



4.6 Local Area Plan: Central LGA

Overview	
Area Coverage	<p>The LAP for the Central zone of the Shoalhaven LGA covers the area of coastline from Cudmirrah Beach in the north to Warden Head in the south, including the following beaches and their adjoining headlands:</p> <ul style="list-style-type: none"> ■ Cudmirrah Beach ■ Berrara Beach ■ Monument Beach ■ Flat Rock Beach ■ Washerwomans Beach ■ Bendalong Boat Harbour Beach ■ Inyadda Beach ■ Manyana Beach ■ Conjola Beach ■ Narrawallee Beach ■ Mollymook Beach ■ Golf Course Reef Beach ■ Collers Beach ■ Ulladulla Harbour Beaches (north, central, and south) <p>The beaches are generally high energy, south-east facing beaches that are bordered and separated by protruding rocky headlands and steep coastal bluffs. Notable headland features include Red Head, Inyadda Point, Bannisters Point, Ulladulla Head and Wardens Head.</p>
Key Environmental Features	<p>The coastline in the LAP is intersected by the major estuaries of Sussex Inlet, Swan Lake, Lake Conjola, and Narrawallee Creek – as well as a series of small creeks and drainage outlets including Blackwater Creek, and Millards Creek.</p> <p>Much of the coastline in between Cudmirrah and Narrawallee Beach is comprised of Conjola National Park.</p>
Local Population Centres	<ul style="list-style-type: none"> ■ Cudmirrah ■ Berrara ■ Bendalong Point ■ Manyana ■ Cunjurong Point ■ Narrawallee ■ Mollymook ■ Ulladulla
Mapping References	<ul style="list-style-type: none"> ■ An overview of this area is provided in Appendix A. ■ Mapping provided in Figure 4-29 to Figure 4-32 indicates the location of those actions that apply to a singular, discrete location. ■ Actions that are generic in nature or apply to an area more broadly have not been mapped. ■ Actions that related to repair, upgrade or closure of beach access tracks are mapped in Appendix E. The works identified for the beach access tracks represent an assessment based on present day conditions. The works and beach access tracks requiring works may be subject to change and Council will continue to reassess track condition into the future to scope, plan and prioritise the required works.
LAP	<ul style="list-style-type: none"> ■ There are 29 Actions in the Central LGA LAP ■ These actions are detailed in Table 4-7.



Quick Reference Image Gallery



Figure 4-23 Manyana Beach in 2021



Figure 4-24 Bendalong Harbour in 2023. Source: CoastSnap



Figure 4-25 Narrawallee Beach in 2023. Source: CoastSnap



Figure 4-26 Mollymook Beach in 2023. Source: CoastSnap



Figure 4-27 Collers Beach in 2021



Figure 4-28 Ulladulla Harbour in 2021



Table 4-7 Central LGA LAP

ID	Location	Action Name	Action Description	Risk Being Addressed	Lead Agency	Support Partners	Priority	Timing	Performance Measures
CD.01	Cudmirrah Beach	Investigate land use planning options to provide enhanced protection to the local dune system	Investigate land use planning options for improved coastal and environmental management - including potential rezoning Lot 7008 DP 1029732 from a RE1 (Public Recreation) to a C2 (Environmental Conservation), in order to provide enhanced protection to the local dune system. Note that this may require engagement with the Sussex Inlet SLSC	Opportunity for improved environmental management	SCC	N/A	Low (6)	Opportunistic, within 8-10 Years	Investigation undertaken, and recommendations implemented.
BR.01	Berrara	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	SER.14.1 SER.14.2 SER.14.3	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
BN.01	Bendalong	Foreshore restoration works at the Bendalong foreshore	Continue program of foreshore restoration works along the Bendalong Boat Harbour Beach foreshore in consideration of best practice coastal management. The works are to include enhancement of the local dune system through revegetation of foreshore area with appropriate coastal dune species (instead of turf/lawn), and formalisation of pedestrian beach access tracks to promote dune resilience.	SER.13.1 SER.13.3 CHR.46 CHR.47 CHR.48 SER.13.6 SER.13.7 SER.13.8	SCC	N/A	High (24)	Within 1-3 years	Works completed. Increased cover of dune vegetation, and formalised access installed.
BN.02	Bendalong	Washerwomans Beach dune restoration	Undertake dune restoration and revegetation across the 100 m long stretch of beach in front of the Washerwomans Beach car park, public toilets and picnic bench. The purpose of this is to enhance resilience by providing a more stable and highly vegetated dune system.	SER.13.4	SCC	N/A	Medium (12)	Within 4-7 years	Program implemented and works undertaken.
BN.03	Bendalong	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	CHR.47 SER.13.1	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
BN.04	Bendalong	Investigate the most appropriate way to direct stormwater from Holly Street	Investigate the most appropriate way to direct stormwater from Holly Street to the base of the coastal slope with appropriate erosion control measures below discharge points	CHR.48 SER.13.2	SCC	N/A	Low (6)	Opportunistic, within 8-10 Years	Investigation undertaken, and clear direction provided for management of stormwater at Holly St
BN.05	Bendalong	Upgrade of local stormwater outlet, including appropriately engineered scour protection	These works will include the upgrade of local stormwater outlet, including appropriately engineered scour protection. The works will comprise: • Demolition of the existing 450mm diameter stormwater pipe and associated headwall. • Installation of a new 600 mm diameter stormwater pipe and associated headwall. • Installation of scour protection and outlet stabilisation structure - comprised of a composite of geotextile sand containers and rock bags.	SER.13.1 SER.13.3 CHR.46 CHR.47 CHR.48 SER.13.6 SER.13.7 SER.13.8	SCC	N/A	High (24)	Within 1-3 years	Works completed. Assets maintain appropriate engineering and safety standards.
IN.01	Inyadda Beach	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	SER.14.3	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
MN.01	Manyana Beach	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	SER.14.3	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
C.J.01	Cunjurong Point	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	SER.14.3	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.



ID	Location	Action Name	Action Description	Risk Being Addressed	Lead Agency	Support Partners	Priority	Timing	Performance Measures
CJ.02	Conjola Area	Opportunistic nourishment of beaches adjacent to Conjola	Opportunistic nourishment of beaches adjacent to Conjola within the same tertiary sediment compartment utilising sand that may become periodically available as the result of the implementation of the Lake Conjola Entrance Management Policy.	SER.14.1 SER.14.3	SCC	N/A	Low (7)	Year 1 and ongoing	Nourishment works undertaken, and post works monitoring conclude that nourishment campaign achieved its design objectives.
NA.01	Narrawallee Beach	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	CHR.53 SER.15.1	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
NA.02	Narrawallee Beach	Dune maintenance	Continue to monitor and maintain the vegetated dune at the southern end of the beach in order to protect wastewater assets from erosion and inundation.	CHR.50	SCC	N/A	Medium (9)	Year 1 and ongoing	Wastewater assets behind the dune maintain appropriate engineering and safety standards.
ML.01	Mollymook Beach	Stormwater outfall works and dune restoration	At the stormwater outlet opposite 31 Mitchell Parade, undertake local erosion mitigation works to alleviate the erosion pinch point that is placing the stormwater infrastructure and Mitchell Parade at risk from coastal hazards. The works should be similar in nature to the works undertaken opposite 57 Mitchell Parade, around 250 m to the north. The works will include a combination of: <ul style="list-style-type: none"> Stormwater scour protection works, to prevent the meandering stormwater flows from exacerbating beach erosion Dune restoration works either side (North and South) of the scour protection works, to increase the volume of vegetated dune and improve coastal resilience. 	CHR.59 CHR.60 SER.16.7	SCC	N/A	High (24)	Within 1-3 years	Works completed.
ML.02	Mollymook Beach	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	CHR.59 SER.16.1	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
ML.03	Mollymook Beach	South Mollymook Coastal Protection Works	The implementation of the South Mollymook Coastal Protection Works should proceed through to construction phase, in accordance with the design and approvals process (currently nearing finalisation). Council is currently in discussion with the Golf Club to co-fund a proportion of the works, and final commitments are yet to be determined. This CMP will be considered the primary development consent mechanism for these coastal protection works in accordance with Section 2.16(2)(a) of the RH SEPP.	CHR.56 CHR.57 CHR.58 CHR.59 CHR.60	SCC	DPE(E&H)	High (30)	Within 1-3 years	Works completed.
ML.04	Mollymook Beach	Landslide area rehabilitation at Mitchell Parade	The findings of the investigation Mitchell Parade Geotechnical report (Cardno, 2022) should be reviewed and implemented in order to mitigate the risk of future landslides in this area. Given the location and nature of the cliff area, the investigation recommends either a Mechanically Stabilised Earth (MSE) wall or rock fill stabilisation as the preferred option.	CHR.55 CHR.60	SCC	N/A	High (24)	Within 1-3 years	Works completed.
ML.05	Mollymook Beach	Landslide risk management (LRM) recommendations for lookout at Bannisters Point	Review and implement the findings of the geotechnical assessment undertaken for the lookout at Bannisters Point to mitigate the risk of future landslides in this area (JK Geotechnics, 2019). This will address the potential cliff and slope instability, and to provide landslide risk management (LRM).	CHR.55 CHR.60	SCC	N/A	High (24)	Within 1-3 years	Works completed.
ML.06	Mollymook Beach	Dune restoration and access management at South Mollymook	Undertake a program of dune restoration along the 250 m long stretch of foreshore in between Blackwater Creek and the Surf Club. This should include: <ul style="list-style-type: none"> Dune restoration and revegetation that removes weeds and plants more appropriate dune species in order to provide greater foreshore stability and promote natural recovery after storms. Revegetation activities must consider a planting palette that is composed of species from Bangalay Sand Forest (Ecoplanning, 2023) to extend and enhance the TEC. Implementation of dune fencing and construction of pedestrian access tracks for formalise access. 	SER.16.5 SER.16.8	SCC	N/A	Medium (8)	Within 4-7 years	Works completed. Increased cover of dune vegetation, and formalised access installed.



ID	Location	Action Name	Action Description	Risk Being Addressed	Lead Agency	Support Partners	Priority	Timing	Performance Measures
ML.07	Mollymook Beach	Sand Scraping and dune restoration at North Mollymook	At the northern end of Mollymook Beach (north of Mollymoke Farm Creek), undertake a program of dune restoration in order to increase the beach width and the width of the vegetated dune system (extending it seawards by around 10 m) in order to provide increased protection to Beach Road and associated facilities. This should include: <ul style="list-style-type: none"> • A program of sand scraping to increase the volume of sand on the upper beach face and increase beach width. • Dune restoration and revegetation that removes weeds and plants more appropriate dune species in order to provide greater foreshore stability and promote natural beach recovery after storms. 	SER.16.5	SCC	N/A	Medium (16)	Within 4-7 years	Works completed. Increased cover of dune vegetation, and formalised access installed.
CO.01	Golf Course Reef Beach	Upgrade Golf Course Reef Beach car park and foreshore access facilities	The purpose of this Action will be to upgrade the car park and foreshore access facilities - in order to provide increased amenity and to mitigate the erosive impacts of uncontrolled stormwater flows and unrestricted pedestrian and dinghy access to the foreshore. The works associated with this action should include: <ul style="list-style-type: none"> • Formalisation of stormwater runoff, and upgrade of the car park facilities. • Formalisation of pedestrian access to the beach • Revegetation of the foreshore with native species As part of this action, Council should engage with Ulladulla LALC and other relevant local Traditional Owner groups to determine the best way to provide protection for culturally sensitive areas at Golf Course Reef Beach foreshore and carpark.	SER.17.2 SER.17.3 SER.17.4 SER.17.5	SCC	Ulladulla LALC	Medium (16)	Within 4-7 years	Works completed. Improved management of stormwater. Access formalised. Increase cover of native dune vegetation. ACH values protected.
CO.02	Collers Beach	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	CHR.65 SER.17.1	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
CO.03	Collers Beach	Dune restoration and carpark upgrade at Collers Beach	This action involves undertaking a program of dune restoration in front of car park and sewage pump station, in order to improve recreational/visual amenity, increased protection for the foreshore and minimise erosion from uncontrolled pedestrian access. This would include: <ul style="list-style-type: none"> • Dune restoration and revegetation that removes weeds and plants more appropriate dune species in order to provide greater foreshore stability and promote natural recovery after storms. • Increase width of dune vegetation another 5 m landward within Council foreshore reserve, reducing footprint of unsealed car park by 5 m west/ landwards. • Providing a sealed car park for safer vehicle access • Installing a formal pedestrian access point from the car park to the beach 	CHR.62 CHR.63 CHR.64 CHR.65 CHR.66	SCC	N/A	Medium (8)	Within 4-7 years	Works completed.
UL.01	Ulladulla Harbour	Maintain, repair, upgrade, and rationalise beach access tracks	Maintain, repair, upgrade, and rationalise beach access tracks at this location, as detailed in the findings of the Shoalhaven Beaches Asset Management Strategy (Advisian, 2021), and based on contemporary monitoring and inspections by Council (2023).	SER.18.7	SCC	N/A	Low (7)	Year 1 and ongoing	Assets maintain appropriate engineering and safety standards. Works reflect best practice dune management.
UL.02A	Ulladulla Harbour	Princes Highway Coastal Protection Works - Stage 1: Condition assessment and maintenance recommendations report	A formal coastal engineering condition assessment should be undertaken of the existing coastal protection works in front of the Princes Highway, in order to determine its ability to adequately protect the public highway (both now and into the future). The outcome of this assessment should be a clear understanding of the nature and extent of maintenance works required to maintain the intended level of protection and function over future timeframes.	CHR.72 SER.18.1	SCC	TfNSW	High (30)	Within 1-3 years	Inspection undertaken, and clear direction of required works is provided.
UL.02B	Ulladulla Harbour	Princes Highway Coastal Protection Works - Stage 2: Maintenance works	Based on the information provided in the condition assessment (Action UL.02A), undertake the required maintenance and make-safe works for the existing coastal protection works - in order to provide ongoing protection for the Princes Highway.	As above.	SCC	TfNSW	Medium (20)	Triggered by Action US.02A	Works completed.
UL.03	Ulladulla Harbour	Foreshore restoration works at Central Harbour Beach	In between car park and seawall, undertake dune vegetation restoration works (to replace current lawn along the foreshore), and install formal foreshore access points.	SER.18.5	SCC	N/A	Low (3)	Opportunistic, within 8-10 Years	Works completed. Increased native dune vegetation cover.
UL.04	Ulladulla Harbour	Install dinghy racks	Determine appropriate location for and install dinghy racks by the car park.	SER.18.5	SCC	N/A	Low (5)	Opportunistic, within 8-10 Years	Works completed. Increased dinghy storage provided.



ID	Location	Action Name	Action Description	Risk Being Addressed	Lead Agency	Support Partners	Priority	Timing	Performance Measures
UL.05	Ulladulla Harbour	Erosion monitoring at South Ulladulla Harbour Beach	Monitor South Ulladulla Harbour Beach for erosion impacts resulting from vertical shotcrete seawall	CHR.71	SCC	N/A	Low (3)	Year 1 and ongoing	Monitoring provides data that is considered by Council to be of tangible benefit for coastal management purposes.

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Figure 4-29 LAP Action locations for Bendalong South (left) and North (right)

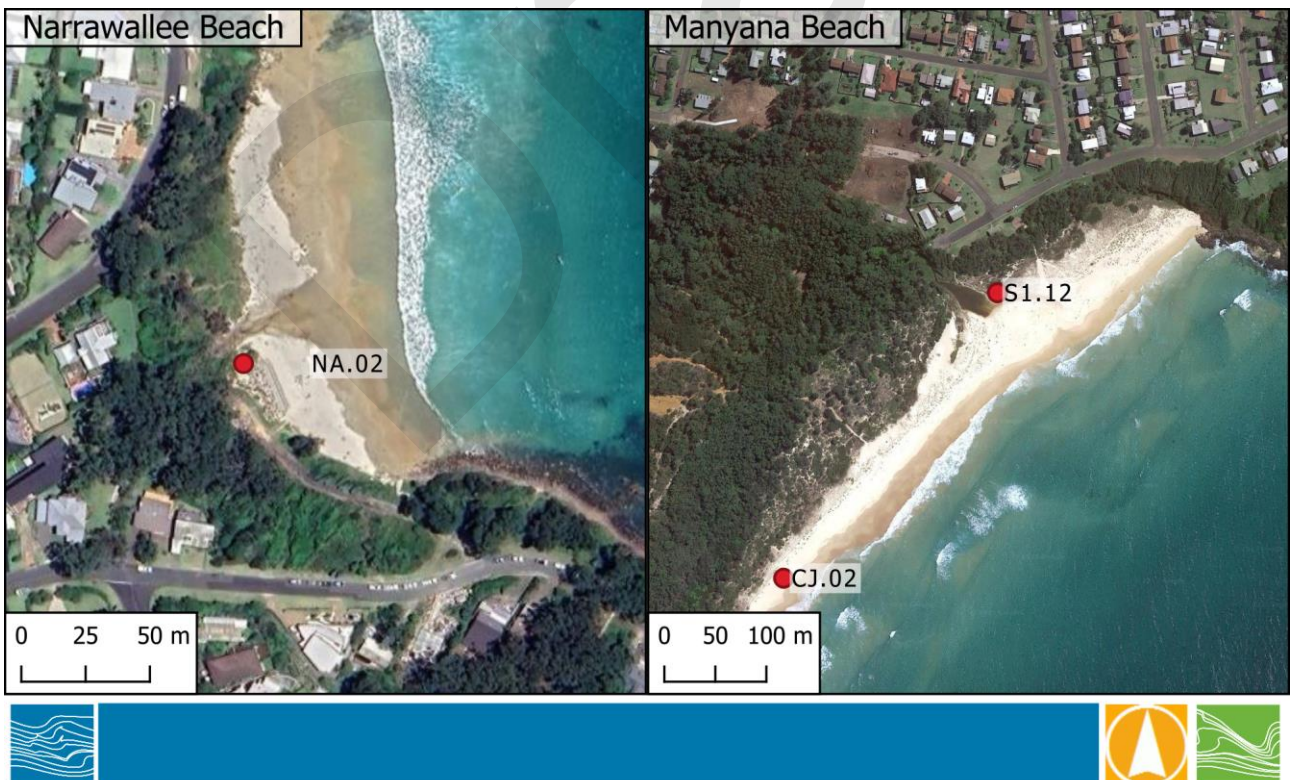


Figure 4-30 LAP Action locations for Narrawallee Beach (left) and Manyana (right)



Figure 4-31 LAP Action locations for Mollymook Beach



Figure 4-32 LAP Action locations for Ulladulla Harbour (left) and Collers Beach (right)