

# Community Bulletin #2

**13 April 2010**

## Riviera Outlet Reconstruction

Reconstruction of the Riviera Outlet on Seaford beach is underway. The project involves replacing the 60 metre section of the outlet which extends from the sand dunes to the bay. This work is being undertaken by the Pipelines Alliance on behalf of Melbourne Water.

### What's been done to date

Work began in mid-January with site preparations such as fencing, erecting signage, forming a stable path with wooden sleepers to allow machinery and materials to access the beach, and the establishment of a site office next to the Riviera Hotel car park.



Red gum sleepers form a stable path for the safe movement of machinery to and from the beach



It didn't take long to demolish the old structure

Once the site was established and secure, work began on exposing the old concrete structure, part of which was buried under the dunes. The sand that was cleared at this time has been stockpiled on the beach and will be replaced when construction is complete.

With the outlet exposed, the demolition commenced. After 50 years of weathering the elements, including regular pounding from the waves, the old drain was in very poor condition and put up little resistance. In no time it was reduced to a pile of rubble! Special protection was provided around the demolition area to prevent any particles or contaminants being washed into the bay. Broken concrete and old reinforcement was then removed to allow construction of the new outlet to begin.

Sheet piling was installed to create a coffer dam. This is an area around the works that can be pumped dry and which will provide protection from the tides. It is formed by driving corrugated metal sheets into the sand and interlocking them to form a water proof barrier. They will be removed when the project is finished.

Work is expected to take up to ten months to complete. For the next month progress will appear to be slow. This is because there is considerable work required to prepare the foundation, set reinforcement in place and pour the slab that the new structure will sit on.

### Beach Access

During the works and for safety reasons, access to the construction area has been restricted. This is not only because there are heavy machines and loads being moved, but because some areas of the site may be unstable. It is essential people observe the warning signs and stay well clear.

Restrictions on access paths will also remain in place throughout the project. Please follow the signs directing you along alternative access tracks.

We appreciate your patience and cooperation on this matter.

### Traffic Impacts

Disruption to Nepean Highway is being kept to a minimum; however it will be necessary to close the left lane to city-bound traffic on days when the pre-cast, concrete sections are being delivered. Delivery of these large units is expected to take place over two separate one week periods. To minimise impacts to traffic we will only close the lane between 9.30am and 3.30pm to avoid busy travel times.

All necessary VicRoads approvals will be obtained for this closure and appropriate signage and traffic management safeguards will be in place.

Information about this project, including previous bulletins, FAQs and an Environmental Fact Sheet, can be found at [www.melbournewater.com.au](http://www.melbournewater.com.au) under *Current Projects / Drainage* or call Wes Turnbull on 1800 792 466.

You can also call Melbourne Water on 131 722 or visit [www.melbournewater.com.au](http://www.melbournewater.com.au) for general information about other projects to secure a sustainable water future.