

Community Bulletin 1

22 December 2009

Riviera Outlet Reconstruction

The Pipelines Alliance on behalf of Melbourne Water will begin works to replace the outlet from the Riviera Street drain in mid-January 2010.

The drain is an essential part of the flood control infrastructure in the Seaford and Frankston areas. It allows excess stormwater from Kananook Creek to flow directly into the bay to prevent the risk of flooding in the Frankston CBD.



Figure 1 – The Riviera Street drain outlet is nearly 50 years old and in need of replacement

Most of the 290 metre long drain has already been upgraded and treated to prevent further corrosion and deterioration, but the final 60 metre section between the sand dunes and the bay is beyond restoration. It is this section which is to be demolished and replaced.

Construction is expected to take **approximately ten months** to complete and during this time you may notice:

- **Closure and fencing of some beach areas and access paths** – The path between the Riviera Hotel and the beach will need to be closed during the works. Alternative beach access will be available from either Keast Park to the north or from the pathway south of the structure (see figure 2). The area of beach around the structure will also need to be closed and fenced for safety and security. At the end of construction, paths will be reinstated and security fencing removed.
- **Removal and trimming of foreshore vegetation** – Some trees, bushes and other vegetation will need to be removed, relocated or trimmed to allow machinery and materials to be moved to and from the worksite or to create sufficient area to carry out construction activities.

We will work to **minimise these impacts and ensure vegetation is reinstated** when works are complete. We will also plant additional trees and shrubs to off-set the impact of removing vegetation from the foreshore.

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- **Additional truck movements and lane closures** – Trucks delivering machinery and materials will use the car park near the toilet block directly opposite the Riviera Hotel. On some occasions it will be necessary to close one of the north-bound lanes of Nepean Highway. Closures will avoid peak traffic times and traffic management will be in place on such occasions.

Common Questions:

When will the work take place?

Work is expected to commence in mid-January 2010. The project is expected to take most of the year to complete and should be finished by December 2010. Some reinstatement works, including plantings, may take place at a later time to suit seasonal conditions.

Why are you doing this work?

The drain structure is severely deteriorated and its continued safety cannot be guaranteed. By repairing and replacing sections of the drain now it will continue to operate effectively and provide essential flood protection.

What is the purpose of the structure?

The drain acts like a safety valve for excess flows in Kananook Creek; eg when levels are high (such as during major storm events) flows can be directed straight into the bay to prevent the possibility of flooding downstream.

The drain will operate as required during construction to ensure downstream areas continue to be protected throughout.

How was the design chosen?

The replacement structure is designed to be the same as the existing outfall. This design was chosen by the community through a series of workshops involving community and environment groups, and Frankston City Council.

Who is responsible for the project?

This work is being carried out by the Pipelines Alliance on behalf of Melbourne Water. The Pipelines Alliance is a partnership between Fulton Hogan, Jaydo, GHD and Melbourne Water, and is part of a five-year program to improve sewerage and drainage systems across the Port Phillip and Westernport regions.

Will the project affect Kananook Creek or the bay?

These works are not expected to have any affect on Kananook Creek and strict guidelines will be put in place during construction to ensure the bay is protected from any environmental impacts.

For information about this project call Wes Turnbull on 1800 792 466. You can also call Melbourne Water on 131 722 or visit www.melbournewater.com.au for general information about other projects to secure a sustainable water future.