

Community Bulletin

27 April 2009

Construction of a Wetland and Retarding Basin near Tanti Creek in Mornington

In mid May, the Waterways Alliance on behalf of Melbourne Water will begin construction of a wetland and retarding basin near Tanti Creek in Mornington.

The wetland and retarding basin will be built on 5.5 hectares of land bounded by Brimbrim Crescent, Samantha Drive and the Mornington Tourist Railway track.

When completed in March 2010 it will increase flood protection and naturally treat and reduce pollutants, such as nitrogen, suspended solids and phosphorus in stormwater entering Tanti Creek and Port Phillip Bay.

The wetland and retarding basin will also feature a public path around its boundary linking Brimbrim Crescent to Samantha Drive and Narambi Reserve.

What's happening and when?

The Waterways Alliance – a partnership between Ecodynamics, Fulton Hogan, SMEC and Melbourne Water – will construct the project on Melbourne Water's behalf.

Building the wetland and retarding basin can be broken down into three main steps:

1. **Earthworks and civil construction** – In total approximately 160,300 cubic metres of soil will be moved around the site to build the wetland. This includes approximately 60,000 cubic metres which needs to be taken offsite by truck. Civil works are required to stabilise the banks and create the in and out flow facilities.
2. **Building an outflow pipe** – A 490 meter outflow pipe will be built from the wetland site to Tanti Creek along the Mornington Tourist railway line
3. **Planting and landscaping** – over 75,000 native plants will be planted to vegetate the wetland and retarding basin

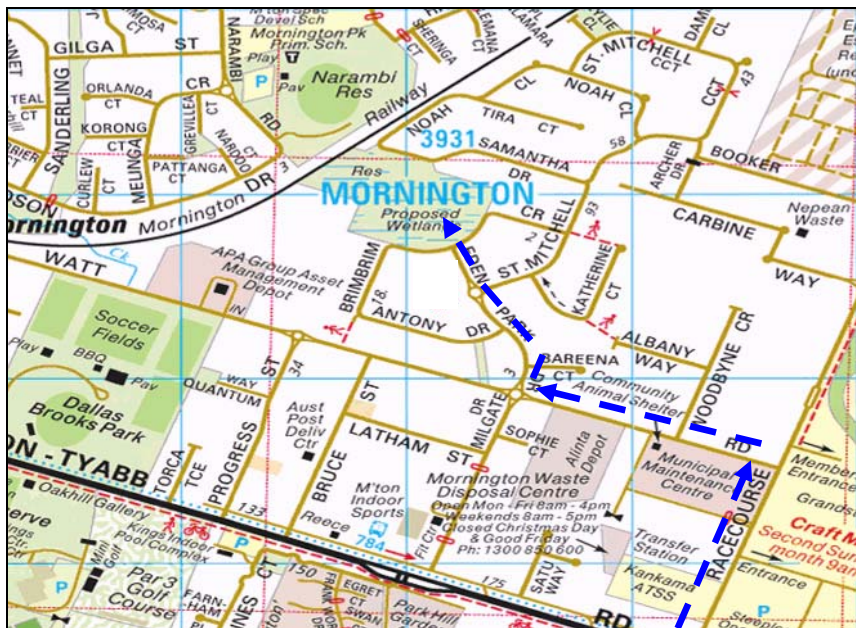
How will the project impact local residents?

We are committed to minimising the impacts of our works on the community; however machinery working at the site will create noise during work hours 7am to 5pm.

While water carts will be used on site, residents may also experience more dust than usual.

Site access

Trucks will enter and exit the project site at Brimbrim Court from Eden Park Drive via Watt Road and Racecourse Road.



Melway reference 145, K2

Why build a wetland and retarding basin in Mornington?

The wetland is part of Mornington Peninsula Shire's plan for the area and is an important part of Melbourne Water's program to improve water quality and reduce nitrogen levels entering Port Phillip Bay.

This wetland system is expected to remove about 650 kilograms of nitrogen a year and will also treat and reduce other pollutants, such as suspended solids and phosphorus.

The project will also provide additional flood protection for an immediate six nearby properties.

Meet the Project Manager

Local residents are invited to meet the project's Manager Cindy Deayton at Mornington Park Primary School in Mornington.

The informal session is a chance to learn more about the project and to ask any questions that you might have.

What: Meet the project manager

When: Drop in between 4.00pm and 6.00pm, Wednesday 6 May

Where: Multi-purpose Room, Mornington Park Primary

Call Martin Stern on 0428 641 550 for information about this project. Or call Melbourne Water on 131 722 or visit melbournewater.com.au for general information about other projects to secure a sustainable water future.