



Welcome to the latest edition of *Hudson Civil News*.

2013/14 has been a stellar year for Hudson Civil Products, with many of our valued customers completing major works across Tasmania with DIER, Tasmanian Irrigation, Councils and Taswater all undertaking major infrastructure projects at various times.

When times are tough it is the solid and dependable contractors and suppliers who work harder and smarter to get the job done - and we applaud our valued customers who have successfully won and delivered outstanding performances on projects during this time.



Brady's lookout MASSBLOC wall construction



MASSBLOC RETAINING WALLS - BRADY'S LOOKOUT (AWC)

HUDSON CIVIL PRODUCTS worked closely with **Andrew Walter Constructions (AWC)** on the Brady's Lookout (West Tamar Highway) upgrade project for **DIER** during 2013/14. In total, almost 3,000 MassBloc® units were used to stabilize and create new embankments for the adjusted road alignment and renewal.

As a D&C aspect of the project, **AWC** thoroughly researched various options for the many retaining wall structures in this project, with their evaluation confirming the MassBloc® system best met the key requirements for compliance, aesthetics, time and cost.

During installation the flexibility of the system ensured **AWC** was able to manage the significant horizontal and vertical curves in the new road alignment, as well as installing quickly with consideration to traffic and safety. **AWC** incorporated a 'lay back' of the blocks on a number of retaining walls to maximize the efficiency of the design and reduce material inputs.

In a recent press article, West Tamar Mayor Barry Easter said the Council was impressed with the work. *"We've had very little interruption to traffic movement and people are very impressed with the design and construction of the highway."*

Another great project from AWC using MASSBLOC, thanks for Stewart Geeves, Dennis Lockhart and Geoff McKenna from AWC for their assistance on this project.





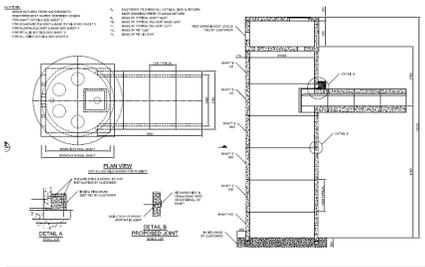
AVK SUPAPLUS Valves for HDPE pipe

Hudson Civil Products supplied the high pressure DICL pipe, fittings and specialist valves (among many other products) to **VEC** on the **TASMANIAN IRRIGATION KNMIS** project on the North West coast.

AVK SUPAPLUS and Poly-tailed valves were supplied on this project, saving time and money for the contractor on site due to the elimination of the need for additional stub flanges, backing rings and bolted connections. The SUPAPLUS "gripper" arrangement provide a mechanical connection for HDPE pipe use - a real bonus for the installers on site, eliminating butt welding or electro fusion joints when installing as well.



See more on the **AVK SUPAPLUS** and Poly-tail valve range here:
<http://www.avkvalves.com.au/resources/0170.pdf>



URIS dam outlet pipe being installed



RINGAROOMA IRRIGATION PROJECT

Hudson Civil Products is currently supplying products to the **TASMANIAN IRRIGATION** Ringarooma (URIS) project in North East Tasmania.

SHAW CONTRACTING is completing the Ringarooma Dam project, which includes a major outlet pipeline using 960mm MSCL pipe supplied by **HCP**. This critical piece of the project infrastructure uses MSCL pipe made in Australia by **PENTAIR**, was welded by local fabrication experts **HB ENGINEERING** and was lifted into place by Tasmanian crane company **PFEIFFER CRANES**.

VEC CIVIL are undertaking the pipeline construction works on this project under a separate contract, and **Hudson Civil Products** are supplying various fittings, concrete products and fabricated elements required during construction on this as well.

Thanks to Joe Luttrell of Shaw Contracting for his assistance on this project



STUDENTWORKS is a full-service manufacturing business with one simple difference: their products are made by grade 8, 9 and 10 high school students under the supervision of skilled tradesmen and women.

At **STUDENTWORKS**, when they say "*we manufacture a proven product*" they mean exactly that. You can call on **STUDENTWORKS** for virtually any metal, catering, glassware or timber product and also provide support for enthusiastic students who are developing skills to be job-ready for the world of work.

Students undertake an intensive practical education which results in both academic and V.E.T. Qualifications, but which most importantly prepares them for the life after school

HUDSON CIVIL PRODUCTS is very strong supporter of **STUDENTWORKS** - they already supply many of the fabricated steel and grating products you see in common HCP products. As a believer in supporting the local community **HUDSON CIVIL** believes **STUDENTWORKS** as well as providing valuable products and services is also to be commended for creating pathways for students towards future careers and work skills which might otherwise fall outside the regular school system.

Hudson Civil Products encourages you to similarly support this worthy local manufacturer doing such great work in the Tasmanian community.

<http://studentworks.net.au/>



The "Crank Addicts"

Hudson Civil Products recognizes the benefits of healthy living and exercise, and has been promoting a cycling group involving staff, customers, suppliers, consultants and lots of associate members!

The "**Crank Addicts**" enjoy support from **Hudson Civil Products**, as well as being sponsored by various great local Tasmanian businesses.

Members of the group are recognizable out on the road and on the Tasmanian mountain bike trails, often participating in various racing and social riding events including charity rides like the *Great Western Tiers Cycle Challenge*, *Sally's Ride*, *Around the Bay* and the *Freycinet Challenge*.





HUESKER GEOGRIDS and GCLs

Hudson Civil Products provide the outstanding German-manufactured HUESKER range of geosynthetic products. These European market leaders provide outstanding geotextile solutions and have a long history worldwide of technological and material development as well as continuous improvement in the field.

Geosynthetic Clay Liners (GCL) – the *Huesker Tektoseal* is an established and reputable GCL available for sealing liners on landfills, wastewater and water storages, wetlands, groundwater protection and more. This is the latest generation of Bentonite mats, and is widely used where the highest quality GCL membrane protection is required.

GEOGRIDS – the FORNIT and DUOGRID products are proving a hit on various projects in Tasmania, being used by Councils, DIER, Forestry and private industry for subgrade improvement in areas of identified poor ground conditions. The effectiveness and importantly price of this outstanding German product is very attractive, and the results in the field speak for themselves.

New software for optimized pavement design using HUESKER GEOGRID and is now available – email info@hudsoncivil.com.au for your copy.

LARGE CUSTOM PITS – ROUND, SQUARE OR RECTANGULAR

Hudson Civil Products provide a range of custom pits for all applications where larger sizes are required, particularly around large bore pipe systems, angled junctions, valve or fittings pits, or for various other specific needs.

ROUND PITS are available including 1500, 1800, 2400, 3000 and 4000mm ID pits (and more).

A range of **STANDARD SQUARE & RECTANGULAR PITS** beyond the normal range of municipal and DIER pits is also available, see here:

<http://www.hudsoncivil.com.au/assets/files/pits/Precast%20Heavy%20Duty%20Pits.pdf>

Very **LARGE CUSTOM PITS** can also be produced – Hudson Civil manufacture valve pits, junctions pits and more up to 25 Tonne and have cast pits up to 3m x 4m for example – limited only by mass and transport capacity, and your requirements.

Blockouts can be provided & HCP complete shop drawing and design assistance on custom works to allow customers to ensure they have the simplest and most effective solution they require and to ensure maximum efficiency for their work on site.

