asset maintenance will require existing Council resources.</i>
Aspect		Impact Description	Impact Without Control	Environmental Controls	Impact With Control
WASTE	Waste <i>Applicable</i>	The following waste may be generated during the project: - Excavated soil- Soil generated during works is to be spread on site. - Demolition waste- Mesh, fence posts, concrete footings, wire. - Pruned, removed or waste vegetation including beach debris- to be reused onsite where possible, where appropriate vegetated waste to be rafted onsite in discrete areas. - Rubbish- Generated from personnel and public.	<i>Minor: Waste generated but is managed in accordance with a Licence or Waste Management Plan where required.</i>	- Refer to <i>EMS 3.0 Environmental Fact Sheet EFS04 Reuse of Resource Waste</i> provided under Council's environmental management system. Wastes will be classified in accordance with the <i>NSW Environment Protection Authority (EPA) Waste Classification Guidelines</i> and disposed of lawfully at a licensed waste facility. - Waste generated by the proposed works will be recycled as a first preference and the remainder will be disposed of appropriately. - All wastes would be securely stored to avoid/minimise the risk of pollutants escaping. - The work site will be left clean and free of debris and other rubbish at the end of works.	<i>Minor: Waste generated but is managed in accordance with a Licence or Waste Management Plan where required.</i>
	Stockpiles <i>Applicable</i>	Sand, gravel, waste and mulch may be reserved to undertake the maintenance activities. Stockpiles will be temporary in nature. All stockpiling must be above the Median High Water Mark. Potential impacts from stockpiling include: - Damage to vegetation and fauna habitat. - Release of dust and sediment - Potential contamination	<i>Minor: Temporary stockpiling required.</i>	- Refer to <i>EMS 3.0 Environmental Fact Sheet EFS03 Stockpiling and Transporting Material</i> provided under Council's environmental management system. - No stockpile to be left on vegetated areas. - All stockpiling must be above the Median High Water Mark. - Vehicle access for stockpiles to stay to formalise access points to minimise trampling	<i>Minor: Temporary stockpiling required.</i>

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		- Impacts to public amenity		- of vegetation, impact to wildlife and chance for fuel spills. - Locate stockpiles away from hazards such as areas of concentrated flow, gutters, drains, and steep slopes. - Seal off or cover stockpiles that are susceptible to wind or water erosion. - All imported materials are to be tested and classified prior to placement. - For any excess spoil classified as contaminated, disposal of this material will be at an appropriately licensed landfill in accordance with the EPA (2014) <i>Waste Classification Guidelines</i>.	
Aspect		Impact Description	Impact Without Control	Environmental Controls	Impact With Control
HAZARDOUS MATERIALS	Hazardous & Dangerous Goods <i>Applicable</i>	See <i>Chemicals</i> Impacts and Controls.	<i>Minor: Hazardous and dangerous goods are present or used but are managed in accordance with a Licence / standard operating procedures and are unlikely to pose a threat to environmental pollution and human health.</i>	See <i>Chemicals</i> Impacts and Controls.	Minor: Hazardous and dangerous goods are present or used but are managed in accordance with a Licence / standard operating procedures and are unlikely to pose a threat to environmental pollution and human health.
	Asbestos <i>Applicable</i>	No known asbestos at the site. It is unlikely that asbestos will be uncovered during works.	<i>Positive: Not applicable.</i>	If asbestos is exposed, cease works and follow the <i>Unexpected Finds Guide</i>.	Negligible: No disturbance of asbestos or less than 10 square meters of non-friable asbestos to be removed.
	Chemicals <i>Applicable</i>	Chemicals will be present during works such as fuel, oil and pesticide. There is potential for the following impacts to occur: - Spill while refuelling at site; - Spill from plant or vehicle leak; - Spill from incorrect storage or handling of pesticides; - Overspray of pesticide polluting waterway, flora or fauna.	<i>Minor: Chemicals used but are managed in accordance with a Licence / standard operating procedures and are unlikely to pose a threat to environmental pollution and human health.</i>	- All staff will be trained in spill response procedures, have spill kits onsite and all spills will be cleaned up immediately. - In the unlikely event a pollution incident occurs, works must cease. The <i>Environmental Incident Procedure</i> must be followed. The incident must be reported through to the Environmental Risk Manager. - Equipment will not be used if there are any signs of fuel, oil or hydraulic leaks. Leaks will	Minor: Chemicals used but are managed in accordance with a Licence / standard operating procedures and are unlikely to pose a threat to environmental pollution and human health.

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				be repaired immediately or the equipment will be removed from site and replaced. • Refuelling is only to occur in controlled, appropriately bunded areas. Not on the beach or near sensitive environments. • Chemicals must be stored and handled as per the manufacturers Safety Data Sheet (SDS). SDS for chemicals used should be available onsite. No chemicals are to be stored on the beach. • Pesticide application will be undertaken by suitably qualified and experienced personnel and in accordance with the <i>NSW Weed Control Handbook</i>. • Staff to use appropriate PPE and control public access to onsite chemicals. See Controls: <i>Erosion and Sediments</i> and <i>Contamination</i>.	
Aspect	Impact Description	Impact Without Control	Environmental Controls	Impact With Control	
NATURAL HAZARDS	Bushfire <i>Applicability</i>	It is anticipated that the proposed works will create no greater risk for bushfire. Works will be rescheduled in the event that a bushfire is in the area. The site contains vegetation buffer to Brush Fire Prone land. See APPENDIX 15 for Bush Fire Prone Land mapping.	<i>Negligible: Bushfire risk at the asset or location is Low to High.</i>	• Reschedule works in the event there is a bushfire in the area. • No naked flames near combustible materials/vegetation. • Chemicals to be stored and handled as per manufacturer SDS.	Negligible: Bushfire risk at the asset or location is Low to High.
	Flooding <i>Not Applicable</i>	Works will not exacerbate flood risk.	<i>Positive: Not applicable.</i>		<i>Positive: Not applicable.</i>

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	Coastal Processes <i>Applicable</i>	The works area is subject to coastal processes and is adjacent to the Great Lakes Marine Park Coastal Habitat Protection Zone. These works are endorsed in the 2024 certified CMP. The intention of the activities is to stabilise and prevent erosion of the dune environment and will have a positive impact on coastal processes.	<i>Minor: Location is mapped in Coastal Protection Zone but the activity/asset will not contribute to or be affected by coastal process.</i>	- All works will consider the effect of coastal processes at the site. For example works are scheduled around tides and seasons with prevalent winds. - Works to accommodate the coastal foreshore dynamic environment by implementing the maintenance works endorsed within the certified CMP.	<i>Minor: Location is mapped in Coastal Protection Zone but the activity/asset will not contribute to or be affected by coastal process.</i>
	Extreme Weather Events <i>Applicable</i>	Works will not increase the likelihood of extreme weather event impacts on the foreshore. The activities should increase resilience to events through increasing resilience to coastal erosion. Workers will not undertake works during extreme events.	<i>Negligible: The activity/asset could be affected by extreme weather events but is managed in accordance with plans and procedures.</i>	- In the event of extreme weather events the site will be shut down and staff removed from the site eliminating risk. - If an extreme weather event occurs causing damage, the site will be reinstated and any damage rectified as soon as practically possible; where required in consultation with relevant authorities.	<i>Negligible: The activity/asset could be affected by extreme weather events but is managed in accordance with plans and procedures.</i>
Aspect		Impact Description	Impact Without Control	Environmental Controls	Impact With Control
ENVIRONMENTAL SUSTAINABILITY	Natural Resources <i>Applicable</i>	The use of natural resources will be temporary in nature and confined to the maintenance period. Activities require the use of the following natural resources: - Fuel, oil - Timber - Potential quarried gravel for access paths - Water use	<i>Minor: The activity or development will commit to natural resource consumption with sustainable alternatives investigated and implemented.</i>	- Potential energy use will be minimised by keeping all construction machinery in good working order. - Access to work sites and around work areas will be planned and managed to reduce disturbance. - Work machinery or vehicles would not be left idling or running when not in use. - Recycled materials will be resourced where possible and feasible to do so. Where possible materials will be recycled for reuse on site. - Where possible local construction materials, labour and equipment will be sourced to reduce transport requirements and limit the use of finite resources.	<i>Minor: The activity or development will commit to natural resource consumption with sustainable alternatives investigated and implemented.</i>
	Ecological Sustainability <i>Not Applicable</i>	This project will have a positive impact on ecological sustainability through reducing the impact of the public on the coastal environment and improving dune resilience to erosion.	<i>Positive: Not applicable.</i>		<i>Positive: The activity will improve ecological processes at the site.</i>

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Aspect		Impact Description	Impact Without Control	Environmental Controls	Impact With Control
ONGOING EFFECT	Cumulative, Accumulative, Degrading <i>Applicable</i>	The project will have minor, short-term degrading impacts such as waste and emissions. The activities intend to improve the resilience of the foreshore environment from coastal erosion, enhance the quality of dune vegetation to support local ecological populations and reduce ongoing maintenance requirements, generating positive future impacts.	<i>Minor: Minor cumulative / accumulative / degrading effect at the location from the activity.</i>	See controls within EA above,	Negligible: No cumulative / accumulative / degrading effect at the location from the activity.
	Transformative, Long-Term <i>Applicable</i>	The works aim to improve the resilience of the foreshore environment from coastal erosion, enhance the quality of dune vegetation to support local ecological populations and reduce ongoing maintenance requirements. Scale of impact: Localised transformative impact.	<i>Positive: The activity will have a positive long-term or transformative impact on the environment.</i>	N/A	Positive: The activity will have a positive long-term or transformative impact on the environment.
OVERALL ENVIRONMENTAL IMPACT The highest outcome in the impact with control column is the overall impact of the activity					
☐ Positive ☐ Negligible ☒ Minor ☐ Moderate ☐ Potentially Significant <i>If all final impacts are <u>negligible or minor</u>, complete Section 6: Declaration and Section 7: Determination.</i> <i>If any final impact is moderate or potentially significant, reconsider Environmental Controls (refer to the Environmental Assessment Guide – Standard Environmental Control Chapter), reconsider design, or move to a Level 3 Environmental Assessment.</i>					

This Form is a report for the consideration and control of potential negative impacts on the environment to determine if the activity should be undertaken. It does not constitute permission to undertake works.

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Refer to EMS 3.0 Environmental Assessment Procedure for appropriate delegations and training requirements for the Assessing and Authorising Officer.

SECTION 6: DECLARATION

See Appendix 1 for a checklist to ensure the document is fully complete before signing

As the Assessing Officer preparing the assessment, I certify to the best of my knowledge that:

- This assessment provides a true and accurate review of the activity in relation to its likely impacts on the environment. It contains neither false nor misleading information.
- The activity has been assessed to have a minor, negligible or positive overall environmental impact
- The environmental impacts of the activity are NOT likely to be significant and therefore an EIS is NOT required
- The activity will not be undertaken in a declared area of outstanding biodiversity value and is NOT likely to significantly impact threatened species, threatened ecological communities or their habitat. Therefore a SIS and/or BDAR is NOT required.
- I am delegated to undertake this assessment.
- I have assessed the activity in accordance with Council's EMS 3.0 Environmental Assessment Procedure and the Environmental Assessment: Level 2 Form

Name	Position/Title	Service Unit	Signature	Date
Laura Renehan	Community Asset Planner	Assets		12/3/2026

SECTION 7: DETERMINATION

See Appendix 2 for a Determination checklist to ensure the document is compliant before signing

As the Authorised Officer on behalf of Council as the determining authority, I certify that:

- I have reviewed and endorse the contents of this EA document and, to the best of my knowledge, it is in accordance with the EP&A Act, the EP&A Regulation and the Guidelines approved under clause 170 of the EP&A Regulation, and the information it contains is neither false nor misleading.
- The environmental impacts of the activity are NOT likely to be significant, therefore no EIS or SIS and/or BDAR is required, and the activity may proceed subject to the implementation of all mitigation measures set out in Section 5 of the EA document.
- I am delegated to authorise this assessment on behalf of Council as the determining authority

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The activity has been adequately assessed in accordance with Council's EMS 3.0 Environmental Assessment Procedure and the Environmental Assessment: Level 2 Form.				
Name	Position/Title	Service Unit	Signature	Date
	ASM	ASSET		27/5/26



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SECTION 8: APPENDICIES	
Item	CEMP Inclusion
APPENDIX 1: DECLARATION CHECKLIST- ASSESSING OFFICER – See below.	
APPENDIX 2: DETERMINATION CHECKLIST- AUTHORISING OFFICER- See below.	
APPENDIX 3- E012 COASTAL MANAGEMENT PLAN EXERT	
APPENDIX 4- MAPPING OF AREA OF WORKS	
APPENDIX 5- STORMWATER ASSET MAPPING. Source: IFM MAPPING- 25 JULY 2025. IMAGE 1- OPEN DRAIN NETWORK IN PURPLE 	
IMAGE 2- STORMWATER NETWORK.	

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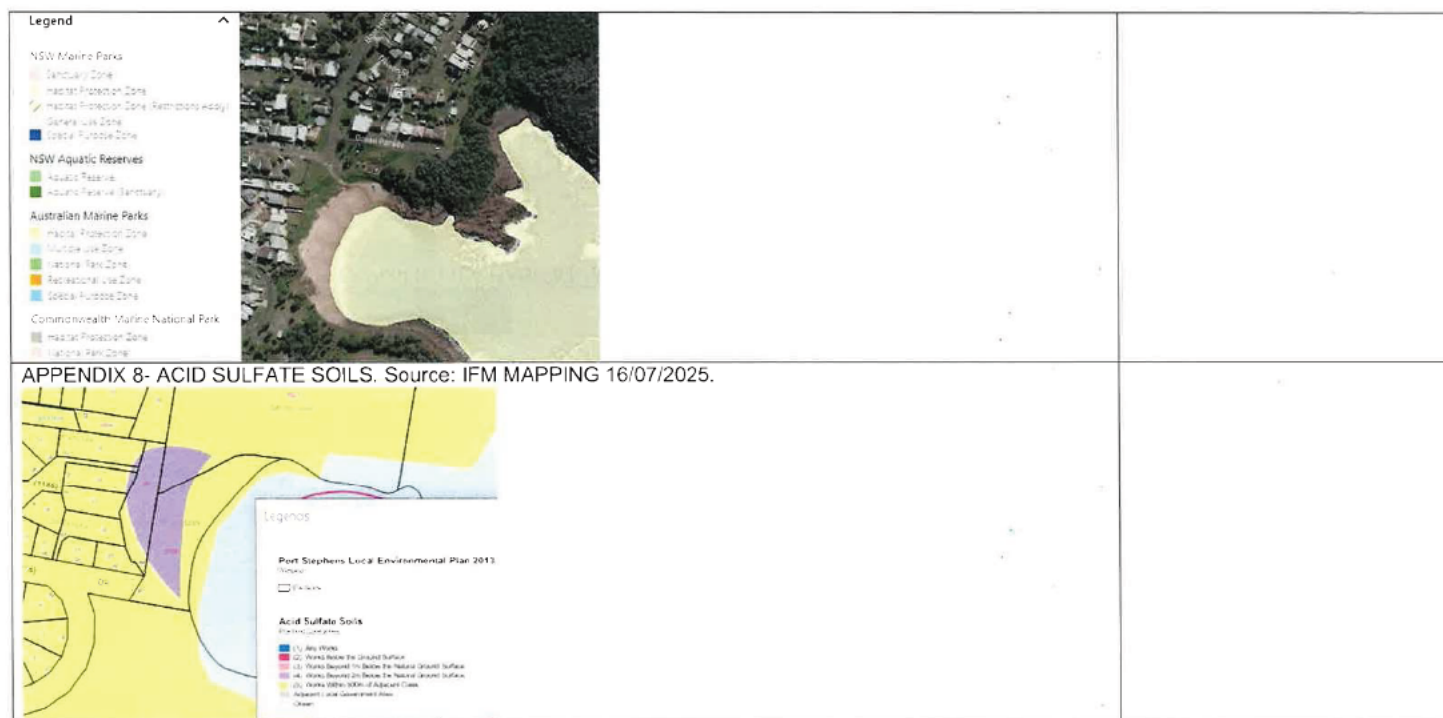
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APPENDIX 6- PORT STEPHENS COUNCIL UNEXPECTED FINDS FIELD GUIDE- Downloaded 2025.	
APPENDIX 7- PORT STEPHENS- GREAT LAKES MARINE PARK ZONE MAP. Source: 15 OCTOBER 2025.	

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APPENDIX 9- NSW WILDLIFE ATLAS FAUNA AND MIGATORY BIRDS. Source- IFM MAPPING 25 JULY 2025.



APPENDIX 10- CONSOLIDATED CKPoM KOALA HABITAT. Source- IFM MAPPING 15 OCTOBER 2025.



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APPENDIX 11- INVASIVE SPECIES MAPPING BY SPECIES. Source- IFM MAPPING 16 JULY 2025
IMAGE 1- Chinese Violet



IMAGE: Chinese violet (*Asystasia gangetica*). Source: NSW DPI 6 AUGUST 2025

IMAGE 2- Opuntia and Cylindropuntia



IMAGE: Examples Prickly pears- *Opuntias* (Left) and *Cylindropuntias* (Right). Source: NSW DPI 6 AUGUST 2025.

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IMAGE 3- Mother of Millions

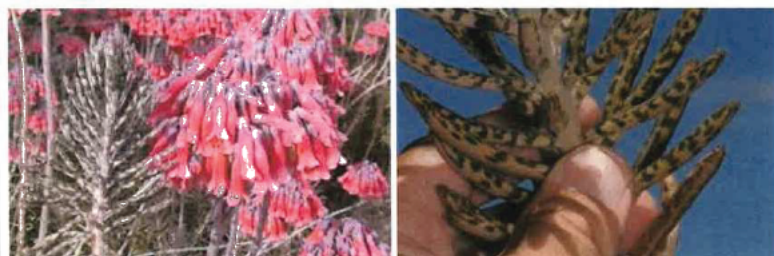


IMAGE: Mother of Millions (*Bryophyllum species*). Source: NSW DPI 6 AUGUST 2025

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APPENDIX 12 - INVASIVE SPECIES REFFERAL. 7 AUGUST 2025.	
APPENDIX 13- AHIMS REPORT. 17 JULY 2025.	
APPENDIX 14- NSW GOVERNMENT EXAMPLES OF ABORIGINAL OBJECTS HANDOUT	
APPENDIX 15 – BUSH FIRE PRONE LAND. Source- IFM MAPPING 16 JULY 2025. 	

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Appendix 1: Declaration Checklist - Assessing Officer		
Before signing the declaration in section 6 as the person undertaking the assessment, please check the following-		
Section	Items to check	Completed?
Section 1	Does the description of the works contain sufficient detail? (photos, details of scope, depth of excavation etc)	☒
	Consideration of alternatives completed?	☒
	Are all location details completed? (land zoning, land owner, site map)	☒
Section 2	Are all boxes in section 2 ticked Yes or No?	☒
	Are the two boxes in Pathway 1: Local Development (Part 4) ticked No? (If Yes, you have selected that a DA is needed. This form cannot be used if a DA is required).	☒
	Is the correct clause/s listed for the approval pathway in Pathway 3 ?	☒
Section 3	Are all responses 'No'? (If not, a higher level of assessment is likely required).	☒
	Does each response have a justification in the form of a sentence or paragraph? Are searches and checks referenced (e.g. AHIMS search ID number)?	☒
Section 4	Is there a Yes or No response for each of the approvals/permits in the applicability column (right hand column)?	☒
	Is applicable or non-applicable selected in the applicability drop down for each aspect?	☒

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Section 5	Are all selected 'impacts after controls' assessed as minor, negligible or positive? (If not, a higher level of assessment is required)	☒
All items in this list must be completed before the declaration in Section 6 is signed by the assessing officer		

Appendix 2: Determination Checklist- Authorising Officer		
Before signing the Determination in section 7 as the delegated person on behalf of Council, please check the following		
Section	Items to check	True?
Section 3	Are none of the environmental impact triggers in Section 3 triggered by the activity?	☒
Section 5	Is every impact after controls in the far right column of section 5 <u>minor or below</u> ? (If moderate, potentially significant or significant, a higher level of assessment is needed or more effective controls are required).	☒
	Is the overall environmental impact at the end of Section 5 <u>minor or below</u> ? (If above Minor, a higher level of assessment is needed or more effective controls are required)	☒
	That the activity has been assessed in accordance with the EMS3.0 Procedure	☒
If all these items are true, the assessment has found that the activity will not significantly impact the environment. An Environmental Impact Statement (EIS), a Species Impact Statement (SIS) and/or a Biodiversity Development Assessment Report (BDAR) is therefore not required.		

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