

Coastal Hazard Risk Management and Adaptation Plan (CHRMAP) Community and Stakeholder Engagement Strategy



Contents

1.	Introduction	3
1.1	Background	3
1.2	Previous CHRMAP community engagement.....	4
2.	CHRMAP Community and Stakeholder Engagement.....	5
2.1	Purpose	5
2.2	Objectives.....	5
3.	Key messages	7
3.1	Key messages	7
3.2	CHRMAP community and stakeholder engagement risk assessment.....	8
4.	Stakeholders.....	9
4.1	Stakeholder groups.....	9
4.2	Role of the CHRMAP Community Reference Group	9
4.3	Role of the CHRMAP Technical Steering Group	9
5.	CHRMAP Community and Stakeholder Engagement Action Plan	10
5.1	Communication methods	10
5.2	Timeline of engagement.....	11
5.3	CHRMAP Community Reference Group workplan	11
5.4	Monitoring and reporting	11
5.5	CHRMAP community and stakeholder engagement communications plan	11
	Appendices	16
	Appendix 1 – Engagement Institute Public Participation Spectrum	16
	Appendix 2 – CHRMAP community and stakeholder engagement risk assessment... ..	17
	Appendix 3 – Key stakeholders for CHRMAP process	19
	Appendix 4 – CHRMAP Community Reference Group workplan.....	24

1. Introduction

1.1 Background

Draft CHRMAP

State Planning Policy 2.6 (SPP2.6) requires that all coastal local government authorities develop a Coastal Hazard Risk Management and Adaptation Plan (CHRMAP), in accordance with SPP2.6 and associated guidelines. SPP2.6 provides the technical guidance and calculations required for CHRMAP planning and coastal hazard mapping.

A draft CHRMAP was developed for the City and released for community consultation in 2023. Following community consultation, at the Council meeting on December 2023 it was resolved that the City would:

- Prepare a new draft CHRMAP in alignment with SPP2.6 and relevant guidelines and that it would be developed by a multidisciplinary team of suitably qualified persons.
- Develop a Community and Stakeholder Engagement Strategy whereby the community is regularly updated and consulted in the development of the draft CHRMAP.
- Prepare a new draft CHRMAP having regard to internationally recognised scientific evidence, further research and coastal monitoring, identification of alternative adaptation options, and the review of SPP2.6.
- Establish a Community Reference Group to provide advice, guidance and oversight in the development of the draft CHRMAP.

As per the Council resolution, the City will develop a new draft CHRMAP which is estimated to be completed over a three-year period from 2025-2027, however timelines are subject to the timing of the review of SPP2.6 by the Department of Planning, Lands and Heritage (DPLH).

The CHRMAP is applicable to the 17km of coastline managed by the City of Joondalup, extending from Marmion in the south to Burns Beach in the north.

The Ocean Reef Marina and Hillarys Boat Harbour are not included in the City's CHRMAP. These developments are both managed by the Department of Transport, and the Ocean Reef Marina has its own site specific CHRMAP. It is noted however that these coastal developments cause impacts to adjacent shorelines and these impacts will be considered in the City's new CHRMAP.

Consultation and engagement on the draft CHRMAP will extend to outside of the City's boundaries, as tourists and visitors to the City's coastline may often live outside of the City of Joondalup.

Information on the progress of the CHRMAP project can be found on the City's website: [Coastal Hazard Risk Management and Adaptation Plan \(CHRMAP\) | City of Joondalup](#)

Community engagement

Community engagement enables the community to have a say on matters that may impact or interest them. It is planned, two-way information sharing with the purpose of working with the community and stakeholders to make better informed decisions. It does not replace the final decision-making power of Council; but is considered invaluable as it enhances Council's capacity to make well informed, acceptable and sustainable decisions using feedback from the community.

The City implements a Community Consultation Council [Policy](#) and recognises the importance of effective, transparent and accessible community consultation to ensure feedback from the community is considered as part of the City's decision-making processes. Community consultation informs, but does not replace, the decision-making role of the City and the Council.

The Engagement Institute (formerly IAP2 Australasia) has developed a Public Participation Spectrum to help define the community's role in public participation processes. The Spectrum clarifies the role of the public in decision-making, indicating the level of public influence on decisions. The Spectrum is a continuum rather than a hierarchy with different levels of each engagement being suitable for different contexts including inform, consult, involve, collaborate and empower. An example of the Engagement Institute Public Participation Spectrum classifications is provided in Appendix 1.

1.2 Previous CHRMAP community engagement

Community consultation for the City's draft CHRMAP commenced with a Community Coastal Values Survey in 2018 to enable the City to better understand how the community values and uses the coast. The outcomes from the Community Coastal Values Survey were used to inform the development of a draft CHRMAP and can be accessed [here](#).

The draft CHRMAP was released for community consultation in 2023. The objective of the community consultation on the draft CHRMAP was to determine the overall level of support for the draft plan. Communications to the community included direct emails to existing groups, mailing lists and e-newsletter subscribers, signage at popular beaches, social media posts, and hosting five community information sessions.

Respondents were asked to indicate their overall level of support for the draft plan on a 5-point scale from 'strongly oppose' to 'strongly support'. Over 95% of respondents indicated that they 'oppose' or 'strongly oppose' the draft plan. The Community Consultation Outcomes Report for the draft CHRMAP can be accessed [here](#).

2. CHRMAP Community and Stakeholder Engagement

2.1 Purpose

The CHRMAP Community and Stakeholder Engagement Strategy outlines the methods and timeframes for engaging with the community and stakeholders during the development of the new draft CHRMAP and its release for community consultation. A separate detailed Community Consultation Plan will be developed in consultation with the CHRMAP Community Reference Group and CHRMAP Technical Steering Group to guide communications for the release of the draft CHRMAP to the community.

The Coastal Hazard Risk Management and Adaptation Plan (CHRMAP) Community and Stakeholder Engagement Strategy will:

- Guide meaningful community engagement activities throughout the development of the new draft CHRMAP.
- Identify stakeholders to be engaged over the life of the project.
- Ensure community engagement is fit for purpose in alignment with the project phases.

The community will be engaged throughout the project, and this may include differing levels of engagement through the draft CHRMAP community engagement stages, as shown in Figure 1.

Figure 1: Proposed draft CHRMAP community engagement stages



2.2 Objectives

The objectives of the CHRMAP Community and Stakeholder Engagement Strategy are to:

- Ensure broad awareness and understanding of the CHRMAP process:
 - Provide information about the CHRMAP process through a variety of accessible channels, tailored to reach diverse groups.
 - Provide clear and regular updates on project stages, timelines, and opportunities for involvement.
 - Promote broad coastal management knowledge.
 - Mitigate consultation risks, such as over-consultation and consultation fatigue.
- Build trust and transparency:
 - Foster trust through open, honest and consistent two-way communication.
 - Provide an accessible single source of trusted information.

- Present technical information in a simple, easy to understand format, while also providing high-level technical information for those who want it.
- Ensure the community is engaged throughout the CHRMAP process:
 - Provide ongoing opportunities for community and stakeholder input.
 - Provide regular updates regarding engagement outcomes, decision making and milestones achieved.
 - Evaluate and adapt engagement methods based on community responses and participation levels.

3. Key messages

3.1 Key messages

The following key messages will be utilised throughout the implementation of the CHRMAP Community and Stakeholder Engagement Strategy:

- A CHRMAP is a requirement for all coastal local governments to develop as required by SPP2.6.
- The CHRMAP is a long-term strategic plan focussing on current and future coastal erosion risks over a 100-year timeframe based on coastal hazard modelling scenarios.
- The CHRMAP identifies areas at risk and provides a high-level evaluation of potential adaptation pathways and coastal protection methods.
- The City is listening to the community and developing a new draft CHRMAP that aims to align with community expectations.
- The City's new draft CHRMAP will be developed with input from the Community Reference Group, which contains representatives from the City's community, as well as using outcomes from engagement with the wider community and stakeholders.
- The new draft CHRMAP will start again at the beginning and will not have any preconceived ideas or outcomes.
- The City's new draft CHRMAP will include new relevant research outcomes and align with updates to state policies.
- Engagement with the community is key to developing a CHRMAP that meets community requirements, as well as protecting community values and public infrastructure.
- Broad community feedback will be sought and incorporated into the final CHRMAP, where appropriate.
- The City's coastline is already experiencing coastal erosion in some locations due to sea level rise and storm events, and this is likely to get worse into the future as sea levels rise.
- The City currently manages coastal hazards through initiatives such as an annual coastal monitoring program, annual sand bypassing program, revegetation of foreshore reserves and monitoring and maintenance of existing coastal protection measures.
- Coastal adaptation options will be socially acceptable, environmentally sustainable, economically viable, technically feasible and effective at managing the hazards.
- Adaptation pathways and coastal protection measures will only be implemented after trigger points for action¹ are reached and after detailed site assessment and modelling works are completed, using a hierarchy of soft to hard adaptation options as required.

¹ Trigger points for action are usually determined by calculating when the shoreline has receded to within a certain distance of a significant asset, when the beach is reduced to a certain width or when existing coastal adaptation infrastructure reaches the end of their design life.

3.2 CHRMAP community and stakeholder engagement risk assessment

A CHRMAP community and stakeholder engagement risk assessment has been conducted in collaboration with the CHRMAP Community Reference Group and CHRMAP Technical Steering Group as shown in Appendix 2.

4. Stakeholders

It is important to engage the community and stakeholders effectively throughout the entire CHRMAP process, to ensure a successful outcome for the risk management process. The level of participation required may differ for each key decision or stage of the CHRMAP process.

4.1 Stakeholder groups

A list of identified key stakeholders and our planned engagement approach with each group during the CHRMAP process is summarised in Appendix 3. Each group is assigned a level of engagement based on the principles of the Engagement Institute framework, of Inform, Consult, Involve, Collaborate or Empower, depending on each group's interest and influence over the project.

4.2 Role of the CHRMAP Community Reference Group

The CHRMAP Community Reference Group was established in April 2025. Interested community members were asked to nominate to join the group, with members being appointed by Elected Members.

The Community Reference Group provides input into the development of the City's new draft CHRMAP. The Community Reference Group members will provide input during the process of developing a new draft CHRMAP, as representatives of the wider community, and provide information to the community where possible via their established networks.

The Community Reference Group will assist the City in determining preferred actions and solutions related to mitigating and adapting to coastal hazards in the City of Joondalup. The Community Reference Group includes 10 community representatives and five Elected Members. Community member representatives are appointed for a term of three years and will meet up to four times per year concluding with Council adoption of the City's CHRMAP.

The CHRMAP Community and Stakeholder Engagement Strategy has been developed with input from the Community Reference Group.

4.3 Role of the CHRMAP Technical Steering Group

The CHRMAP Technical Steering Group was established in March 2025 in accordance with the Department of Planning, Lands and Heritage and Western Australian Planning Commission CHRMAP Guidelines to provide advice and guidance to the City on all aspects of the draft CHRMAP process. The Technical Steering Group will also review key deliverables to assist the City to determine preferred actions and solutions related to mitigating and adapting to coastal hazards in the City.

The Technical Steering Group includes representatives from the City of Joondalup, Department of Planning, Lands and Heritage, Department of Transport, University of Western Australia and the Western Australian Local Government Association. Meetings are held up to four times per year over a term of three years, concluding with the adoption of the City's CHRMAP.

The CHRMAP Community and Stakeholder Engagement Strategy has been developed with input from the CHRMAP Technical Steering Group.

5. CHRMAP Community and Stakeholder Engagement Action Plan

5.1 Communication methods

The City can use a variety of communication methods for community and stakeholder engagement. A list of proposed communication methods to be used during the development of the new draft CHRMAP is provided in Table 1.

Table 1: Proposed CHRMAP community and stakeholder engagement methods

Method	Detail
CHRMAP Community Reference Group	A CHRMAP Community Reference Group has been established comprising of 10 community representatives and 5 Elected Members. The Community Reference Group will be a conduit to and from the community and local businesses on the technical aspects of the project and can help to disseminate key information through their networks, where possible.
CHRMAP Technical Steering Group	A CHRMAP Technical Steering Group has been formed to involve key government and agency stakeholders throughout the CHRMAP process.
Elected Members	Elected Members are responsible for decision making, including selecting CHRMAP Community Reference Group members and approving all CHRMAP progress stages. Several Elected Members are a part of the Community Reference Group and are a conduit with the local community.
City's website	A CHRMAP project webpage includes all the CHRMAP project information and a 'submit a question' function to encourage community interactions.
E-newsletters and emails to existing mailing list groups	The City has numerous e-newsletter subscription lists and mailing lists used to disseminate information to community members electronically including a Coastal Vulnerability Stakeholder Notification list.
Social media – Facebook, YouTube, Instagram, LinkedIn, TikTok, Snapchat	Paid and organic posts with moderation and responses. Short stories, podcasts and videos to target younger audiences.
Flyers, posters, stickers and digital screens	For distribution, mail outs, and display at events and City venues. Electronic display screens at City venues.
In-person communications such as library drop-in sessions and information stalls	Face-to-face communications to present information and answer any questions.
Attend existing events*	Use existing events which have large and diverse crowds, such as abalone fishing days, Recfishwest events, and Surf Life Saving Club events.
Community information sessions, expert panels or scenario planning workshops	Information sessions, expert panels or scenario planning workshops to provide information to the public and answer questions.
Community information sessions or workshops targeted at specific stakeholder groups	Hold community information sessions or workshops with existing stakeholder groups.
Signage and banners along the coast and via local businesses	Large signage to engage with a wide variety of beach users not captured with existing groups.
City News*	A quarterly print booklet mailed to all households in the City.
Newspaper - media releases, newspaper advertisements	Articles, advertisements, Joondalup Voice.

Messages on hold	Pre-recorded messages on the City's main phonenumber.
Radio	Advertisements and local radio station interviews.

*Some methods are only available at certain times throughout the year and will only be available and effective if the draft CHRMAP community engagement period is scheduled at similar time to these methods.

5.2 Timeline of engagement

Engagement activities will commence in late 2025 and continue until the new draft CHRMAP has completed the community consultation phase. Engagement will be focussed on times of CHRMAP project milestone stages, as shown in Figure 1.

Some engagement methods are bound to set timeframes and will only be available if the draft CHRMAP community consultation period is scheduled within the annual timeframe for that method.

5.3 CHRMAP Community Reference Group workplan

The CHRMAP Community Reference Group will meet up to four times per year to provide input and advice around milestone events. The CHRMAP Community Reference Group workplan is outlined in Appendix 4.

5.4 Monitoring and reporting

Communications, responses and participation rates will be monitored where possible throughout the duration of this plan. The proposed community engagement timing and methods may be altered to be more effective, if new methods are developed, or if additional communications are required.

The CHRMAP Community and Stakeholder Engagement Strategy will be periodically reviewed and updated as required, based on community feedback, participation and engagement outcomes, to ensure communications and engagement remains effective and the strategy objectives are being achieved. CHRMAP communications and stakeholder engagement outcomes will be provided to the CHRMAP Community Reference Group and Elected Members following key community engagement milestones.

5.5 CHRMAP community and stakeholder engagement communications plan

A CHRMAP community and stakeholder engagement communication plan outlining the communication methods proposed, timing, and target groups for the duration of the project is outlined in Table 2. The Engagement Institute engagement level was defined using the Public Participation Spectrum provided in Appendix 1. This communication plan is flexible and can be adjusted over time if program to ensure objectives are being met.

Table 2: CHRMAP community and stakeholder engagement communications plan

Timing	Milestone area	Stakeholder group	Engagement Institute engagement level	Method	Purpose
2025	Review/define community coastal values	CHRMAP Community Reference Group	Collaborate	Meeting	Review 2018 community survey results
		CHRMAP Technical Steering Group	Collaborate	Meeting	Review 2018 community survey results
		Elected Members	Empower	Community Reference Group meeting Internal communications	Review 2018 community survey results
		Aboriginal groups	Involve	Request for comment via email	Review 2018 community survey results
		Community	Inform	Social media E-newsletters Website	CHRMAP progress update
		Community	Inform	Social media E-newsletters	Provide information to the community about current erosion issues and what the City does to manage coastlines
2026	Alternative adaptation options research outcomes	CHRMAP Community Reference Group	Collaborate	Meeting	Review and provide comments on the research outcomes
		CHRMAP Technical Steering Group	Collaborate	Meeting	Review and provide comments on the research outcomes
		Elected Members	Empower	Community Reference Group meeting Internal communications	Review and understand research outcomes
		Community	Inform	Social media E-newsletters	Provide information to the community about current issues and what the City does to manage coastlines
	Coastal hazard assessment outcomes (actual date pending)	CHRMAP Community Reference Group	Collaborate	Meeting	Review and comment on the outcomes from the Coastal Hazard Assessment
	CHRMAP Technical Steering Group	Collaborate	Meeting	Review and comment on the outcomes from the Coastal Hazard Assessment	

Timing	Milestone area	Stakeholder group	Engagement Institute engagement level	Method	Purpose
	SPP2.6 review outcomes)	Elected Members	Empower	Community Reference Group meeting Internal communications	Review and comment on the outcomes from the Coastal Hazard Assessment
		Community	Inform	Social media E-newsletters	Provide information to the community about current erosion issues and what the City does to manage coastlines
		Aboriginal groups	Involve	Request for comment via email	Seek comment on the outcomes from the Coastal Hazard Assessment
Coastal adaptation pathways		CHRMAP Community Reference Group	Collaborate	Meeting	Review and provide comment on coastal adaptation pathway options
		CHRMAP Technical Steering Group	Collaborate	Meeting	Review and provide comment on coastal adaptation pathway options
		Aboriginal groups	Consult	Request for comment via email	Seek comment on proposed coastal adaptation pathways
		Community	Consult	<ul style="list-style-type: none"> • Website • E-newsletters and emails to existing groups • Social media • Community information sessions – public • Community information sessions – stakeholder groups • City News • Newspaper/media release 	Seek comment on proposed coastal adaptation pathways
		Government	Consult	Email Technical Steering Group meetings	Seek comment on proposed coastal adaptation pathways
		Non-government	Consult	Email Signage	Seek comment on proposed coastal adaptation pathways

Timing	Milestone area	Stakeholder group	Engagement Institute engagement level	Method	Purpose
		Elected Members	Empower	Community Reference Group meeting Internal communications	Endorse preferred coastal adaptation pathway options
		Community	Inform	Social media E-newsletters	Provide CHRMAP progress update and information to the community about current erosion issues and the City's coastal hazard management actions
2027	Review new draft CHRMAP (community consultation)	CHRMAP Community Reference Group	Collaborate	Meeting	Provide comments on the new draft CHRMAP
		CHRMAP Technical Steering Group	Collaborate	Meeting	Provide comments on the new draft CHRMAP
		Elected Members	Empower	Meeting	Council meeting to seek feedback on the draft CHRMAP and seek endorsement for release for community consultation
		Community	Consult	<ul style="list-style-type: none"> • Website • E-newsletters and emails to existing groups • Social media • Flyers, posters, stickers and digital screens • Flyer to households • In person communications and attendance at events* • Community information sessions – public • Community information sessions – established groups • Signage and banners • City News • Newspaper/media release • Messages on hold • Radio 	Provide comments on the new draft CHRMAP


Timing	Milestone area	Stakeholder group	Engagement Institute engagement level	Method	Purpose
		Government	Involve	Email Technical Steering Group meetings	Provide comments on the new draft CHRMAP
		State and Federal politicians	Inform	Email	Provide comments on the new draft CHRMAP
		Non-government	Inform	Email Signage	Provide comments on the new draft CHRMAP
		Aboriginal groups	Involve	Request for comment via email	Provide comments on the new draft CHRMAP

*timing dependent

Appendices

Appendix 1 – Engagement Institute Public Participation Spectrum

The Engagement Institute developed a Public Participation Spectrum to help define the community's role in public participation processes. The Spectrum clarifies the role of the public in decision-making, indicating the level of public influence on decisions. The Spectrum is a continuum rather than a hierarchy with different levels of each engagement being suitable for different contexts.

Increasing impact on the decision 					
Level of engagement	Inform	Consult	Involve	Collaborate	Empower
Description	To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions	To obtain public feedback on analysis, alternatives and/or decisions	To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered	To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution	Final decision making power
Promise to stakeholders	We will keep you informed	We will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision	We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision	We will look to you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible.	We will implement what is decided
Example	Communications e.g. website, newsletters, social media, mail outs	Community consultation e.g. survey	Community consultation e.g. workshops	CHRMAP Community Reference Group	Council are the final decision makers

Appendix 2 – CHRMAP community and stakeholder engagement risk assessment

A CHRMAP community and stakeholder engagement risk assessment has been conducted in collaboration with the CHRMAP Community Reference Group and CHRMAP Technical Steering Group as shown below.

	Consequences (C)				
Likelihood (L)	Insignificant (1)	Minor (2)	Medium (3)	Major (4)	Catastrophic (5)
Almost Certain (5)	5	10	15	20	25
Likely (4)	4	8	12	16	20
Possible (3)	3	6	9	12	15
Unlikely (2)	2	4	6	8	10
Rare (1)	1	2	3	4	5

Overall Risk Score = L x C	
Score	Description
1 – 5	Low
6 – 12	Moderate
13 – 19	High
20 - 25	Extreme

Risk Description	Likelihood of Occurrence	Consequences of Occurrence	Overall Risk Level	Current Controls in Place	Further Action Required (Responsibility and Timing)
Lack of community interest and engagement	Possible	Minor	Moderate	CHRMAP Community and Stakeholder Engagement Strategy	Ensure communication methods are diverse and appropriate for a range of groups
Some community members do not feel adequately engaged	Possible	Minor	Moderate	CHRMAP Community and Stakeholder Engagement Strategy	Ensure engagement methods reach diverse groups, and regular communications are conducted
Community and stakeholders misunderstand the project scope	Possible	Medium	Moderate	CHRMAP Project Plan and CHRMAP project website page	Ensure the project scope and objectives are clearly communicated

Risk Description	Likelihood of Occurrence	Consequences of Occurrence	Overall Risk Level	Current Controls in Place	Further Action Required (Responsibility and Timing)
Lack of trust from community and stakeholders regarding the CHRMAP process	Possible	Medium	Moderate	CHRMAP Project Plan and CHRMAP Community and Stakeholder Engagement Strategy	Ensure CHRMAP project website page is constantly updated and allows for two-way communications
Community and stakeholders feel over-consulted	Possible	Minor	Moderate	CHRMAP Community and Stakeholder Engagement Strategy	Ensure communications relate to CHRMAP community engagement stages and key milestones achieved
Lack of understanding of the technical and scientific aspects of the CHRMAP	Possible	Minor	Moderate	CHRMAP Community and Stakeholder Engagement Strategy	Ensure communications and engagement materials are accessible and use simple language and diagrams
Community and stakeholders lose interest in the CHRMAP process due to lengthy timeframes	Possible	Minor	Moderate	CHRMAP Community and Stakeholder Engagement Strategy	Ensure communications relate to CHRMAP community engagement stages and key milestones achieved and outline next steps

Appendix 3 – Key stakeholders for CHRMAP process

The following table outlines key stakeholders, their interests or concerns and the proposed level of engagement.

	Stakeholder	Interests/concerns	Level of engagement
General Community	Community members	Protection of current beach amenity, aesthetics, condition and use and natural areas	Inform
City of Joondalup, politicians, facilitated groups	City of Joondalup Elected Members	Elected members will be responsible for all major decisions when developing and releasing the new draft CHRMAP	Empower
	State and Federal politicians	Impact of decision on the community and environment	Inform
	CHRMAP Technical Steering Group	The Technical Steering Group will ensure that the City's CHRMAP meets policy requirements and industry standards	Collaborate
	CHRMAP Community Reference Group	Impact of the CHRMAP on the community, groups, and environment	Collaborate
Government	Western Australian Local Government Association (WALGA)	WALGA coordinate coastal activities WA local governments, including providing CoastWA training sessions, coastal advice and provide oversight to legislation, state policy and funding opportunities.	Involve
	Department of Planning, Lands and Heritage (DPLH)	DPLH plays a central role in developing and implementing CHRMAPs in WA and is responsible for SPP2.6, providing a statutory basis for CHRMAPs. DPLH provides strategic planning support, including providing technical guidelines for CHRMAP development and ensures that CHRMAPs align with frameworks and state policy.	Involve
	Department of Transport (DoT)	DoT play a key role in supporting CHRMAP planning by identifying coastal erosion hotspots, providing technical expertise and guiding planning guidelines. The DoT manage the Hillarys Boat Harbour and the Ocean Reef Marina.	Involve
	Department of Biodiversity, Conservation and Attractions (DBCA)	Impact on DBCA managed assets, including the Marmion Marine Park	Consult
	Water Corporation	Water supply and wastewater discharge infrastructure	Involve
	Department of Primary Industry and Regional Development (DPIRD)	DPIRD are responsible for managing coastal fish habitats, monitoring, planning and determining the sustainable take of fish from the aquatic resource. DPIRD are affected by access to fishing grounds including structures such as jetties.	Inform
	Department of Water and Environmental Regulation (DWER)	Impact on environment and water resources, clearing permit applications	Consult

	Stakeholder	Interests/concerns	Level of engagement
	Northern Beaches Alliance (NBA)	The Northern Beaches Alliance enables the sharing of coastal knowledge, information and expertise and collaboration on coastal management practices across northern coastal local governments. Actions completed within one local government may cause impacts to other local government coastlines.	Consult
Community	Sporting groups and clubs: <ul style="list-style-type: none"> • Mullaloo Boardriders Club • Marmion Angling and Aquatic Club • Ocean Reef Sea Sports Club • North Coast Tri Club • Windsurfing WA • Hillarys Yacht Club 	Protection of current beach amenity, aesthetics, condition and use	Inform
	Surf Life Saving Clubs: <ul style="list-style-type: none"> • Sorrento SLS Club • Mullaloo SLS Club • Whitfords Volunteer Sea Rescue Group • Royal Lifesaving Society of WA • Surf Lifesaving WA 	Protection of current beach amenity, aesthetics, condition and use	Inform
	Coastal environmental groups: <ul style="list-style-type: none"> • Friends of Hillarys and Kallaroo Foreshore • Joondalup Community Coastcare Forum • Friends of North Ocean Reef/Iluka Foreshore • Friends of Sorrento Beach and Marmion Foreshore 	Protection and improvement of foreshore reserves and biodiversity	Inform
	City of Joondalup environmental groups: <ul style="list-style-type: none"> • Friends of Cadogan Park • Friends of Carnaby Reserve • Friends of Central Park Bushland • Friends of Craigie Bushland • Friends of Duncraig Library Bushland • Friends of Harman Park • Friends of Hepburn and Pinnaroo Bushland • Friends of Maritana Bushland • Friends of Periwinkle Bushland 	Protection and improvement of the City's reserves and biodiversity	Inform

Stakeholder	Interests/concerns	Level of engagement
<ul style="list-style-type: none"> • Friends of Porteous Park • Friends of Robin Park Bush Reserve • Friends of Shepherds Bush Park • Friends of Trigonometric Park • Friends of Warwick Bushland • Friends of Yellagonga Regional Park • Woodvale Waters Friends of Beenyup Channel 		
<p>Ratepayers' associations:</p> <ul style="list-style-type: none"> • Beldon Residents Assn Inc • Burns Bean Residents Assn Inc • Connolly Residents Assn • Currambine Residents Assn • Edgewater Residents Assn • Harbour Rise Residents Assn Inc • Heathridge Residents Assn • Iluka Residents Assns • Kallaroo Residents Assn • Kingsley & Greenwood Residents Assn • Marmion, Sorrento, Duncraig Progress & Ratepayers Assn • Mullaloo Beach Community Group Inc • North Shore Country Club & Residents Assn • Padbury Residents Assn Inc • Warwick Residents Group • Whitford Community, Ratepayers & Recreation Assn Inc • Woodvale Waters Landowners Assn 	Protection of current beach amenity, aesthetics, condition and use	Inform
<p>Business owners, including:</p> <ul style="list-style-type: none"> • Tourism operators • Cafes, pubs, hotels • Food vans (coffee, food, ice cream, etc) • On-site sport and wellness classes (e.g. yoga) 	<p>Protection of current beach amenity, aesthetics, condition and use</p> <p>Protection of private property</p>	Inform
Recreational users:	Protection of current beach amenity, aesthetics, condition and use	Inform

Stakeholder	Interests/concerns	Level of engagement
	<ul style="list-style-type: none"> • Coastal path and parkland users (picnics, bbqs) • Playground users • Fishers, including abalone and crayfishers • Local schools • Swimmers • Skateboarders, skaters • Surfers (kite, wind) • Kayakers and boats • Divers and snorkellers • Cyclists (recreational and commuters) • Runners/walkers • Dog and horse beach users • Parent groups • Drone users • Commuters 	
	City of Joondalup residents, including: <ul style="list-style-type: none"> • Residents • Rate payers • Homeowners 	Protection of current beach amenity, aesthetics, condition and use Inform
	Property owners in the coastal vulnerability zone and ocean front property owners	Protection of current beach amenity, aesthetics, condition and use Protection of private property Inform
	Visitors and tourists	Beach access, amenity, aesthetics, facilities Inform
Aboriginal groups	Aboriginal groups: <ul style="list-style-type: none"> • SWALSC • Whadjuk Aboriginal Corporation 	Preservation and protection of natural areas, significant sites, and cultural heritage Access to resources such as fish for cultural purposes Involve
Non-government	Recfishwest	Habitat restoration, community engagement, marine conservation Inform
	Research institutions and scientists	Knowledge and understanding of new research and adaptation options Involve
	Disability access groups	Preservation or improvement of coastal accessibility and amenity Involve
	Developers	Protection of current beach amenity, aesthetics, condition and use Inform

Stakeholder	Interests/concerns	Level of engagement
Non-government and not for profit organisations (e.g. Motion by the Ocean)	Preservation or improvement of coastal accessibility and amenity	Involve

Appendix 4 – CHRMAP Community Reference Group workplan

The following table outlines the proposed workplan for the CHRMAP Community Reference Group.

CHRMAP Community Reference Group meeting	Milestone	Topic
Meeting 1 – May 2025	Induction	Induction meeting including purpose, Terms of Reference, background and context
Meeting 2 – June 2025	Community and Stakeholder Engagement Strategy	Workshop to inform development of Community and Stakeholder Engagement Strategy
Meeting 3 – Nov 2025	Community coastal values	Community coastal values
Meeting 4 – March 2026	Alternative adaptation options research outcomes	Part 1 - Discuss outcomes from research regarding alternative adaptation options for coastal protection
Meeting 5 – June 2026	Alternative adaptation options research outcomes	Part 2 - Discuss outcomes from research regarding alternative adaptation options for coastal protection
Meeting 6 – Sept 2026*	Coastal Hazard Assessment outcomes	Discuss outcomes from Coastal Hazard Assessment
Meeting 7 – Nov 2026	Coastal adaptation pathways	Input into coastal adaptation pathways
Meeting 8 – Feb 2027	Review new draft CHRMAP	Review of draft CHRMAP
Meeting 9 – Sept 2027	Community consultation outcomes	Discuss community consultation outcomes from draft CHRMAP

*Note: The CHRMAP Community Reference Group meeting timeframes may be extended if there are delays in the review of State Planning Policy 2.6 which will impact the timeframes for the Coastal Hazard Assessment and update of the draft CHRMAP.