

# Stakeholder Survey

This survey is also available to complete online by visiting [wanneroo.wa.gov.au/consultations](http://wanneroo.wa.gov.au/consultations)

## About you

1. How old are you? Under 18 / 18-24 / 25-34 / 35-44 / 45-54 / 55-64 / 65-74 / 75 years+
2. Do you live in the City of Wanneroo? Yes / No
3. What is your postcode? \_\_\_\_\_
4. How close to the coast do you live? 0-1km / 1km-5km / 5km+
5. How close to the coast do you work? 0-1km / 1km-5km / 5km+
6. Do you run a business that is related to the coast? Yes / No  
If yes, how so? \_\_\_\_\_
7. Do you belong to a community or social group that uses the coast? Yes / No  
If yes, please describe \_\_\_\_\_
8. How often do you visit this section of Quinns Beach? Daily / Weekly / Monthly / Occasionally / Rarely  
If applicable, please describe the primary reason you visit/use this beach \_\_\_\_\_
9. How well informed do you consider yourself to be on coastal impacts that may happen due to rising sea levels?  
Uninformed / Not well informed / Have some idea / Well informed / Very well informed / Expert
10. Please include any other information about yourself that you think might be relevant to this project  
\_\_\_\_\_  
\_\_\_\_\_

## What aspects of this section of Quinns Beach, and its management, are important to you?

11. Environmental aspects, such as plant and animal communities, should be preserved and protected  
Strongly disagree / Disagree / Neutral / Agree / Strongly agree
12. Public safety should be a priority in the area  
Strongly disagree / Disagree / Neutral / Agree / Strongly agree
13. Facilities encouraging coastal use, such as surf clubs, parks and access ways, should be provided & maintained in the area  
Strongly disagree / Disagree / Neutral / Agree / Strongly agree
14. The beach should be preserved and protected to allow recreational use, such as walking and swimming  
Strongly disagree / Disagree / Neutral / Agree / Strongly agree
15. The use of coastal areas should incorporate local economic benefit (e.g. restaurants, cafes, tourism)  
Strongly disagree / Disagree / Neutral / Agree / Strongly agree
16. Infrastructure such as roads, carparks & access paths should be provided and maintained to allow access to the coast  
Strongly disagree / Disagree / Neutral / Agree / Strongly agree
17. Please describe any other aspects of this beach and how it is managed that are important to you  
\_\_\_\_\_  
\_\_\_\_\_

## Given that the shoreline is expected to move inland gradually over the next 100 years at this site...

18. How would you like to see this area being used and managed in 20 years time? \_\_\_\_\_  
\_\_\_\_\_
19. In 50 years time? \_\_\_\_\_
20. In 100 years time? \_\_\_\_\_
21. Are there any other comments to do with this site or this project that you would like to provide?  
\_\_\_\_\_  
\_\_\_\_\_



# Coastal Hazard Risk Management and Adaption Plan

## Lot 211 Quinns Road, Mindarie



## Background

The City of Wanneroo is investigating redeveloping the site at Lot 211 Quinns Road, Mindarie (see site map on the following page) for tourism related use.

The City has commissioned consultants *Cardno* to assist them in developing a Coastal Hazard Risk Management and Adaptation Plan (CHRMAP) for the site, to assess the coastal vulnerability of the site at various planning timeframes, up to 100 years into the future.

This is a proactive measure to prepare for future coastal changes and hazards associated with climate change and rising sea level, and to ensure compliance with State Government Planning Policy.

To date, the CHRMAP project has investigated coastal hazards at the site, such as erosion and inundation, and identified assets potentially at risk from coastal impact now and in the future. An initial assessment of management options to prepare for and deal with predicted changes has then been undertaken.

The City has also been developing a CHRMAP for its overall coastline, as part of a separate project. This site was not included in the overall CHRMAP due to the ongoing investigation and planning of coastal protection works at Quinns Beach, which might have affected the future vulnerability of this site.

Details and further information around the CHRMAP process can be found on the City's website [www.wanneroo.wa.gov.au/QBLTCM](http://www.wanneroo.wa.gov.au/QBLTCM) in association with the overall CHRMAP process. The survey opens on 14 August and closes on 8 September 2017.



## The outcomes of the CHRMAP process so far

As with the majority of coastlines around the world, it has been predicted that the shoreline at this site will gradually move inland over time. This is mainly due to predictions of a rising sea level over the next 100 years, which will adjust the shoreline through long-term and storm-based erosion.

It is important to note that the coastal hazard lines (shown on the site map) are not supposed to be accurate predictions of the shoreline position in the future. Rather, they are tools to plan and prepare for what could occur during a large storm event at various future timeframes.

The beach at this site has had a relatively stable shoreline over the past decade and testing has found that there is considerable limestone rock beneath the sand dunes, which could help protect assets behind them.

Assets at the site are not considered to be immediately vulnerable to coastal hazards, but their vulnerability is expected to increase in the future. This includes the beach and vegetated dunes, which are considered to be key natural assets at the site.

## Your feedback is valuable

A key component of the CHRMAP process is engaging with the local community and other relevant stakeholders in an ongoing manner during the project.

A key reason for community engagement is to establish success criteria for the CHRMAP. These are desires of the community that are used as benchmarks to measure the success of management planning.

Success criteria were established for management of the City's coastline, through the overall CHRMAP project. These criteria have been incorporated into the project for this site. However, further feedback is being sought to determine the community's desires and concerns specific to this site, with respect to present and future coastal hazards.

Community feedback is also critical in assessing options for management of coastal hazards going forward. This is about how the community would like to see the site being maintained and used in 20, 50 and even 100 years' time.

Although the timeframes may be beyond your lifetime, the aim of the CHRMAP process is to ensure that future generations will have the same opportunity to use and enjoy the coast that we have today.

