



**element.**

# Albany Princess Royal Harbour CHRMAP

**Community and Stakeholder Engagement Strategy**

January 2022

We acknowledge the custodians of this land, the Menang Nyoongar and their Elders past, present and emerging. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

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# 1. Introduction

## 1.1 Project Overview

A combination of natural and man-made processes have accelerated the effects of climate change and sea level rise globally, and here in Australia. Consequently, coastal hazards such as erosion and inundation are becoming more pronounced along the West Australian coastline, including along the Great Southern coastline. Following a study released by the Department of Transport in 2019, 55 coastal erosion 'hotspots' were announced along the Western Australian coastline and as such, in 2021 the State Government released a pool of available grant funding to address coastal erosion.

The City of Albany (the City) has recently received State Government funding for the development of a Coastal Hazard Risk Management and Adaptation Plan (CHRMAP), which is a strategic plan to manage and identify appropriate adaptation options for specific areas of high value assets along the coast.

## 1.2 Project Scope

The City have engaged the consultant team of Water Technology, Cardno and element to help prepare a Coastal Hazard Risk Management and Adaptation Plan for the Princess Royal Harbour. The CHRMAP will set the framework for the assessment, by:

- identifying coastal hazards (erosion and inundation);
- analysing vulnerability for specific assets;
- identifying and prioritising management and adaptation responses; and
- providing an implementation plan.

It will also inform the community and stakeholders about potential coastal hazard risks; identify community and stakeholders' values as well as key coastal infrastructure and assets at risk; and provide a clear pathway for the City of Albany to address coastal hazard risks over time. Ultimately, the CHRMAP will provide strategic guidance for coordinated, integrated and sustainable land use planning and management decision-making by the City of Albany. The CHRMAP will also guide necessary changes to the City of Albany Local Planning Strategy, Local Planning Scheme and other relevant strategies and local planning policies. The CHRMAP will be prepared in accordance with the CHRMAP Guidelines and State Planning Policy 2.6 – State Coastal Planning Policy (SPP2.6).

This report will set the strategy for engagement and communications for the CHRMAP project.

## 1.3 Study area

The study area for this project is the Princess Royal Harbour in Albany, as illustrated by the orange line in the figure below.



Figure 1 Albany Princess Royal Harbour CHRMAP study area

## 1.4 Previous engagement

The City of Albany has recently undertaken a CHRMAP for the Emu Point to Middleton Beach (2019) area and as such, has already collected a set of community values about that section of the coastline. Engagement outcomes from that study uncovered that both natural and built assets were valued along the coast, including public amenities, cafes and restaurants and the naturalness of the environment. Therefore, it found that the community valued nature, meeting places, being able to access the beach and recreation opportunities. While this engagement will be collecting coastal values and aspirations about a separate part of Albany’s coastline, we will consider these values for this engagement and acknowledge previous engagement in our communications.

## 1.5 Level of Engagement

Our stakeholder analysis is aligned with IAP2 methodology, noting their spectrum of Public Participation (2018). We use the levels of engagement to note how each stakeholder group will be involved in the project.

For this project the engagement will mostly fall under the ‘Inform, consult and involve’ levels of engagement.

**Table 1. IAP2 Spectrum of Public Participation**

Level	Inform	Consult	Involve	Collaborate	Empower
Goal	To provide balanced and	To obtain feedback on analysis, issues,	To work with the public to make sure	To partner with the public in each	To place final decision-making in

	objective information in a timely manner.	alternatives and decisions.	that concerns and aspirations are considered and understood.	aspect of the decision-making.	the hands of the public.
<b>Promise</b>	"We will keep you informed."	"We will listen to and acknowledge your concerns."	"We will work with you to ensure your concerns and aspirations are directly reflected in the decisions made."	"We will look to you for advice and innovation and incorporate this in decisions as much as possible."	"We will implement what you decide."

## 2. Objectives

### 2.1 Project Objectives

The objectives of the CHRMAP are to:

- Improve understanding of coastal features, processes and hazards in the study area
- Consider rainfall and catchment flooding in addition to storm surge inundation
- Identify significant vulnerability trigger points and respective timeframes for the relevant sediment cells to mark the need for immediate or medium-term risk management measures
- Identify assets (natural and man-made) and the services and functions they provide situated in the coastal zone
- Gain an understanding of asset(s) vulnerability
- Identify the value of the assets that are vulnerable to adverse impacts from coastal hazards
- Determine the consequence and likelihood of coastal hazards on the assets, and assign a level of risk
- Identify possible (effective) risk management measures (or 'actions') and how these can be incorporated into short and longer-term decision-making
- Engage stakeholders and the community in the planning and decision-making process.

### 2.2 Engagement Objectives

Supporting the overall project objectives, the engagement objectives are to:

- Promote knowledge and information sharing to and from community and key stakeholders to support the collection of coastal values, assets and preferred adaptation options, including but limited to the:
  - Planning framework requirements for beneficiaries pays requirements
  - Inclusion of a Benefit Distribution Analysis to assist with apportioning the costs (capital and recurrent) of chosen risk management measures, based on the beneficiary pays principle
- Break down complicated and technical information to be easy to understand.
- Reach a diverse range of community members and key stakeholders through various methods.
- Offer accessible and convenient engagement activities for the community and stakeholders to attend.
- Keep the community interested and engaged throughout the project timeline with carefully timed communications and engagement events.

### 2.3 Risks and Mitigation Strategies

There may be some risks involved with the engagement process. These risks have been identified by the project team, their level of impact on the project has been recognised and a mitigation strategy has been identified to be worked into the engagement strategy.



Risk	Potential Impact	Mitigation Strategies
Lack of Community Interest	Given its longer-term horizon community perceive the issue of coastal processes may not affect them now so it's not a priority to get involved today.	<p>Key messages to include reference to the importance to existing community and next generations.</p> <p>Key messages to include reference to getting involved now so they can influence the outcome.</p> <p>Consider linking information sessions to another local event to maximise access to the information.</p>
Community lose interest as the project progresses.	Engagement levels drop off towards the end or later stages of the project	<p>Carefully timed communications and engagement activities, including 'closing the feedback loop' communications.</p> <p>Key messages to explain the project stages and when the community will be involved</p>
High-level, technical and strategic nature of the project is difficult for the community to understand / engage with.	There is a lack of engagement.	<p>Ensure all communications and engagement collateral are accessible to the lay person with no jargon.</p> <p>Use imagery and diagrams where possible.</p>
Engagement fatigue	Community and stakeholders are too overwhelmed d with many different activities and do not engage in our project.	Time engagement events to occur around other engagement events happening in the City.
Community members argue climate change isn't real / sea levels aren't rising.	They may not be involved in the engagement or derail engagement activities.	Reiterate purpose of the project isn't about climate change or sea level rise – the project is about protecting assets from the potential impact of coastal hazards, such as erosion and flooding.
Covid-19 restrictions	The community may not want to engage at face-to-face events, low numbers of attendance.	<p>Ensure advertisement periods are longer (4-5 weeks) to gauge possible attendance.</p> <p>Be flexible and offer online alternatives where possible.</p>

# Stakeholder Analysis

## 2.4 Stakeholder Groups

Understanding project stakeholders is a critical consideration of any engagement and communications program. By understanding who these groups or individuals are, we may better understand and analyse their degree of influence and interest, and therefore the involvement they are likely to request and require.

The following table summarises a non-exhaustive list of key stakeholders, grouped into broad categories:

Please refer to our stakeholder database spreadsheet for more information on the stakeholder identification and analysis. An overview of the stakeholder list is provided in the table below.

**Table 2. Stakeholder Identification and Analysis**

Stakeholder	Interest/Concerns/Issues	Level of engagement (IAP2)	How we will engage
City of Albany Council	City managed properties and assets. Impact on the community. Planning and development requirements.	Inform	Council briefing
DPLH	State heritage listed assets	Inform, consult	Steering committee
Department of Transport	Impact on transport operations and services.	Inform, consult	Steering committee
Main Roads WA	Impact on Princess Royal Drive	Inform, consult	Email correspondence
Department of Water and Environment Regulation	Impact on environment and water resources.	Inform, consult	Email correspondence
Department of Biodiversity, Conservation and Attractions	Environmental impact on Parks and Recreation Reserves and DBCA managed assets.	Inform, consult	Email correspondence
Water Corporation	Impact on Waterer Corporation Assets	Inform, consult	Email correspondence
Southern Ports Authority	Impact on the Port and assets managed by the Southern Ports Authority	Involve	Steering committee
Western Power	Impact on Western Power assets	Consult	Coastal Values Survey Information sessions Workshops Online polling
ATCO Gas	Impact on ATCO assets	Consult	Coastal Values Survey Information sessions Workshops

			Online polling
Communication Service Providers	Impact on communication service providers (phone & internet) assets	Consult	Coastal Values Survey Information sessions Workshops Online polling
DFES	Impact on fire services / assets	Consult	Coastal Values Survey Information sessions Workshops Online polling
DPIRD	Impact on agriculture and production	Consult	Coastal Values Survey Information sessions Workshops Online polling
Department of Health	Impact on health services. Waster water system requirements.	Consult	Coastal Values Survey Information sessions Workshops Online polling
Department of Water	Impact Department of Water Assets	Consult	Coastal Values Survey Information sessions Workshops Online polling
PTA	Impact on railways and assets managed by PTA.	Consult	Coastal Values Survey Information sessions Workshops Online polling
South Coast Progress Association	Key assets within the PRH	Involve	Coastal Values Survey CBRG Information sessions Workshops Online polling
Landowners shown in the coastal hazard area	Impact on their property	Involve	Coastal Values Survey CBRG Information sessions Workshops Online polling
Nearby businesses	Impact on their business	Involve	Coastal Values Survey CBRG Information sessions Workshops Online polling
Visitors	Key assets within the PRH	Consult	Coastal Values Survey Information sessions Online polling

Aboriginal Groups	Significant sites, key assets within the PRH	Involve	Coastal Values Survey CBRG Information sessions Workshops Online polling
Special interest community groups	key assets within the PRH	Involve	Coastal Values Survey CBRG Information sessions Workshops Online polling
Resident/Community Groups	Impact on their property, key assets within the PRH	Involve	Coastal Values Survey CBRG Information sessions Workshops Online polling
Strategic Property Owners	Impact on their property	Involve	Coastal Values Survey Information sessions Workshops Online polling
Broader community	key assets within the PRH	Consult	Coastal Values Survey Information sessions Workshops Online polling
Boating Clubs and Institutions	Impact on their club, key assets within the PRH	Involve	Coastal Values Survey CBRG Information sessions Workshops Online polling

### 3. Action Plan

#### 3.1 Engagement Activities

Composing the community and stakeholder engagement process are five main engagement methods, as outlined in the table below.

**Table 3. Summary of Engagement Methods**

Method		Purpose of this Method
Stage 1	Community and Business Reference Group (CBRG)	<p>To help the project reach the community and local businesses, we will establish a Reference Group with the community and local businesses. The purpose of the CBRG is to provide oversight and advocacy of the CHRMAP for the duration of the project and the engagement activities. The members key responsibilities will be sharing local knowledge and sharing project engagement opportunities with their networks to promote community participation. Ideally, we would like to share the project scope and engagement approach with members of the CBRG to maximise communication and foster a sense of ownership.</p> <p>The CBRG will be a conduit to and from the community and local businesses on the technical aspects of the project to help in the dissemination of key information throughout their networks.</p> <p><u>Expression of interest period:</u> The logistics of the EOI process will be managed by the City, where element will provide support and advice when necessary.</p> <p><u>Meetings:</u> CBRG meetings will occur at key milestones of the project as necessary.</p>
	Pop-up Information Session (x2)	<p>Two (2) pop-up info sessions will be held to promote knowledge sharing. This will be the first face-to-face touch point with the community. The purpose of the pop-up info session is to provide information about the project to the community, introduce them to what feedback we are collecting from them, promote the survey and be there to answer any questions they may have.</p> <p>We suggest creating a fun and friendly atmosphere that will draw the community to the event, the addition of a free coffee cart or sausage sizzle would be beneficial to increase engagement, or scheduling the event alongside other popular events in the City of Albany (for example, markets, festivals, etc).</p> <p>Information shared at the two (2) pop-up events will also be shared via the project web page to cater for people who can't attend each of the sessions. A simple pose a question 'box' will also be included to ensure our FAQ's for the project are meeting the needs of the community and key stakeholders.</p>
	Coastal Values Survey	<p>An online and hard copy survey will be distributed to collect and inform the coastal values of community and key stakeholders including topics such as general demographic information, visitation frequency, observations of coastal degradation, notable assets, and coastal values. The survey will run before and after the pop-up information event and will be advertised via all channels of the Project Awareness Campaign as well as distributed via a stratified random sample with an emphasis on the coastal area. We will work with the City to acquire the relevant ratepayer database to be used for the stratified random sample technique. We recommend a sample size of 2000, aiming to achieve a response rate of 25% (500 responses).</p> <p>NB: the City have suggested using ArcMap GIS to assist with the distribution and spatial mapping component within the survey.</p>

<b>Stage 5</b>	Community Workshops (x2)	<p>To collaborate with community and stakeholders in the final stages of determining the risk treatment options to be considered in the CHRMAP, we will hold two Community Workshops with the following agendas:</p> <ul style="list-style-type: none"> <li>• Recap on previous project stages and key information.</li> <li>• Identify coastal assets and determine why these are important</li> <li>• Identify the consequence of erosion or inundation on that asset.</li> <li>• Identify what assets the community and stakeholders would prioritise and create a database of answers.</li> <li>• Identify potential adaptation and risk treatment options that could address the risks.</li> </ul> <p>Please note: in response to state borders opening on 05 Feb 2022, we may move the workshops (one or both) online at the direction of the City.</p>
	Preferred adaptation polling	<p>Following the Community Workshops, we will further test the preferred adaptation strategies with the broader community by inviting them to an online polling activity to vote on their preferred adaptation strategy. This will also increase accessibility to the engagement activities for those who are time poor or not able to make the face-to-face workshops.</p>

## 3.2 Communication Methods

### 3.2.1 Project Awareness Campaign

A CHRMAP is a complex and technical document for the community to comprehend, therefore, we will establish a timely and reliable point of communications which the community can view to receive project information, updates and be informed of when and where their opportunities to participate in the engagement process will be. The project awareness campaign will be informed by:

- A **project webpage** (including FAQs, project timeline and engagement activity dates and locations)
- **Social media posts**
- **E-news** and traditional newsletter article
- **Email / MailChimp** campaign to key stakeholders and interested community members
- **Posters / flyers** in coastal locations advertising the project, pop up event and survey.
- **CBRG project champions** – once the CBRG has been established, one of their key roles will be to act as project champions and be a conduit from the project team to their local community, promoting the project and engagement activities.
- **‘Closing the loop’ Community Update leaflet** to update the community on the progress of the CHRMAP and inform of the engagement outcomes and next steps throughout the project lifecycle.

#### A note on coordinated engagement

We appreciate the City have existing communication channels, through which residents and stakeholders respectfully receive trusted information. We will work with the City’s communications lead to ensure coordinated delivery of project messages is made through trusted channels.

Logistics such as venue hire, invite distribution, equipment, catering and printing of communications materials will be the responsibility of the City. Any modifications to the City’s webpage will be undertaken by the City. If the City does not have access to a web survey platform, element have access to SurveyMonkey which will be utilised if required. This will encounter no additional costs to prepare, host and maintain the survey, and it will be agreed with the City prior to proceeding.

Aspects of the project awareness campaign will continue throughout the project as it evolves

### 3.2.2 Methods of Communication

**Table 4. Methods of Communication**

Engagement Method	Targeted Stakeholders	Communication Channel(s)
Community and Business Reference Group (CBRG)	Residents and local Businesses from the City of Albany	Expression of interest period (letter, social media, direct email to local businesses) to be launched same period as the coastal values survey
Info sessions (x2)	All stakeholders	Social media Webpage Email to key stakeholders Letter Posters Newsletter article and e-news.
Survey	Residents, key user groups, local businesses	Social media Webpage Email to key stakeholders Letter Posters Newsletter article and e-news.
Workshops (x2)	Residents, key user groups, local businesses	Social media Webpage Email to key stakeholders Letter Posters Newsletter article and e-news.
Preferred adaptation polling	Community (residents, local businesses, key user groups)	Social media Webpage Email to key stakeholders / webpage registration database.

For timing of the engagement methods, please refer to *Section 5 Engagement Activities Schedule*.

Proposed engagement catchment for letter is depicted below.

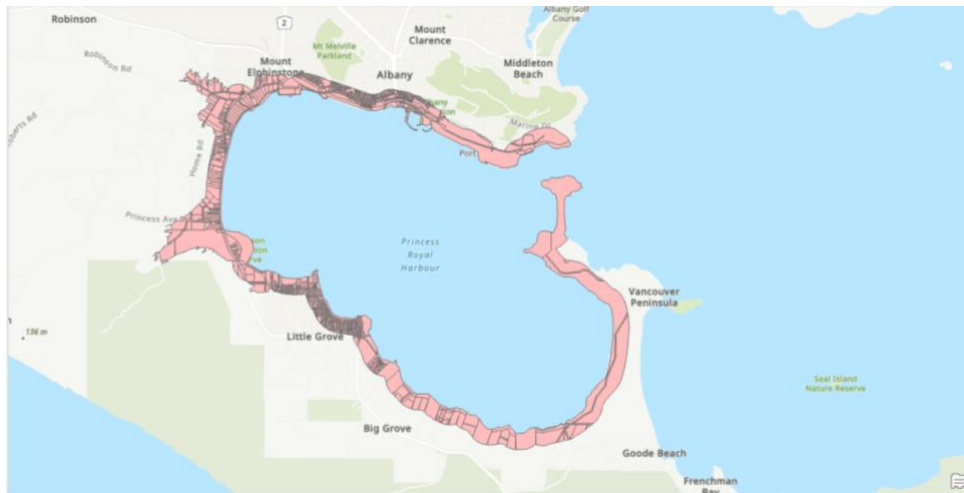


Figure 2 Proposed survey distribution catchment

### 3.3 Key Messages

The following key messages will be used to guide communications to community and key stakeholders for the engagement approach. They are designed to be informative and easy to understand for the lay person. Please see the appendices for the draft Frequently Asked Questions which will be used for the webpage communications.

Topic	Key messages
About the project	<ul style="list-style-type: none"> <li>• A CHRMAP is a plan that identifies our assets along the coast and what we will do to preserve them against the impact of coastal processes and hazards.</li> <li>• The purpose of the plan is to identify key assets and impacts of coastal hazards (such as erosion, rainfall and catchment flooding) and set out a suitable strategy to mitigate these impacts.</li> <li>• The plan will consider 20 - 50- and 100-year horizons and will be updated over time based on current mapping forecasts.</li> <li>• Coastal assets are anything along the coast that are valued by the community and key stakeholders and can be of environmental, social (cultural), and economic nature. These assets can be both natural and man-made.</li> </ul>
Coastal Hazards	<ul style="list-style-type: none"> <li>• Coastal hazards are naturally occurring events that impact our coastline, such as coastal erosion or flooding (also referred to as inundation).</li> <li>• This project will consider rainfall and catchment flooding in addition to storm surge inundation.</li> </ul>
Benefit Distribution Analysis	<ul style="list-style-type: none"> <li>• A Benefit Distribution Analysis will be undertaken where it can be demonstrated that an adaptation option will substantially benefit only a few, or a group of private stakeholders that can be reasonably isolated as being more vulnerable to lack of action.</li> <li>• It will assist in apportioning the costs (capital and recurrent) of implementing chosen risk management measures, based on the beneficiary pays principle. For further information, refer to the SPP2.6 Guidelines (WAPC, 2020) section 4.5.1.</li> </ul>



<p>Community engagement</p>	<ul style="list-style-type: none"> <li>• An important part of creating a CHRMAP is involving the community and key stakeholders as these are the people who live, work and recreate around the coast and therefore, the ones who will benefit from the plan.</li> <li>• We will engage with the community and key stakeholders over the course of completing the CHRMAP, about 2 years. There will be six key engagement activities where the community and key stakeholders will have a chance to be involved in the project and to learn about this project.             <ul style="list-style-type: none"> <li>○ Attend a pop-up information session to learn about the project.</li> <li>○ Join the Community and Business Reference Group (CBRG).</li> <li>○ Complete the coastal values survey.</li> <li>○ View the information on the City’s webpage.</li> <li>○ Attend one of the Community Workshops</li> <li>○ Vote in the adaptation polling (online) activity.</li> </ul> </li> <li>• We are seeking the community’s help in identifying coastal values and aspirations (including environmental, social and economic) and also their preferences in adaptation strategies – that is, how we should lessen the impact of coastal hazards on our coast.</li> <li>• At the community workshop, we will be testing the level of tolerance and acceptability of specific risks within the community for specific assets, or groups of assets and involving the community in identifying suitable adaptation options.</li> </ul>
<p>Project stages and timing</p>	<ul style="list-style-type: none"> <li>• This project will be carried out in 8 stages, as described below.</li> <li>• We expect the project to be finalised in late 2023.</li> </ul>

	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>CHRMAP Stages</b></p> <ol style="list-style-type: none"> <li>1 Establish the Context</li> <li>2 Risk Identification</li> <li>3 Vulnerability Analysis</li> <li>4 Risk Evaluation</li> <li>5 Risk Treatment</li> <li>6 Implementation Plan</li> <li>7 Monitoring and Review</li> <li>8 Final CHRMAP</li> </ol> </div> <div style="width: 45%;"> <p><b>Engagement Milestones</b></p> <ul style="list-style-type: none"> <li>• Engagement Plan</li> <li>• Awareness campaign</li> <li>• Information Sessions (x2)</li> <li>• Coastal Values Survey</li> <li>• Community and Business Reference Group</li> <li>• Interim Engagement Summary</li> </ul>   <ul style="list-style-type: none"> <li>• Awareness campaign contd.</li> <li>• Community Scenario Workshops (x2)</li> <li>• Online Polling</li> </ul>   <ul style="list-style-type: none"> <li>• Awareness Campaign Contd.</li> <li>• Final CHRMAP Information &amp; Feedback Session</li> </ul> </div> </div>
<p>Climate change and sea level rise</p>	<ul style="list-style-type: none"> <li>• While climate change and sea level rise have underpinned the State Planning Policy 2.6, this project is about planning for the potential of coastal hazards, in the event that they might happen.</li> <li>• While the scientific community has established that anthropogenic climate change is occurring, uncertainty remains about the magnitude and extent of the impacts from these processes and changes. Despite the uncertainty, early consideration of coastal hazards and the management of appropriate planning responses can provide economic, environmental and social benefits.</li> <li>• The CHRMAP is not about discussing if climate change is real, it is about planning to lessen the impacts of coastal hazards on our coastline and valued assets.</li> </ul>
<p>Project team assisting the City of Albany (who we are?)</p>	<ul style="list-style-type: none"> <li>• The City of Albany have appointed a consultant team of Water Technology, Cardno and element to lead the CHRMAP study.</li> <li>• Water Technology are xxx</li> <li>• Cardno xxx</li> <li>• element is Perth's leading urban planning and design firm and are appointed in this project to lead the strategic planning and engagement components.</li> </ul>

# 4. Engagement Activities Schedule

**Table 5. Engagement Activities Schedule**

Not yet started | In progress | Complete | Client Tasks

No.	Description	Responsibility	Timing Start	Finish	Targeted Stakeholders	Medium Collateral	Outcomes Note
<b>1 – Project Start Up</b>							
1.1	Inception meeting	N/A	16.12.2021				
<b>2 – Community and Stakeholder Engagement Plan (CSEP)</b>							
2.1	Community and Stakeholder Engagement Plan - Draft	element	16.12.2021	21.01.2022	Project team		
2.2	Community and Stakeholder Engagement Plan – Final	element	24.01.2022	14.02.2022	Steering Committee		
<b>3 – Stage 1 – Establish the context</b>							
3.1	Prepare all communications collateral (see Communications Distribution Plan for further guidance)	element	10.01.2022	31.01.2022	All	Webpage copy Letter Posters / flyer Social media post copy E-newsletter and newsletter copy Direct stakeholder email	
3.2	Prepare collateral for CBRG EOI process – <i>to be incorporated into the above communications</i>	element	10.01.2022	31.01.2022	Community members, nearby residents and local businesses	Terms of Reference Selection Criteria EOI form	

3.3	Draft survey	Element, with input from Water Tech, Cardno and the City.	10.01.2022	31.01.2022	All		
3.4	City to review communications content and approve	City	31.01.2022	07.02.2022	All		
3.5	City to review draft survey and approve for distribution.	City	31.01.2022	07.02.2022	All	Final survey	
3.6	Launch webpage and communications, including CBRG EOI period	City	14.02.2022			All comms but holding space for survey 'launching next week!'	
3.7	Distribute letter with survey and launch survey online		21.02.2022		Residents in GIS catchment	Letter	
3.8	Survey is live		21.02.2022 – 04.04.2022 (COB)				May need to extend survey to get more results
3.9	CBRG EOI application period		14.02.2022 – 11.03.2022		Community and local businesses		Applications period ongoing to get businesses involved.
3.10	Select CBRG members and send out invite to first meeting	element	11.03.2022 – 07.03.2022				
3.11	Draft pop-up session collateral (poster content, flyer etc)	Element, Water Technology	28 Feb	14 March	Community, visitors and key stakeholders	Poster content Briefing sheet (internal) Fact sheet / FAQs / Flyer	
3.12	Review pop-up session content	Water Technology, City	14 March	18 March	Community, visitors and key stakeholders		
3.13	Hold first CBRG meeting	element (virtual), City	1-2 weeks prior to the pop-up info sessions  w/c 21 March 2022		CBRG members	Agenda Presentation	Purpose: to brief members of the engagement plan and ask any questions. Provide members with some info on previous CHRMAPs to look over prior to the meeting.

3.14	Pop-up content provided for project web page	element, City	28.03.2022				
3.15	Hold one pop-up info sessions	element, City	Thursday 31 March 4pm – 8pm Saturday 2 April 10am – 2pm		Community, visitors and key stakeholders	Lock in venue / dates Posters Flyers	
3.16	ADDITIONAL ENGAGEMENT: <ul style="list-style-type: none"> <li>School talks (Adrian)</li> <li>Intercept surveying (Hayley)</li> </ul>	element and the City	Sunday 4 April - ??		School / youth Communtiy, users of PRH (i.e. visiting boatshed markets)		
3.16	Prepare interim outcomes report on stage 1 engagement	element	04.04.2022	14.04.2022	Steering Committee		
<b>4 – Stage 4 – Risk Evaluation</b>							
	Hold second CBRG meeting	Element (online)	TBC	TBC			Project update and feedback from CBRG
<b>5 – Stage 5 – Risk Treatment</b>							
	Draft communication collateral	element	TBC	TBC		Webpage updates Social media posts Newsletter article E-news article Letter / flyer Stakeholder email	
	City to review and approve collateral		TBC	TBC			
	Communications / advertisement to promote the workshop to go live		TBC	TBC		Webpage updates Social media posts Newsletter article E-news article Letter / flyer	

						Stakeholder email	
	Prepare materials for the workshops		TBC	TBC		Draft presentation Draft worksheets, handouts Run sheet	
	Hold third CBRG meeting		TBC	TBC			
	City to print off hard copy materials (A0 worksheets)		TBC	TBC			
	Hold workshops (x2)	Element, Water Technology, Cardno and City	TBC	TBC			
	Prepare draft online polling from workshop outcomes		TBC	TBC			Will ideally occur day after workshop / very soon after
	Launch online polling		TBC	TBC			
<b>6 – Outcomes Reporting</b>							
	Prepare draft outcomes report		TBC	TBC			
	Finalise outcomes report	Element	TBC	TBC			
<b>7 – Stage 7 – Implementation Plan</b>							
	Hold fourth CBRG meeting		TBC	TBC			
<b>8 – Stage 8 – Final CHRMAP</b>							
	Hold final CBRG meeting		TBC	TBC			

Please see the Communications Distribution Plan (separate document) for more detail on the roles, timing and content of the communications for this project.

# Appendix A. Frequently Asked Questions

## What is a CHRMAP?

A CHRMAP is a long-term plan to address the impact of coastal hazards on our coastline. It looks at various hazard scenarios within 20-, 50- and 100-year timeframes and, with input from the community and key stakeholders, identifies the most appropriate adaptation strategies and options.

## What are the strategies and options for managing coastal hazards?

There are four overarching 'strategies' to manage coastal hazards. These are:

- Avoid
- Planned or managed retreat
- Accommodate
- Protect

## What do you mean by 'coastal hazards'?

When we say 'coastal hazards' we mean, naturally occurring events that impact our coastline, such as coastal erosion or flooding (also referred to as inundation).

Erosion is a process where parts of the shoreline are worn away due to waves, tides, wind or human activities. It can change the shape and form of the coast, reducing the area between the ocean and features on the land, and even allowing inundation.

Inundation is when water occupies previously dry land. It can be temporary or permanent:

Permanent inundation refers to the loss of land due to sea level rise.

Temporary inundation is the flooding of an area due to storm surge, high tides or large waves.

## What is shaping the Princess Royal Harbour?

Princess Royal Harbour is a natural harbour that is sheltered from the large open ocean swells that typically impact and shape Western Australia's south west coastline. The natural processes that shape the harbour's shoreline are more subtle, including ocean water level variations due to tides and storm surge, locally generated wind waves (seas) and water level variations associated with rainfall runoff. These factors can combine during rare storm events to cause significant change to vulnerable shorelines in a short period of time. Underlying sea level rise is expected to amplify these shaping processes into the future, leading to a gradual retreat of shorelines that are susceptible to erosion and broader average coastal flooding extents.

## Why should I be involved?

While this is a strategic, long-term plan for managing coastal hazards on the coastline, it is important for the community and key stakeholders to be involved so that the plan accurately reflects their values and aspirations for the coastline. It is also important that you get involved as a key task we ask the community and key stakeholders for their input on is the preferred management options – that is – what can we do to protect our coastline from eroding or being flooded.

**How will the community be involved?**

We will be seeking input from the community at various points in the CHRMAP lifecycle. Below is a list and indicative timings of the engagement opportunities:

- Register your email on the CHRMAP webpage to stay informed
- Join the Community and Business Reference Group (February 2022)
- Take the Coastal Values Survey (February 2022)
- Attend one of two information sessions (Feb – March 2022)
- Attend one of two Community Workshops (Late 2022)
- Add your vote in the online polling for adaptation options (Late 2022)

**Is this project similar to the Emu Point to Middleton Beach CHRMAP?**

Yes, this project is similar to the Emu Point to Middleton Beach CHRMAP, however it is for a different study area (the Princess Royal Harbour in Albany) and therefore different assets and management options needs to be identified.

**I don't believe climate change is real, therefore I don't understand why we need a CHRMAP?**

Regardless of whether you believe climate change to be real or not, our coastline and the assets that are situated along it are in need of protection in case of a threatening coastal hazard event.