

# Navan Park Retarding Basin

## Project introduction

### December 2017

Melbourne Water is upgrading the Navan Park retarding basin in Melton West to ensure it continues to reduce the risk of flooding to the community.

These works will begin in early 2018.

The Navan Park retarding basin plays a crucial role in managing stormwater in the local area.

### Timing of works

Work will be undertaken from 7am to 6pm Monday to Friday and 7am to 1pm Saturday, if required. Outside of these times quiet work may take place.

### What is happening?

Aqua Metro Services is delivering these works on behalf of Melbourne Water.

The upgrade involves:

- Excavating a trench along the embankment, and backfilling trench with a new sand filter
- Hardening of the embankment, to ensure the continued integrity and stability of the retarding basin
- Fencing off and closure of the works area. All shared user paths will remain open.

Once construction is complete, the grassed areas will be reinstated with topsoil and hydroseed. Hydroseed is a mixture of seed, water and mulch that produces grass growth at a much faster pace than regular seeding.

## Location and access

The Navan Park retarding basin is located in Navan Park, off Centenary Avenue, Melton West.

Construction crews and traffic will access the site via the public car park off Centenary Ave. The work area will be contained to the downstream embankment, located at the southern end of the park (Centenary Avenue), and will be fenced off during construction.

Public access to the park will be maintained at all times during construction. There will be partial closure to the off-leash dog parks during construction within this area; we will minimise impact where possible, for users of these off-leash dog parks.

We'll continue to work with local residents and other users of the basin to inform them of the works schedule and any associated impacts that may take place.



Figure 1: Navan Park retarding basin – project works area

## What to expect

As this project is taking place in a residential area, we anticipate our neighbours may notice:

- Large trucks and machinery working in the basin
- Site shed and worker amenities installed in the area
- An increase in traffic in the area, particularly along Centenary Avenue and within the Navan Park public car park
- Some noise, dust and vibration from construction activities, mitigation measures will be in place
- Fencing off and closure of the works area. Partial closure of off-leash dog parks.

## Working with the community

We're committed to reducing the impact of construction works on the local community.

We will be speaking with local residents in late 2017 and early 2018 about the upcoming works.

We'll continue to keep you updated as the project progresses.

## Why we are doing these works

Melbourne Water have over 200 retarding basins that we regularly assess for risks and conduct maintenance and upgrade works as necessary. Melbourne Water has been directed by the Minister for Water to ensure all of retarding basins comply with the Australian National Committee on Large Dams (ANCOLD) guidelines. Each retarding basin is assessed individually so each will have different upgrade requirements to ensure they are compliant with the ANCOLD guidelines and continue to operate safely.

Navan Park retarding basin has recently been assessed against the ANCOLD guidelines. The assessment has shown that upgrade works are necessary to ensure the retarding basin continues to reduce flood risk and operate safely for the community. It is therefore extremely important the upgrade works take place as scheduled in early 2018.

### Contact us

If you have any questions please call Melbourne Water on 1800 571 926 or email  
[RBupgrades@melbournewater.com.au](mailto:RBupgrades@melbournewater.com.au)



Interpreter

For an interpreter, please call the  
 Translating and Interpreting Service  
 (TIS National) on 13 14 50



**Like us**

[facebook.com/melbournewater](https://facebook.com/melbournewater)



**Follow us**

[@MelbourneWater](https://twitter.com/MelbourneWater)



**Visit us**

[www.melbournewater.com.au](http://www.melbournewater.com.au)

# Frequently Asked Questions

## **What is a retarding basin?**

A retarding basin is a low lying area that acts as an urban dam to temporarily store stormwater during high rainfall events. Retarding basins also control the outflow of the stormwater into the drainage system, which reduces flood risk to the local community and also protects our natural waterways.

Melbourne Water currently manages over 200 retarding basins across Greater Melbourne.

## **Why are you carrying out work on so many retarding basins?**

Melbourne Water has been directed by the Minister for Water to ensure all of retarding basins comply with the Australian National Committee on Large Dams (ANCOLD) guidelines. The ANCOLD guidelines represent the best Australian and international engineering practice in the safe design, management and operation of dams.

Each retarding basin is assessed individually so each will have different upgrade requirements to ensure they are compliant with the ANCOLD guidelines and continue to operate safely.

## **Why does the Navan Park Retarding Basin need to be upgraded?**

Navan Park retarding basin has recently been assessed against the ANCOLD guidelines. The assessment has shown that upgrade works are necessary to ensure the retarding basin continues to reduce flood risk and operate safely for the community. The upgrade is occurring to further lower the risk profile and to ensure the risk is as low as reasonably practicable.