

## How can I be involved?

Council is eager to engage the community about the Plan given the range and complexity of stormwater management issues in the Barker Inlet Central area.

At the upcoming Open House sessions, Council would like to invite anyone that is interested to please drop by for as little or as long as you like to learn about the project and provide information that can contribute to the development of the plan.

### Sessions will be held at:

- **Wednesday 26th February 2020**  
6:30pm – 8:00pm  
Irish Harp, Payinthe, City of Prospect,  
128 Prospect Road, Prospect SA 5082
- **Thursday 27th February 2020**  
3:30pm – 5:00pm  
Community Room No 2, Parks Library  
46 Trafford St, Angle Park SA 5010

In addition, while the Plan is being prepared, updates will be available at a project website located on the Port Adelaide Enfield Council website at:  
[www.cityofpae.sa.gov.au](http://www.cityofpae.sa.gov.au)

Once a draft Stormwater Management Plan has been prepared, there will be a range of consultation activities to ensure community feedback is provided on the draft Plan before it is finalised.

**For more information, please contact:**

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on 8405 6600 or  
[service@cityofpae.sa.gov.au](mailto:service@cityofpae.sa.gov.au)  
or visit the project website at  
<http://www.cityofpae.sa.gov.au>

# Barker Inlet Central

## Stormwater Management Plan

### *Community Info Brochure*



The Barker Inlet Central study area is home to over 40,000 people and spans across three Local Government Areas; City of Port Adelaide Enfield, City of Prospect and City of Charles Sturt.

The study area is highly urbanised, containing numerous commercial and industrial developments as well as major road and rail infrastructure. The Barker Inlet Wetland is situated at the northern end of the study area and is designed to accommodate stormwater runoff from over 4,500 hectares of catchment comprising much of the suburbs north of the Adelaide CBD.

The topography of the Barker Inlet Central area consists predominantly of flat land with a shallow grade from south to north. The catchment becomes much steeper towards the south-east end within Prospect. Extensive re-development throughout

the catchment in recent years, increasing the impervious area, has potentially increased the susceptibility of the catchment to stormwater drainage issues.

The City of Port Adelaide Enfield, City of Prospect and the City of Charles Sturt, with joint funding from the Stormwater Management Authority, are preparing a Stormwater Management Plan (SMP) for the Barker Inlet Central area in partnership with a consultant team led by Southfront.

The Barker Inlet Central SMP will provide greater clarity to the extent of the stormwater management related issues in the area. The SMP will also guide Council's decision making processes to better manage flood risk, water quality, stormwater detention/retention, water reuse and development in the area.

## What is the study area?

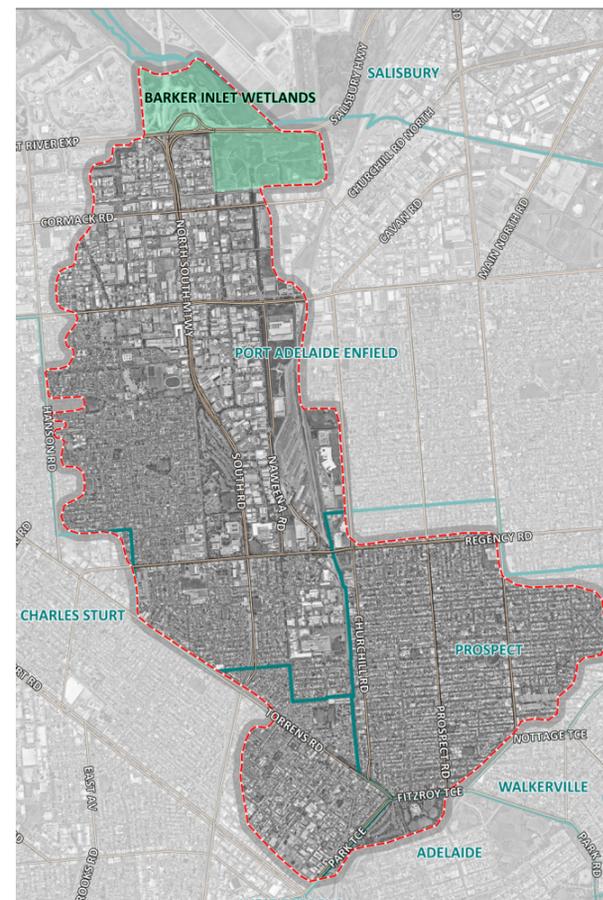
The Study Area for this Stormwater Management Plan consists of three major catchment areas;

- Hindmarsh-Enfield-Prospect (HEP)
- Dunstan Road
- North Arm West (NAW)

Together these catchments collect water from as far away as the suburbs of Bowden, Nailsworth, Woodville Gardens, Mansfield Park and Wingfield and ultimately discharge into the Barker Inlet Wetland.

The total catchment area for the Barker Inlet Central catchment is approximately 2,300 hectares, spanning across three Council areas; City of Port Adelaide Enfield, City of Prospect and the City of Charles Sturt.

The Barker Inlet Wetlands also receives stormwater flows from the North Arm East Catchment (2,400ha) situated to the east of the study area. A Stormwater Management Plan has previously been completed for this area.



## What are the goals of the Stormwater Management Plan?

Council have identified the following goals for the Stormwater Management Plan:

1. Identify flood prone areas and opportunities to reduce flooding, taking into consideration the management of stormwater infrastructure and the projected impacts of climate change
2. Improve the water quality of stormwater discharging into the Barker Inlet
3. Investigate opportunities for water conservation, stormwater harvesting, and re-use
4. Protect and enhance water dependent ecosystems
5. Provide principles and policies to inform future decision making regarding stormwater management.

## How does the Stormwater Management Plan relate to previous studies?

The Stormwater Management Plan will build upon a range of studies and works previously undertaken by Council including the North Arm East Stormwater Management Plan (2017) and various specific catchment/project studies. Other relevant project studies include Barker Inlet Wetlands, South Road Superway and Northern Connector projects.



## How will the Stormwater Management Plan be prepared?

The Stormwater Management Plan commenced in mid-2019 and will be prepared through to early 2021, involving the following steps:

