



CAPABILITY STATEMENT



APT Water

PUMPING & BEYOND

Leading the industry in pumping technologies, we partner with your business to offer successful pumping solutions for projects across Western Australia.

Our capabilities extend to the mining, industrial, building, irrigation, agricultural and residential sectors – allowing us to deliver cost-effective and energy-efficient pumping solutions to a diverse client base.

We are more than just a pump supplier. We can provide a complete turn-key pump service – including system design, fabrication and commissioning. We offer our clients access to a broad network of dealers, world-renowned products and the very latest in technology.

Our team becomes an extension of yours – providing valuable expertise and assistance in selecting, sourcing and manufacturing to ensure that the process to a successful outcome is as smooth as possible. APT Water specialise in providing the right answers for our clients, regardless of the complexity of the situation or industry regulations.

We pride ourselves on a fast turnaround for quotes, approaching every project with the integrity and professionalism the APT Water team are known for within the pumping industry – a market leading solutions-focused service.

SUPPLYING QUALITY BRANDS

At APT Water, we have built relationships with some of the top brands worldwide and only work with suppliers and products we trust to deliver the highest standards.





Partnering with your business to deliver a total pumping solution – tailored to meet your requirements. From assessing your project and advising the right product options, to designing a system which will improve your operations and efficiency, we work alongside your business until all works are successfully completed.



Selection & Solutions

We work in solutions – not sales. Engaging with your business, we will uncover a pumping solution which provides the greatest benefit to your project.

Based on critical selection criteria – such as required flow, head and power source; along with pipe size, type, run lengths and water quality – we select the ideal products to provide the right pumping outcome. Whether you require submersible pumps, centrifugal pumps, drainage pumps, mining pumps, irrigation pumps, or fire protection pumps, our team of experienced engineers will ensure we supply exactly what you need for any application.

System Design

APT Water provide a custom pump system design service, guaranteeing our ability to offer a pumping system which works for your business and industry.

The expertise of our in-house engineers – who specialise in water movement – along with our workshop team who boast decades of industry experience, can tailor a turn-key solution, reducing on site costs.

APT Water can access a vast range of pumps for all types of applications. Our in-depth knowledge of the local Western Australian markets and pumping industry, along with the latest design software and equipment, helps us create system designs which meet all project demands.



Fabrication & Manufacturing

APT Water have the resources and experience to custom-manufacture a turn-key solution for a wide range of applications.

Pump stations can be fabricated from a variety of materials to suit your specific project – with no job too big or too small. Our workshop is fitted with all the necessary manufacturing equipment including large welding bay and a performance test facility to ensure our designs meet your requirements.

With extensive experience in the manufacture of potable water and irrigation pump stations, filtration and treatment systems, diesel powered pump sets, waste water pump stations and fire water booster systems, we can custom-manufacture a pump solution to meet your pumping needs - on time and on budget.



Support & Service

Our priority is always to offer a first-class service and on-demand support to our clients.

APT Water has a proven high-performance culture and significant industry experience, so we can guarantee a service which goes above and beyond.

The knowledgeable team at APT Water assists clients in finding the right solution, providing a flexible service for your business and giving upfront and honest advice when it comes to product performance and delivery. From selection to supply, we will partner with your business to offer expert pumping solutions and beyond.





Leading the market for groundwater pumping applications – distributed exclusively through APT Water.

Permaglass products have proven themselves to be cost-effective and long-lasting, both here in Australia and world-wide, exceeding the service life of similar equipment on the market. APT Water are the sole distributors for Permaglass globally, offering customers reliable technical support, competitive pricing, and fast manufacturing and supply.



PERMAGLASS® PUMP COLUMN

A lightweight, rigid rising main for submersible pump installations, this product is quick and easy to install. Its corrosion-resistant material ensures a long service life. Designed to BS7159 and manufactured to AS2634 and ISO9001, Permaglass also incorporates testing and post-curing for the highest quality and strength in the final product.

PERMAGLASS® BORE CASING

Ideal for lining groundwater bores, this fibreglass bore casing is corrosion-resistant, strong and lightweight, outlasting any other material in corrosive and/or warm-water conditions. Designed to BS7159 and manufactured to AS2634 and ISO9001, this is the highest quality product on the market for aggressive water and deep installations.



CASE STUDY

Project: Mobile Dewatering Trailers

APT Water was contracted to design and construct two mobile headworks trailers by a leading mining and contracting company for BHP Mt Keith. The package was part of a larger borehole and pipeline project being undertaken on this site.

The package was designed as a completely portable trailer design for the dewatering borefield. Some key features of the trailers include:

- Bermad pressure control and relief valves
- Variable speed drive control switchboard
- Removable blast shields and mounting structure
- FEA analysis carried out on structural framework
- ADR compliant trailer with approved VIN numbers
- All drawings and MDR documentation to client requirements

This was an exciting project to be involved in with a new and rapidly expanding client. The successful delivery of this project demonstrates APT Water's ability to design and construct large packages to suit any of the major mining company's specifications.



Mining & Industrial

Reliable, efficient and safe pumping solutions for the mining and industrial markets.

Water is a critical component of any successful mining or industrial operation – whether it be supply, removal, transfer or potable treatment. Our specialised team at APT Water will develop tailored operational strategies to minimise potential problems, foresee any issues or complications at feasibility prior to any client capital commitment, and will not supply any product unless we are 100% confident it will perform consistently in day-to-day operations.

Our large selection of stainless steel and cast iron centrifugal, submersible, and multi-stage pumps and pump sets are ideal for mining, oil & gas and industrial applications. We can also provide a range of pumps and systems in exotic materials for dirty, contaminated and saline environments.

- Turn-key package design and manufacture – bore pump, riser, headworks, controls, telemetry
- Dewatering
- Mining camps – potable water supply and filtration, truck-wash, wastewater, transfer systems and solar pump packages
- Sewage and wastewater pump stations
- Customised harsh-environment materials – including duplex stainless steel and bronze
- Diesel-powered pump sets
- Fire booster pump sets
- Industry-leading control systems
- PermaSafe PRD 225 – our dedicated Permaglass installation rig



Commercial Building Services

Intelligently designed pump systems tailored to the commercial building sector.

The APT Water difference lies in our dedication to supporting customers from project conception – through to the construction defects liability period and beyond. We specialise in working closely with hydraulic consultants, designers and plumbing contractors to develop the most efficient solutions for commercial pumping applications.

APT Water deliver high-quality, full-service solutions – compliant with all project and plumbing regulations – on-time and on-budget; from shopping centres and apartment buildings to aged care facilities and hospitals. Our range includes hydraulic pumping systems for effluent and waste water disposal, hot and cold-water pressure boosting, and tailored pump systems for fire protection you can rely on to protect your valuable assets.

WATERMARK CERTIFIED

APT Water is proud to be recognised as a Watermark certified pump system supplier in Perth, and we believe this showcases our commitment to the high standard of the products we carry. Our clients know that anything we supply for their project has met all requirements for safety and quality, and is the right product for their application.



CASE STUDY

Project: Perth Children's Hospital

APT Water was contracted to manufacture Hydro-Boost pressure boosting and hot water circulating pumps sets by Xylem and Christopher Contracting for the new Perth Children's Hospital project. This premium State Government project was a dynamic project requiring extensive collaboration between all parties, with specification changing throughout the project life. APT Water were able to assist the client with changes to the system to accommodate these project design changes.

The project from APT Water was delivered on time and on budget and comprised:

- 12 x Hydro-boost multi-pump sets for pressure boosting and hot water circulation, all fitted with Lowara Hydrovar VSD controls.
- 2 x Amiad SAF dual filter skids
- 2 x dual Xylem Wedeco Spektron ONORM validated UV steriliser skids

The successful delivery of this project demonstrates APT Water's ability to design and construct large packages to suit any building services projects of a large scale to meet Government requirements.



Residential & Commercial

Reliable pumping solutions for residential and commercial buildings.

APT Water supply a complete range of quality pumps for household, garden and commercial use. Our team is experienced in the requirements and challenges of the Western Australian market, and can assist in selecting the right product ensuring that only the best pumping system for the application is installed.

We only supply products which are proven to work efficiently in the harshest of conditions, and our team will carefully assess your requirements to ensure the best result for your application.

Our pumping solutions:

- Residential and commercial borehole pumps
- Domestic pressure systems
- Transfer and pressure pumps
- Variable speed pumps and systems
- Wastewater and drainage pumps
- Solar and off-grid pump systems
- Filtration and treatment systems



CASE STUDY

Project: Cockburn Aquatic Centre

APT Water were contracted to supply the pool circulation pumps for the new Cockburn Aquatic and Recreation Centre for one of Perth's leading commercial swimming pool construction companies.

The pumps utilised in this project comprised quality Goulds Water Technology and Lowara stainless steel ISO and DIN pumps.

The project was a great success with the client and the municipality were happy with the products supplied on time and budget.



Irrigation & Agriculture

Pumping solutions for Western Australia's irrigation and agricultural sectors.

From commercial turf farms to large agricultural applications, we can offer a tailored, sustainable system which will reduce ongoing energy consumption, increase the pump's life cycle, and minimise the potential of any future issues.

Partnering with your business, the dedicated specialists in our APT Water team will supply the highest quality pumping products – providing the right outcome for each specific situation.

Our solutions include:

- Surface and borehole pumps
- Electric and diesel driven pumps and systems
- Off-grid and solar pumping equipment
- Industry leading control systems



CASE STUDY

Project: Poultry Farm

APT Water were requested by one of our loyal pump dealers to be involved in the design, manufacture and commissioning of the pumping systems for a large scale poultry farm in WA. The project included water supply from bores pumping into a site reverse osmosis plant, variable speed transfer pumps and then multiple variable speed booster pump sets for water supply to each of the poultry sheds.

This project is currently one of the largest of its kind in Western Australia and APT Water is proud to have been part of the development.

PRODUCTS

Industry-leading products you can rely on to deliver successful project outcomes.

In addition to being the sole international distributor of Permaglass Pump Column and Bore Casing, APT Water are the exclusive Western Australian distributor for some of the worlds most recognised pump brands including Lowara, Goulds Water Technology and Pedrollo.

Alongside our world-class products, we provide our clients with tailored solutions and hands-on service to ensure we improve the operation and efficiency of their pumping systems.

We have a collaborative and long standing partnership with our pump suppliers and this direct access to supply chain, production, design and R&D allows us to influence product development for increased efficiencies.

We are familiar with WA's difficult water conditions and requirements, and have built our range of products from brands we trust to deliver the best results for our clients.





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