AQUA TECHNICS

COMMERCIAL

WA'S COMMERCIAL POOL SPECIALIST

LEADING THE INDUSTRY FOR OVER 35 YEARS

Aqua Technics Commercial is a West Australian owned company specialising in the design and construction of both concrete and fibreglass commercial pools and spas. We have been in the swimming pool construction industry for over 35 years and have the knowledge and experience to assist you in the design and construction of your commercial swimming pool project.

As part of a Quality Endorsed company, we are familiar with quality standards and processes and are prepared to work in with your management practices. We recognise that every commercial project is unique and requires custom solutions to meet the requirements of the job.

Our commitment to quality in both design and workmanship was rewarded when we received the WA Pool of the Year award at the Swimming Pool and Spa Association of WA (SPASA WA) Awards of Excellence. The success of this project was the result of close collaboration between Aqua Technics Commercial and the client.

spasa swimming pool and spa association of western australia inc.

MASTER BUILDERS MEMBER

HIA MEMBER

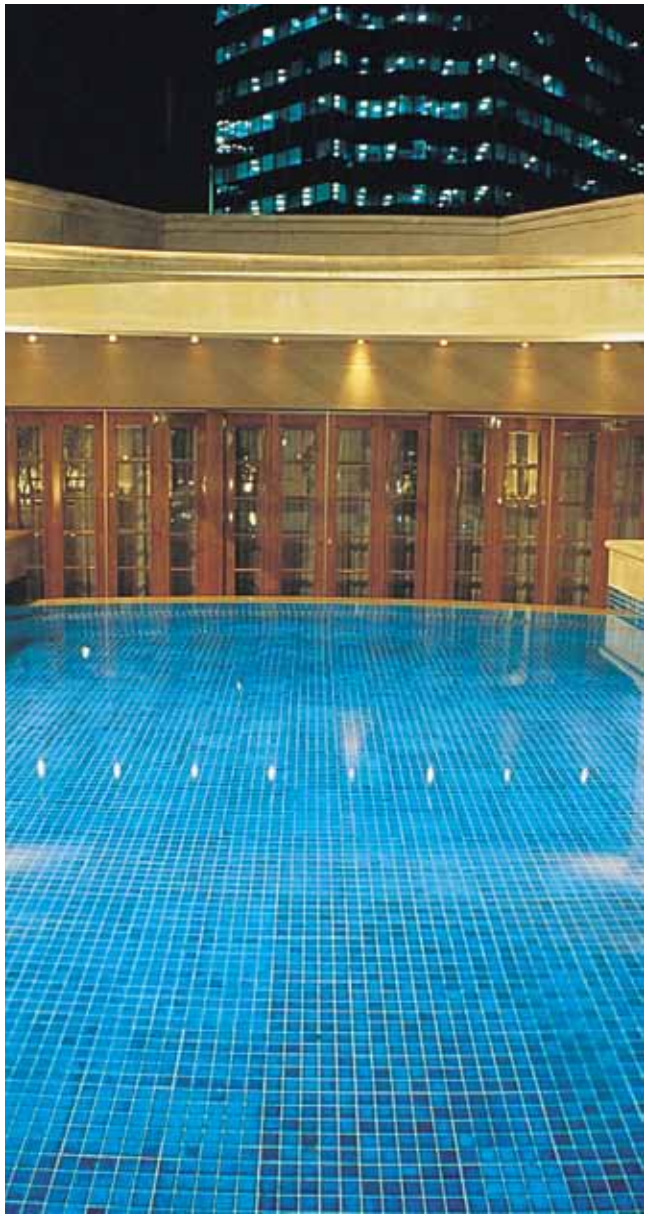
35 YEARS OF KNOWLEDGE AND EXPERIENCE

Aqua Technics Commercial is backed by a team of industry experts who have unquestionable knowledge and practical experience in the commercial pool sector. Managing Director Mr Lew Beale has been with the company since 1976 and his understanding of every facet of a commercial project is second to none.

Our Commercial Manager will oversee the tender and quoting process until the end to ensure it is delivered on time and within budget. Our Senior Project Manager will oversee every part of the construction process to ensure all quality standards are met.

Through our in-house Product Engineer and Civil/Structural Engineer we are able to offer a full range of design and engineering services.

Behind all of these people is a team of experienced individuals, many of whom have been with the company for at least ten years, some as many as thirty. When you select Aqua Technics Commercial to complete your commercial project you can rest assured you are dealing with a qualified company with over 35 years experience in the swimming pool industry.



OUR RANGE OF SERVICES

Aqua Technics Commercial offers you a full turnkey solution where we manage all the trades, materials and equipment from start to finish or you can prepare the site yourself.

We recognise that most commercial projects require custom solutions to meet the requirements of the job. Our range of products and services has been designed with this in mind, offering the flexibility to meet specialist needs.

We have completed both concrete and fibreglass pool projects for the following applications:

- Public swimming pools & aquatic centres
- Residential complexes including apartments
- Health and fitness
- Resorts and hotels centres
- Water features
- Water parks
- Purpose-built custom designs

35 YEARS INDUSTRY EXPERIENCE...

COMMON SIZE GUIDELINES			
POOL TYPE	LENGTH	WIDTH	DEPTH
TRAINING FACILITY	25m	15m	4m
AQUATIC CENTRE POOL	25m 50m	15m 21m	1.2 1.2
HOTEL POOL	10m	2.5m	1.2m
RETIREMENT VILLAGE	20m	10m	1.4 with ramp access
HOSPITAL	15m	10m	1.4 with ramp access
CARAVAN PARK	12m	5m	1.4m

As a guide, the above are common requests for a variety of concrete pool types

CONCRETE POOLS & SPAS

Aqua Technics Commercial has harnessed the knowledge and experience gained over 35 years and developed the most advanced construction techniques in Western Australia. Our reinforced concrete pools not only comply with, but exceed the requirements of Australian Standards AS3600:1988 and AS2783:1992. Every pool is fully concept designed and engineered. We do not compromise on quality and always aim to use pipe work, hydraulic designs and equipment that optimise performance and minimise the level of maintenance required. The structure of the pool shell is constructed using concrete that is double formed and poured or sprayed. The pool can be semi or full wet deck or have skimmer boxes.

Aqua Technics Commercial provides the following products and services in relation to concrete pools:

- New pools
- Pool refurbishments and alterations
- Wet deck conversions
- Water proofing and joint repairs
- Disabled access
- Re-profiling of swimming pool floors
- Hydrotherapy pools
- Public health submissions

PLANT ROOMS AND FILTRATION

Aqua Technics Commercial is fully knowledgeable on all aspects of water treatment filtration, including requirements for Health Department submissions and the installation of complete new water treatment plant rooms. Our team is highly experienced in filtration methods and disinfection processes using chlorine, acid, calcium hypochlorite, salt water chlorinators, carbon dioxide and ultra violet technology.

All of our equipment and products are of the highest quality and we provide you with detailed layout drawings for approval by relevant parties before commencement of works.

CONCRETE PROJECT PORTFOLIO

Our concrete portfolio includes an extensive range of projects that have been completed over the last 35 years, ranging from smaller customised designs to large pools for aquatic centres and resorts. Following is a selection of these projects, many of which have received industry awards of excellence.

PROJECT

Regents Garden Residential Resort, Joondalup

REQUIREMENTS

This indoor pool was purpose built for residents of the Regents Garden Residential Resort. The design needed to include a gently graduating ramp with hand rails to offer easy access for swimmers of various levels of physical ability. The angle of this ramp needed to be precise to meet strict standards relating to wheelchair access into the pool.

WA Pool of the Year **2009**

1·1m

PROJECT

Kirby Swim Centre, Mandurah

REQUIREMENTS

This indoor L-shaped public pool was the first of its kind to be located in Mandurah. The brief was for a fully heated, large main lap pool 25m long by 10m wide as well as a 4m long hydrotherapy pool with a powerful water blower and jets. Finishes included racing lanes, waterline tiles, reconstituted limestone bullnose headers and four grab rails with steps and tread finish.

1.22m
1.12m

PROJECT

Broad Constructions, Como

REQUIREMENTS

Design and construction of a 16m long by 2.6m – 4.5m wide pool and concrete spa for residents of the surrounding apartments. Due to the pool's location, a high-rise tower crane was needed for backfilling of both the pool and spa.

1.5M
1.6M

PROJECT
Cable Beach Club, Broome

REQUIREMENTS

Design and construction of two large individually designed concrete swimming pools. The pools were finished in two different surface finishes to complement the design and enhance the surrounding landscapes. An exclusive golden pebble surface was used on one of the pools.

PROJECT
Kings Park Residential Apartments , Perth

REQUIREMENTS

Construct a pool and spa combination which caters for the lap and recreational swimmer. The pool is 16m long by 3m wide and has two racing lanes and a large swim out area. Fibre Optic lighting lines the sides of the pool.

PROJECT
Craigie Leisure Centre

REQUIREMENTS

Construction of an internal Olympic size swimming pool with an additional children's water playground. Also included were three external swimming pools consisting of a 2.0 metre dive pool, children's wading pool and freeform swimming pool.

PROJECT
Helicopter Crash Training Pool, Jandakot

REQUIREMENTS

Construction of 25m x 11m x 4m deep pool that will be constructed using 16 tonnes of steel and 250 cubes of concrete. The plumbing will include over 100 metres of pipe and the pool will use floor returns and specially made fibreglass suction tanks made at our factory. The pool will be heated through a combination of Natural Gas and 150% solar coverage.

PROJECT
Lord Forrest Hotel, Bunbury

REQUIREMENTS

Design of hydraulics and specification of equipment to be supplied. Construction of swimming pool and spa combination finished in Luxapool Epoxy paint.

PROJECT
Duxton Hotel, Perth

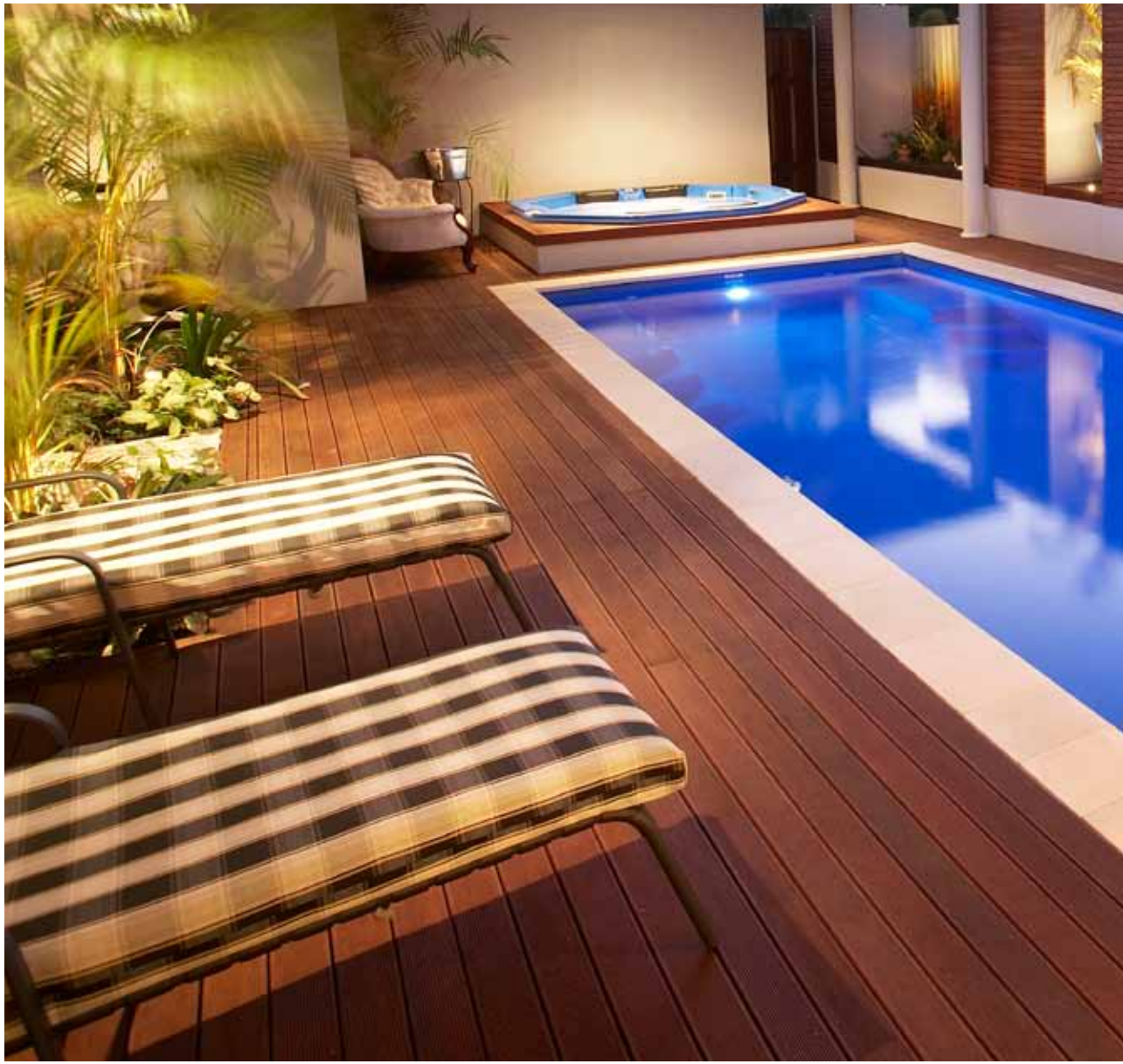
REQUIREMENTS

Liaison with architects for design. Construction of concrete swimming pool, spa pool and water features for lobby and main entrance. 10.0m x 5.0m with a constant depth of 1.2m the pool is fully tiled in 50mm blue mosaic tiles. Four skimmer boxes are located on terrace level with water overflowing and cascading into the lower level - enhanced at night by both underwater and Fibre Optic lighting.

FIBREGLASS POOLS & SPAS

Aqua Technics Commercial is not limited to concrete pools and spas. Our Aqua Technics fibreglass division designs and manufactures fibreglass pools at our Welshpool manufacturing facility and is able to produce specific one-off projects to suit your requirements, with the convenience of a faster turnaround time compared to concrete pools.

Aqua Technics was the first fibreglass swimming pool company in Australia to be awarded Quality Endorsement to ISO 9001 as well as an Australian Design Award. Our fibreglass pools come with a Lifetime Interior Surface Guarantee* with Pool ColourGuard® technology for pool colour that will not fade, as well as an Extended Lifetime Structural Warranty*.



CUSTOM MOULDS

Through our sister company Quickform Automated Moulding we are able to produce one-off customised fibreglass moulds. Quickform has the largest 5-Axis CNC router in Western Australia, with a capacity of 14.5m x 6m and height of 2.9m and uses the latest in CAD/CAM technology to offer high speed machining of models, patterns and moulds.

A recently completed project for Rio Tinto involved the development of a custom pool moulds, as outlined below:

FIBREGLASS PROJECT

Kids Paddling Pool, Wandoo Housing Project

REQUIREMENTS

The client needed a concrete toddler pool 7.8m x 4.3m x 500mm deep to augment an existing pool at an aquatic facility in Pannawonica. Because the lead time was also a consideration, Aqua Technics Commercial suggested building a pre-fabricated fibreglass pool, using a gelcoat finish closely matching that of the plaster used on the existing concrete pool. A mould was constructed and the pool built and installed in less than twelve weeks. On-site installation took only five days, thereby minimising on-site disruption, meeting the customer's project schedule and delivering considerable cost savings compared with the concrete option originally quoted.

FIBREGLASS PROJECT
Berkeley River Resort

REQUIREMENTS

The customer required an 18m x 3.8m x 1.5m constant depth lap pool, but due to the remoteness and sensitivity of the location (in the Kimberley), a customised design in concrete was not viable. Aqua Technics Commercial offered a pre-moulded design, in which a composite pool shell was built in two 9.0m sections, shipped to Wyndham and then transported by barge (80km) to site. An installation crew was flown to site by seaplane and the two sections unloaded and joined, before being installed into a pre-built pool terrace. Installation was completed within six days and included a matching spillway spa, thereby providing patrons with both exercise and recreation options.

HYDROTHERAPY POOLS & SPAS

Aqua Technics Commercial is the exclusive Australian distributor for SwimEx hydrotherapy swimming pools. The range of SwimEx products available for commercial applications includes:

- Pools for physical therapy, rehabilitation and sports conditioning - available in several models to meet your facility's exact requirements
- Commercial hot and cold plunge pools/ spas for sports therapy and rehabilitation - designed to create the ultimate recovery and revitalisation environment for athlete
- Pools for swim training, fitness and cardiovascular exercise programs

SOIL STABILISATION

Aqua Technics Commercial offers supporting services in soil stabilisation. We take care of any ground consolidation needs that may be required prior to excavation, with grout injection services fully certified by a Civil & Structural Engineer.

LANDSCAPING DESIGN SERVICE

Aqua Technics Commercial can assist with the design of landscaping requirements and provide the finishing touch to your project. Our Landscape Designer can take any concept and develop it into a rendered 3D image, with a team to turn it into a physical reality.

THE FINISHING TOUCH

EQUIPMENT & ACCESSORIES

Aqua Technics Commercial can provide a wide selection of swimming pool equipment and accessories. Our range of products includes but is not limited to:

- Racing lanes & super tensioners
- Storage and furniture
- Gratings
- Starting blocks

We use only the highest quality and best value aquatic sports equipment available.

RIGHT PRODUCT FOR YOUR PROJECT

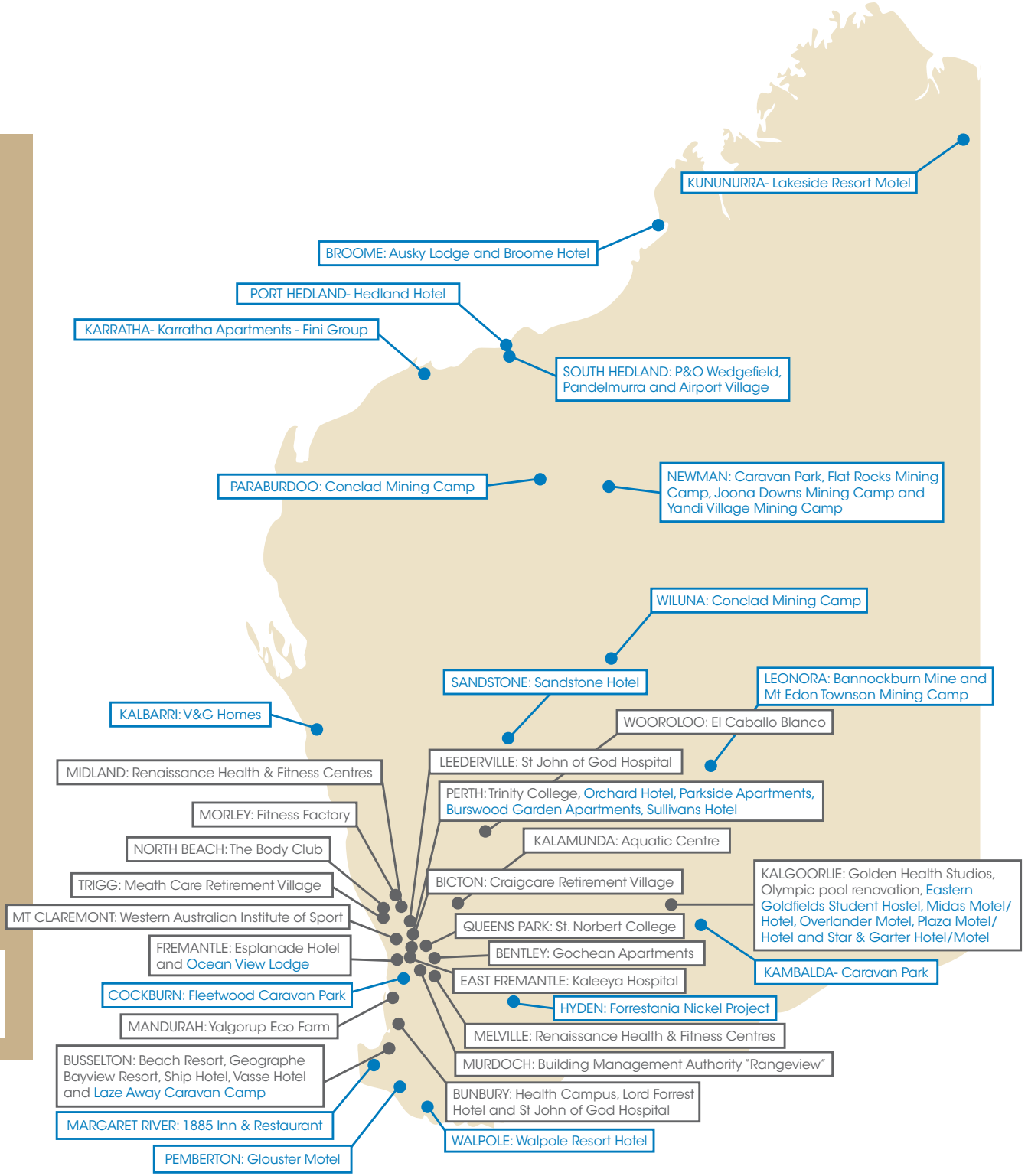
WATERPLAY

If your project requires water park equipment, Aqua Technics Commercial is able to source the right products for your project from Waterplay, which offers the largest scope of aquatic recreation equipment including aquatic play features, slide activity centres, water management systems and aquatic fitness equipment.

OTHER SPECIAL PROJECTS & POOL INSTALLATIONS

With 35 years of industry experience, Aqua Technics Commercial has developed an extensive portfolio of projects all around Western Australia.

This map illustrates the various locations around WA where Aqua Technics Commercial has worked over the years and shows the diversity of projects undertaken.



- Commercial Concrete Installations
- Commercial Fibreglass Installations

*Conditions apply, Pool ColourGuard® and Crystite® pools only

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