



**TOWN POINT PILING PROJECT**

**Edition 9**

Shaw Contracting along with Hayward's and Hudson Civil has commenced work on piling of the North Esk river bank opposite the Sea Port development in Launceston. This project aims to stabilize the bank which currently carries an earthen flood levee protecting many businesses in Lindsay St Invermay.

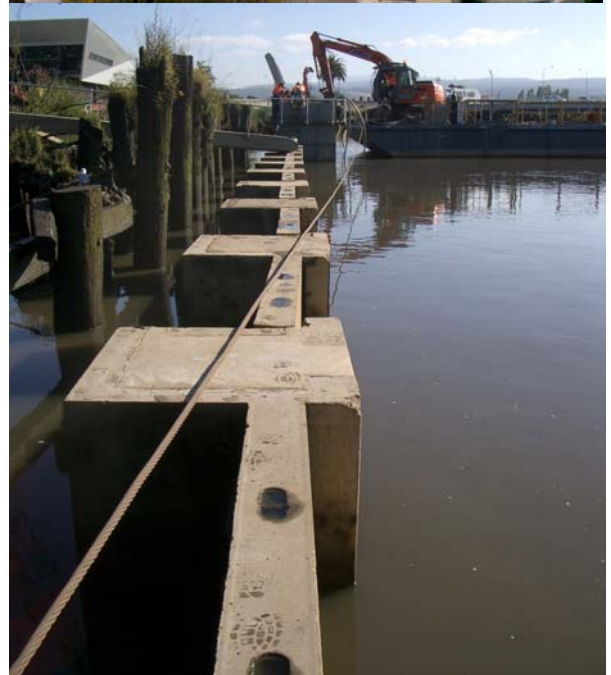
The levee is in danger of 'slipping' into the North Esk River. This project requires the supply of 2,000 Tonnes of precast concrete including 134 18m piles and 67 wall panels. The wall is now nearing the completion of the precast installation and works will commence on bank stabilization shortly.



Hayward's 150 tonne crane lifts the 18m piles from the storage area to the PLA barge for driving. Each wall section is then lowered over the two (vertical and raked) piles. The wall panels are being cast at our new Western Junction facility near Launceston Airport.



Once the piles have been driven and broken down to the correct height, a wall panel (shown with a protective work box attached) is lowered into place. These photos show the 'special' starting panel being installed and the finished product after forming and pouring. Note the tops of the piles are visible (at right) for 30 minutes at low tide only.





## Western Junction Casting Facility

Due to the ongoing expansion of our sales of large items. With an increase in the market for large precast items, **Hudson Civil** has found the need to expand our 'Large Products' capabilities by establishing a purpose built facility in the rapidly developing Airport Industrial Park area, near Launceston Airport.

This site will manufacture the items of larger size and mass than is generally cast at either of our Launceston or Hobart factories, as well as the various unique and complex items which require more space.

Stage One of the development includes a 10 Tonne overhead crane with an impressive area under hook of 2,000 m<sup>2</sup>, enabling construction and storage of products for major projects such as the Town Point panels, that would not have been possible at our Launceston yard where the larger items have traditionally been cast.

As this part of our business continues to expand and production increases, further development of the site will be undertaken.

### Edition 9



## Hobart Airport – Holyman Drive Redevelopment

Redevelopment of Hobart Airport as a shopping and accommodation district is well underway, with Andrew Walter Constructions completing works on Holyman Drive which leads to Hobart Airport.

**Hudson Civil** supplied AWC with 78 Reinforced Concrete Box Culverts (RCBC) each measuring 2100mm x 900mm x 2440mm long. Three separate lines were installed on site, with two double cell culverts and one triple cell culvert installed on insitu bases.

The redevelopment of this area also included Pumptech Tasmania installing two **Hudson Civil** 1800mm diameter pump stations, associated pipe and fittings, valve pits and activated carbon odour control units.

**Hudson Environmental** was created last year to service this market, this is a typical showcase of what we can now offer contractors and engineers when constructing pump stations and all associated infrastructure.



## CRADLE MOUNTAIN WASTEWATER PROJECT

A new reticulated sewage scheme is being funded by the State Government at Cradle Mountain, to cater for existing and potential future development in this sensitive environment.

Treloar Transport is the lead contractor on this major project and have been constructing the reticulation network including gravity and rising mains for three services – potable water, sewerage and recycled water.

As well as supplying all the pipe, various valves, fittings and pipeline components for the project, **Hudson Civil** is also manufacturing and supplying all precast concrete components for the work.

This includes major unique items such as:

- Two pump stations, each 3.0m diam
- 6 overflow storage tanks, each 4m in diameter (each approx. 30KL)
- Various large valve pits & lids
- Large retaining wall panels for pump station odour beds

The supply of this equipment by **Hudson Civil** has delivered major benefits for the contractor, especially removing the need for any casting on the remote site in a variety of demanding weather conditions.

This project provides another example of the holistic solution Hudson Civil can offer contractors, designers and engineers on major infrastructure projects.



## [“At Source” Pollution Control – Harvey Norman Site, Cambridge](#)

The newly opened Harvey Norman site turned its stormwater management system into a feature via the use of several large ornamental ‘lakes’. This has seen the need to prevent pollutants entering the stormwater system at the source i.e. the road side-entry pits.

Hazell Bros along with Clarence Council saw the advantage of using **Hudson Environmental’s** PIT TRAP in lieu of other devices called up during the initial design.

Our PIT TRAP is a rigid aluminium frame and removable basket that allows for both vacuum truck evacuation along with the ability to remove the basket from its frame to allow manual emptying and full pit access.

The design of the deflector in the lintel itself allows low flows to be directed into the basket whilst also permitting high flow events to bypass directly into the stormwater system without the re-mobilisation of pollutants.

