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Collinsvale Waste Water Treatment Plant upgrade Pump Tech Tasmania

PumpTech Tasmania specialises in the supply and installation of industrial pumping and water treatment systems, including wastewater treatment systems. PumpTech are currently installing a Testech Germany, BioDisc RBC type Sewage Treatment Plant for the township of Collinsvale in Southern Tasmania on behalf of the Glenorchy City Council.

The sewage plant design calls for a series of primary pits to be installed before the BioDisc RBC plant enabling primary bacteriological treatment and sedimentation of the activated sludge. The pits also provide a flow buffer enabling storage of peak wet weather events for eventual treatment through the BioDisc RBC plant.

The design called for a large storage volume split across three tanks. The tanks selected were 1 x 4.0m diameter x 3.0m deep and 2 x 3.0m diameter x 3.0m deep. Hudson Civil Products were able to cast these tanks at their Launceston workshop in the required time frame and transport them to site at pricing levels lower than tanks of a similar capacity constructed on site. PumpTech Tasmania uses Hudson Civil Products tanks and pits exclusively as we find the products of good quality with competitive pricing levels and excellent customer related sales and service.



4m Diameter tank under construction. Due to the height required, the tank was slipped formed in 2 hours and weighs 23 tonnes



2 - 3m Dia Tanks weighing 18 Tonnes each

Glen Houn Main Road to Judbury Road.

Works Infrastructure - Widening of road and upgrading of drainage.

This project involves the widening and upgrading of drainage systems on approximately 10 km of Glen Huon road. Works Infrastructure is in the process of installing 150 D.I.E.R. type P24-2 headwalls manufactured by Hudson Civil Products at our Hobart operation. The approximate value of construction works is \$4.5 million and is due for completion by October 2005. The headwalls supplied by Hudson Civil have been poured on site for many years, however, we are expanding our D.I.E.R product range and have many projects to supply in 2005 including Ulverstone Penguin Duplication (Shaw Contracting) and West Tamar Highway upgrade (Andrew Walter Constructions/Paul Zanetto P/L drainage sub contractor).

These projects utilise many products conforming to DIER specifications and will be included in forthcoming newsletters.





Last years TAMS / IPWEA conference was held at the Launceston Federal Country Club and attended by well over 100 people from across the state. This conference continues to be a good way of showcasing the capabilities of Hudson Civil to one of our main markets. We enjoyed support from both James Hardie and Nextep with the working model of the Q Guard Stormwater Treatment Device proving very useful in explaining how the unit operated. Both companies sent delegates to Tasmania for both days of the conference and both commented on the great day they had touring the Maritime Museum at Low Head and finished the day off with a few holes at the much talked about Barnbougle Links Golf Course. Well done to all those involved in organizing this annual event.

Upuolo Road Upgrade, Samoa, Shaw Contracting

Shaw Contracting has won a contract in Samoa funded by the World Bank to rehabilitate the West Coast Road in Upuolo.

A large part of this work is the replacement of culverts and improved drainage. Currently in a lot of places the road acts as the drain.

Shaw Contracting is using local resources and pipes supplied by Hudson Civil. We have sent 3 x 40 foot container loads.

FRC pipe is well suited to this type of road rehabilitation due to the flexibility that FRC allows namely:

- Pipes custom made to length to suit shipping container sizes
- FRC is significantly lighter than SRC pipe thus saving money on freight costs.
- Most pipelines are in need of extensions with a large amount of on site cutting required. FRC pipe is significantly easier to cut than traditional SRC pipes.

The value of the works is approx \$4 million AU.

