AQUATEC-MAXCON

We treat water properly

Capability Statement

40 YEARS SERVING THE WATER INDUSTRY 1970 2010 AQUATEC GROUP

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Company Details

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Peter J. Gilchrist – Executive Chairman
Gregory M. Johnston – Managing Director
Ross Johnston – Non Executive Director

COMPANY SECRETARY

Philip C. Coghlan

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Level 13, 260 Queen Street
Brisbane QLD 4000

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Hayes Knight Audit (Qld) Pty Ltd
Level 19, 127 Creek Street
Brisbane QLD 4000

Introduction

The Aquatec Environmental Group commenced operations in 1970 and has developed into the leading provider of water and wastewater technology in Australasia.

It is vertically integrated offering complete capability in the delivery of these technologies from in-house companies including:

AQUATEC-MAXCON PTY LTD	MAXCON INDUSTRIES PTY LTD	MPA ENGINEERING PTY LTD	AQUATEC SERVICES PTY LTD
Water & Wastewater Technology Project Management	High Quality, Low Repetition, General Engineering	Electrical Switchboard, PLC, SCADA, Telemetry & Electrical Controls	Field Installation, Maintenance & Service

From process selection and design, civil construction, mechanical and electrical equipment, installation, commissioning and maintenance, we are able to meet all the needs for delivery of water and wastewater treatment plant delivery. This allows us to be a "one-stop-shop" for potable, industrial and municipal clients, reducing the number of interfaces as well as offering practical and cost effective overall solutions.

From inception, Aquatec-Maxcon sought to develop high quality market leading technologies better suited to the relatively severe Australian conditions. It has spent over 15 million dollars on research and development of designs that have been refined using input from its workshop, field installation crews, and operations staff to ensure the production of reliable and robust equipment. Together with leading technologies sourced internationally, this has now become the most comprehensive range of water and wastewater technology available in Australia.

Projects are undertaken in all states of Australia, New Zealand and internationally, supported from offices in Brisbane (Ipswich), Sydney, Melbourne and Adelaide. The group employs over 330 people, and has successfully completed projects in New Zealand, Papua New Guinea, Indonesia, Singapore, India, Fiji, Vietnam and China.

In 1994 PT Aquatec-Maxcon Indonesia was established. It has now completed major potable water plants (up to 2000 l/s), as well as several Build Own Operate (BOO) contracts with ongoing operations. The company also has joint venture arrangements through a sister company in Thailand.

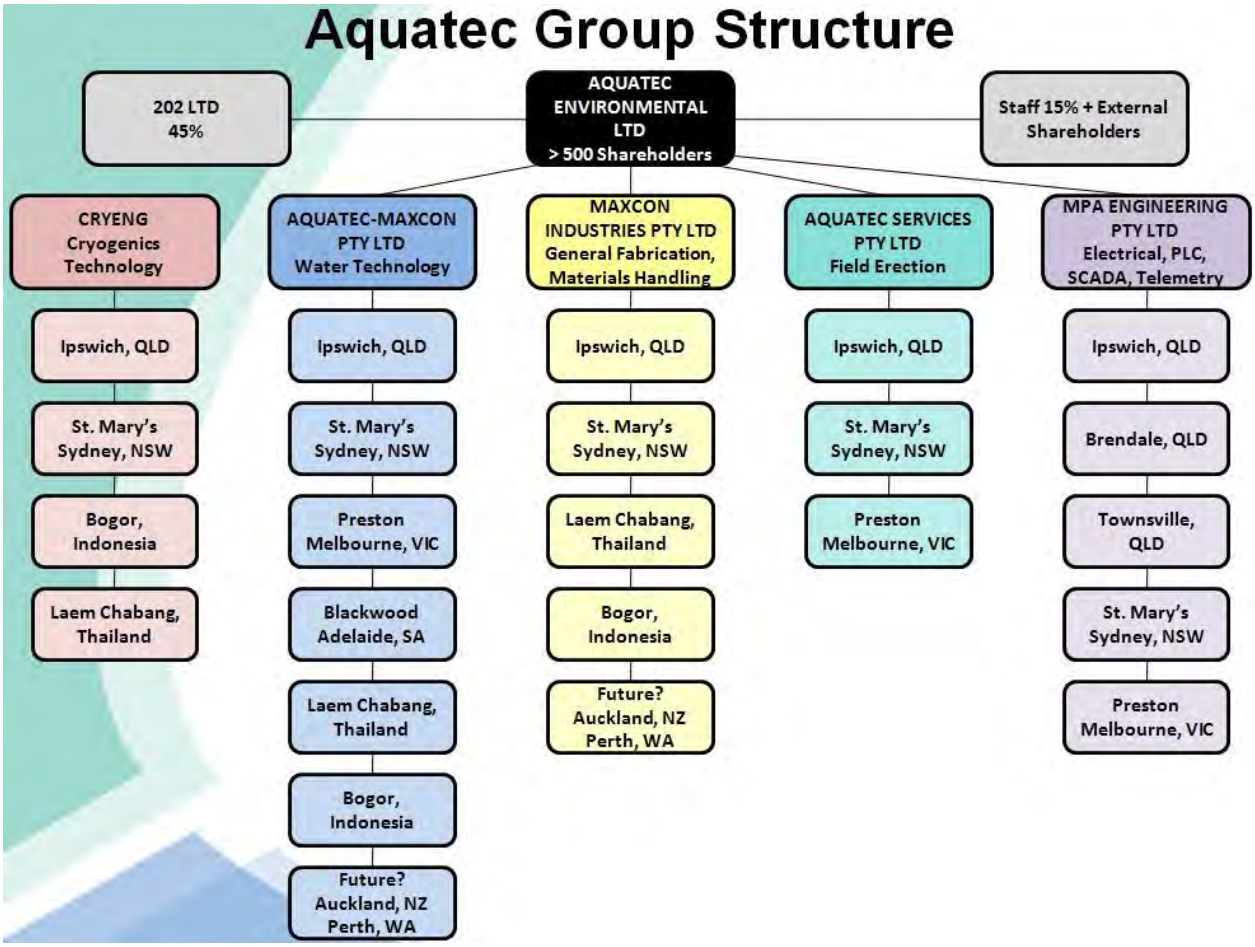
Past Performance

Aquatec-Maxcon have for more than 40 years, designed, installed and commissioned almost every type of water and wastewater technology and have delivered these contracts under various types of project delivery methods. These have varied from purely supply, supply and install, design and construct, BOOT and alliance based projects. Although the capability to deliver complete municipal and industrial projects has increased over time, a large proportion of these projects are still supply and install with a number of these projects being to overseas customers.

Our years of experience have given us a broad range of knowledge of the different processes and equipment used for differing purposes. This means our clients can rely on the correct selection and sizing of equipment for their application. In addition to our technical expertise, we have project management and installation teams with many years of experience in delivering projects in remote areas through to projects in major capital cities.

Aquatec-Maxcon is widely recognized as a trusted project manager and water technology partner. Its delivery of, and contribution to projects has been recognized with International, National and State Awards for Excellence in project management, engineering excellence and community relations.

Company Structure



Market Differentiators

1. Broadest range of water industry technologies from any Australasian company plus strong overseas technology links.
2. Vertically integrated – total in-house capability in civil, mechanical & electrical from design, through construction, installation and long term support including operation.
3. Over 300 permanent staff including over 65 engineers.
4. Over 40 year history of providing quality product.
5. Long term view, always complete the job – never walk away.
6. History of contract completion without litigation – low risk.
7. Strong balance sheet –own premises and equipment.
8. Strong safety record.
9. Australian owned with stable management.
10. Overseas subsidiaries offer lower cost manufacture.

Milestones

1970 Company formation.

1972 First municipal waste water equipment manufactured.

1975 Shift to current principal manufacturing site west of Brisbane.

1979 8 off 42.7m diameter clarifiers provided for Luggage Point, Brisbane.

1984 First major Australian design and construct WWTP (Cameron Bay, Tasmania, 30,000 persons).

1986 First major anaerobic industrial waste water plant completed (Golden Circle Cannery, Brisbane) and first municipal potable plant constructed in Brisbane.

1990 First contract for plant operations.

1993 First major industrial process water project (Stanwell Power Station).

1998 AquaBlade – first Australian fine bubble membrane diffuser & test tank.

1999 IC anaerobic reactor and oxidation ditch for world's largest powdered milk factory, Te Rapa, NZ.

2001 First Australian membrane bioreactor for treatment of sewage (Magnetic Island, Qld).

2001 First Alliance Contract with Maroochy Water to build a sewage plant extension.

2003 Selected for Brisbane Water Enviro Alliance – 3 sewage treatment plant upgrades – Oxley Creek, Sandgate & Wacol (QLD). Initial sum of $175m expanded to over $260m with Wynnum re-use.

2003 Selected for Coffs Harbour WRP Alliance. Total value $23m.

2005 Awarded the Townsville Citiwater Alliance to upgrade Horseshoe Bay, Cleveland Bay and Mt. St. John WWTP's. Case Earth award for projects >$10m in NSW was awarded for the Coffs Harbour Alliance.

2006 Selected for repeat alliance at Maroochydore.

Selected for further alliance for Coffs Harbour Water Reclamation Plant and Karangi Water Treatment Plant. Approximate value $160m.

2007 Selected as the principal constructor for the Brisbane Caboolture Aquafier Alliance to treat the water from 6 water borehole fields around Brisbane and Caboolture Shire with a contract value of $93.7m.

Purchased electrical contracting business, MPA Engineering Pty Ltd.

2008 Initial orders from the Coal Seam Methane industry for 120 Capstone micro-turbines and MF/RO for water treatment.

2009 Delivered major industrial water re-use facilities for Castlemaine XXXX, Visy Smithfield and Smiths Snackfoods.

Brisbane Caboolture Aquifuture Alliance expanded to include the Enoggera WTP, 3 pump stations and chlorination plant.

Received 'Australian Institute of Project Management 2008 Project of the Year National Winner' for Brisbane Water Enviro Alliance.

2010 Successful commissioning of a three megawatt power station to run a reverse osmosis water treatment plant for the coal seam gas industry. Further MF/RO skids for the coal seam gas industry.

Commissioning of Australia's first microturbine power generation facility at Surbiton Park Sewage Treatment Plant in Victoria producing renewable energy from the biogas from the sludge digester.

2011 Successful delivery of several turnkey projects including all aspects of process design and proving, mechanical, electrical controls and civil construction for projects in industries serving municipal water and wastewater treatment and coal seam gas membrane filtration facilities.

Wastewater Technologies

Aquatec-Maxcon provides leading technologies across the entire wastewater flowsheet. The following is indicative of the extensive range of processes and equipment available.

Municipal Wastewater Treatment Processes

Activated Sludge Biological Nutrient Reduction

Activated sludge plants can now deliver biological nutrient reduction to very low level. Aquatec-Maxcon has delivered plants that deliver Total Nitrogen < 3 mg/L and TP < 1.0 mg/L. Where even more stringent requirements need to be met, chemical trimming and filtration can deliver further improved results. Our advanced control systems offer optimised operating costs.

Membrane Bioreactor

AM's Kubota membrane bioreactors offer robust nutrient reduction with microfiltration modules located directly within the biological process enabling very compact plant footprint. They exhibit low

headloss enabling simple gravity and elimination of permeate pumping. The technology has been recognised with Excellence Awards and there are now approximately 30 MBR plants in operation in Australasia. The microfiltration also reduces or eliminates the requirement for downstream disinfection.

Nereda® Aerobic Granular Sludge

Aqautec-Maxcon pioneered the introduction of aerobic granular sludge processes to Australasia in 2008. They have proven extremely compact and stable. Nereda® aerobic granular sludge technology offers dramatic reductions in plant footprint resulting in plants having as little as 25% of the footprint of to conventional activated sludge processes. Aerobic granular sludge offers dramatically improved settleability and increased biomass concentration with improved dewaterability. Reduction in energy consumption of (25-35)% also results while retaining excellent biological nutrient reduction and extremely stable automated operation.

IDEA & SBR

Intermittent processes offer the advantage of complete treatment in a single reaction vessel. By sequentially altering the conditions within the bioreactors, high levels of biological nutrient reduction can be achieved, often at lower capital and operating cost than conventional plants where the biological material is passed through a number of tanks or zones operating at different conditions.

Anaerobic Sludge Digestion

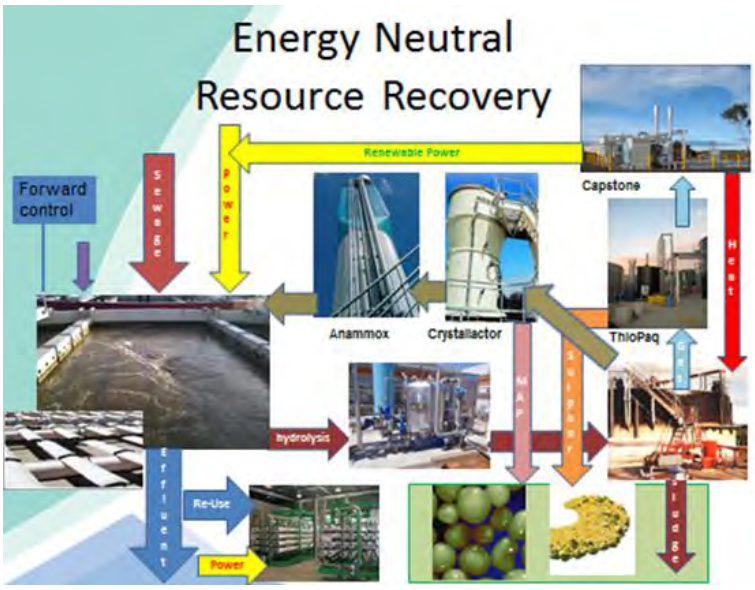
Anaerobic digestion of biological sludges delivers substantial benefits through production of biogas and potential renewable energy, pathogen reduction, odour reduction and improved stability offer increased disposal opportunities, reduced mass of solids for disposal and improved dewaterability which further reduces the mass of biosolids to be transported. Aquatec-Maxcon is able to provide all necessary digestion tankage, gasholder covers, heating systems, mixing systems and co-generation equipment.

Digester gasholder installation

Biogas co-generation plant

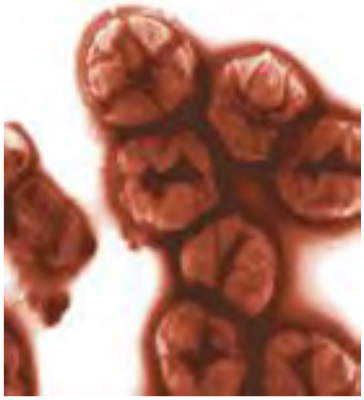
Nutrient Recovery

Wastewater is increasingly viewed as a valuable resource and treatment plants provide an important opportunity to tap this resource before t is dissipated into the environment. Phosphorus in particular will be of increasing importance in food production and may be recovered as MAP, slow release fertiliser rich in nitrogen and phosphorus, directly from digester supernatant using Crystallactor technology. Sulphur, another critical component of fertilsers may be recovered directly from biogas in elemental form using Thiopaq.



Annamox – Energy Efficient Nitrogen Removal

Anammox bacteria utilise the nitrite pathway to more efficiently enable the removal of nitrogen from concentrated streams such as digester supernatant. This results in power savings of approximately 75% and also requires dramatically less carbon when compared with conventional nitrification / denitrification processes, making achievement of low nitrogen stream substantially more economic.



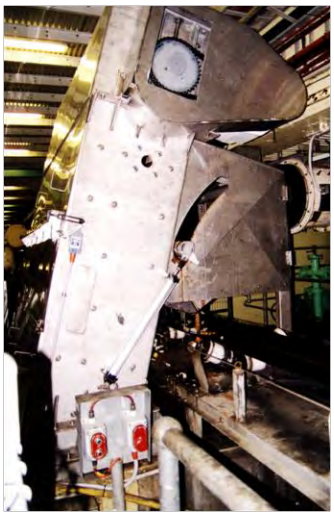
Anammox bacteria

Anammox reactor

Other Wastewater Technologies

Inlet screens

A wide range of coarse and fine inlet screens to suit all applications including climber, chain type, semi rotary, step screen and drum screens.



Grit removal & washing

Vortex, aerated and constant velocity grit channels together with grit separating and washing.

Primary clarifier

Centre and peripheral drive mechanisms for tanks to 50m diameter, travelling bridge or chain & flight scrapers to suit rectangular clarifiers.

Surface Aerators

Aquastar surface aerators for fixed or floating installations offer industry leading transfer efficiency.



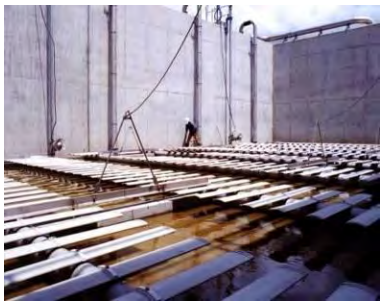
Blowers

STE high speed turbo compressors offer unequalled efficiency while dual point control delivers turn-down to 40% at near constant efficiency.



Diffused Air Aeration

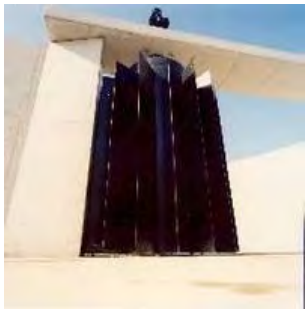
A wide range of diffusers.



Oxidation Ditches

Our AquaSal surface aerators provide high efficiency aeration and mixing in straight or circular basins.

Diffused air options are also available with submersible mixers or Landox flow boosters offering the lowest energy aeration systems.



Decanters

Double sided vertical travel, rotary and gas locked siphon decanters.

Secondary Clarifiers

Single, double or triple bidge scraper and syphon type sludge removal systems for tanks to 50m diameter.



Disc Filters

Low head disc filters of fully stainless steel construction with Title 22 Approval.



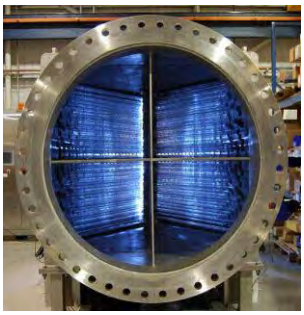
Membrane Bioreactors

Kubota MBRs are the world leaders in robust membranes that directly deliver microfiltered water and have achieved Class A+ recycled water.



Ultraviolet Disinfection

Trojan Technologies is the world leader in UV disinfection offering high efficiency low pressure lamp technology with integrated automated chemical cleaning systems in open channel and closed vessel reactors.

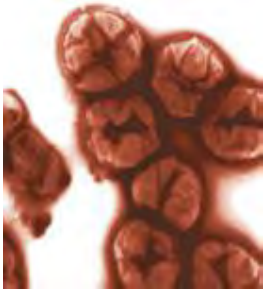
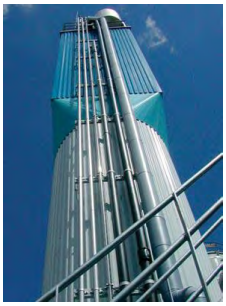




Struvite Precipitators

Australia's first struvite precipitator recovers nutrients from sewage as granular slow release fertilizer.


Anammox Nitrogen Removal

Paques Annamox process allows removal of nitrogen using dramatically less carbon and energy, offering the potential of carbon neutral or even carbon positive wastewater treatment.


Scum Harvester

Scum harvesting from bioreactors via belt scum harvesters is simple and robust.

Sludge Thickeners

Gravity sludge thickeners offer simple pretreatment of sludges. Covers are available for effective odour control.

Dissolved Air Flotation (DAF)

Circular or rectangular DAF systems offer simple, reliable solids separation and thickening of up to (5-7) % DS.

Sludge Hydrolysis

Sludge hydrolysis offers improved digestibility resulting in increased gas production, reduced solids production and improved dewaterability.



Sludge Digesters & Gasholders

Fixed and floating gas holders are available for digester gas storage together with all gas control systems enabling use of biogas in addition to waste gas flares for safe disposal of excess gas.


Digester Heating & Mixing

Digester performance is optimized through effective mechanical or gas mixing of contents with incoming feed and maintenance of digester at optimum working temperature throughout the year.



Bioenergy Systems

Capstone microturbine generators offer very low emissions and unequalled 8,000 hour service intervals while operating on lubricant free air bearings. Biogas is able to be used as a source of renewable energy after removal of excess levels of impurities such as sulphides and siloxanes via Adicomp preparation systems.



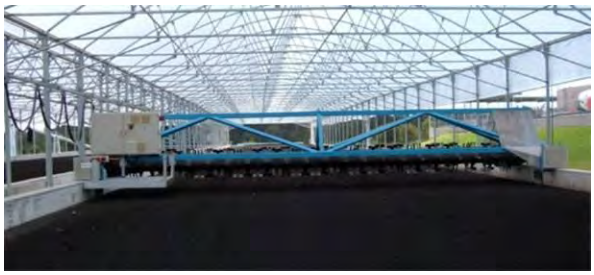
Sludge Dewatering

Gravity sludge drainage decks, rotary screen thickeners, belt presses and centrifuges are offered to optimize dewatering outcomes.




Solar sludge drying

Solar sludge drying systems offer drying of sludges to any desired dry solids level using solar energy. The automated system uses a sludge turner to transport, stockpile and discharge dried sludge.

Sludge Storage

Sludge silos are utilized to store sludge and provide speedy transfer to trucks for cost effective disposal.



Packaged Sewage Treatment Plants

Aquatec Group of companies have delivered over 1,000 packaged plants for smaller populations. Extended aeration, hybrid biological nutrient reduction and membrane bioreactor technologies are selected to deliver the appropriate product quality water.




Potable Water Technologies

Packaged Water Treatment Plants

Prefabricated conventional, DAFF and direct filtration plants are available in standard prefabricated modular sizes for cost effectiveness.



Chemical Dosing Systems

Accurate and reliable dosing of a wide range of different chemicals is one of the more challenging aspects of water treatment, requiring extensive knowledge of the properties of the chemicals to ensure safe, reliable dosing systems. Chemicals include lime, PAC, alum salts, ferric salts, liquid and powder polyelectrolytes, chlorine, ammonia, hypochlorite, various acids, caustic soda, surfactants and many more. All have been undertaken for major water treatment plants and pipelines including the SE QLD water grid and Adelaide desalination.



Clarification

A wide range of conventional, solids recirculation, sludge blanket, tube settler and lamellar clarifiers to suit differing water qualities and site constraints. In addition to circular sludge scraper mechanisms, travelling bridge or chain and flight systems are available to suit rectangular tanks.



Filtration

A range of mono, dual and multimedia filters with combined or separate air scour through our proprietary filter nozzles and underdrain systems are offered to suit differing water qualities.



Direct Filtration

Low turbidity waters may be filtered directly without extensive pretreatment to deliver the simplest and most cost effective solution with multimedia or continuously backwashed filters.



DAFF

Where flocculated material is difficult to settle, it may be best removed through the dissolved air floatation process, which can be integrated into the filter structure. This DAFF technology results in a process capable of responding well to changing conditions; and is particularly suited to treatment of algae bearing water sources.



Microfiltration/Ultrafiltration

Through co-operation with international partners, Aquatec-Maxcon is able to offer a range of microfiltration and ultrafiltration membrane solutions, optimized to a range of applications for removal of turbidity, large colloidal particles, micro-organisms and high MW organic matter.



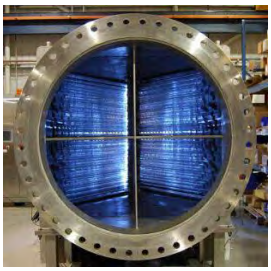
Reverse Osmosis

Containerised and skid mounted RO systems have been developed for potable water treatment, wastewater re-use, industrial, food & beverage, coal seam gas water desalination and a wide range of other applications throughout Australia.



UV Disinfection

Trojan UV Swift and UV Torrent systems use advanced enclosed reactor low pressure, high output lamp technology. The patented solo lamp technology results in dramatically reduced lamp counts for simplified maintenance while retaining excellent efficiency and wide turn-down capability.



Ozonation

Ozonia, the world leader in corona discharge ozone generation offer the most efficient generation systems based on patented ceramic steel elements which are substantially more robust than alternate technologies. They are available as both packaged units and major custom designed systems to suit specific applications.

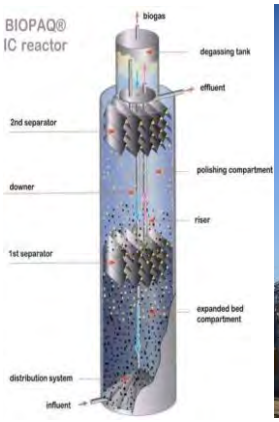
Advanced Oxidation

Trojan UV PHoX is the world leader in advanced oxidation and was selected for all Western Corridor treatment facilities, the largest in Australia.

Industrial Water Treatment Technologies

Upflow Anaerobic Sludge Blanket (UASB)

Paques UASB systems are the world's leading technology using granular biomass for the treatment of high COD waste streams which frequently emanate from food, beverage and similar factories. Paques Internal Circulating UASB technology enables even greater volumetric loading rates and improved process stability enabling the minimum possible footprint. These plants have low energy requirements and deliver substantial volumes of renewable biogas for plant boilers or co-generation facilities.



Circox

Paques Circox process utilises unique aerobic granular biomass for treatment of industrial waste including polishing UASB effluent streams. The plants have the smallest possible footprint, offer excellent process stability and deliver very low COD product for further treatment or possible re-use.

Thiopaq

Paques world leading Thiopaq technology enables the biological treatment of streams containing hydrogen sulphide to produce elemental sulphur. Applications can include cleaning biogas streams and flue gas desulpurisation.

Project Management & Construction


Although most D&C projects undertaken by the group have typically been less than $20m, Aquatec-Maxcon has been the Principal constructor for a programme of projects which totalled approximately $120m. Its staff and systems have been recognized for the excellent project outcomes achieved through State and National Project Management Awards.

Aquatec Group has internal resources to deliver all aspects of the delivery of water and wastewater treatment facilities including:

- Process design and performance guarantee
- Detailed design of all civil, mechanical, electrical and control components
- Manufacture of mechanical and electrical components including SCADA programming
- Civil construction
- Installation of mechanical and electrical systems
- Commissioning of mechanical and electrical equipment and controls
- Maintenance and service of all equipment to ensure optimal operating condition
- Plant operation and reporting

Having the internal capability ensures that our project managers are supported by staff knowledgeable in the intricate details of the work to be performed. Where additional resources are required to meet specific programme requirements, these may be subcontracted and project managed.



Relationship Contracting

Relationship Based D&C

By recognizing the fundamental drivers in traditional contracts and establishing processes to measure and monitor agreed outcomes, clients and contractors have been able to operate substantially more effectively. As an example, Brisbane Water engaged Aquatec-Maxcon to undertake the Nitrogen upgrades of bioreactors 1&2 at the 300,000ep Oxley Creek plant. The project involved extensive modifications to the structures, upgraded mixing and aeration systems and associated electrical controls. The project was completed ahead of time, under budget and achieved maximum KPI scores and bonus payments. As a result, bioreactors 3 & 4 were awarded on a similar basis with revised KPIs which were again exceeded.

The new aeration system resulted in substantial operational cost savings. The projects provided a powerful example of the power of relationship based contracting.

Oxley Creek bioreactor aeration system

Alliance Contracts

Aquatec-Maxcon has now been a partner in 6 Alliance projects and a sub-alliance partner in a further 2 giving us remarkable Alliance experience.

Maroochydore STP 2000/2001

Based on the excellent relationship, which had been maintained between our firm and Maroochy Water over many years and equipment supply to all Maroochy Water's major treatment facilities, we were selected as part of the Maroochy ExcelWater Alliance.

The project was delivered below the target cost and ahead of schedule. The effluent quality achieved of BOD < 5 mg/L, SS < 10 mg/L, TN < 4 mg/L + TP <1 mg/L which also exceeded the specified requirement.

The plant utilized a number of innovative technologies which enabled a reduction of the treatment cost/ML despite the higher quality standards being met. Adoption of our high efficiency AquaBlade aeration technology resulted in an efficiency gain at 40% over the ceramic technology previously used.

As a result of the innovation and broad ranging interdisciplinary co-operation and input, all initial objects were met or exceeded demonstrating the capability of the alliance team to deliver exceptional outputs.

Brisbane Water Enviro Alliance (BWEA) Sandgate, Oxley Creek & Wacol

Brisbane Water has selected Aquatec-Maxcon together with John Holland Construction, Montgomery Watson Harza and John Wilson & Partners to deliver the next generation of upgrades for Brisbane City's Wastewater Treatment Plants. The Alliance scope has been expanded a number of times to include a sludge hydrolysis plant, a further treatment plant at Wynnum and subsequently an associated UF/RO reclamation plant. Total project value is $250 million. The Alliance received substantial industry recognition with over a dozen major awards including National Project of the Year 2008.

Coffs Harbour Alliance

The major upgrade of the Woolgoolga Reclamation Plant (WRP) began in February 2004 to ensure a higher standard of water treatment and additional capacity to deal with extra sewerage flow from Mullaway and Arrawarra.

Coffs Harbour City Council undertook the project as an alliance contract between GHD, Abigroup and Aquatec-Maxcon. During the upgrade, Aquatec-Maxcon was responsible for the detailed design, supply, installation and commissioning of all the mechanical, process and electrical equipment.

This alliance completed a $23 million sewerage plant on time and below target price while meeting all critical benchmarks in safety and community relations. The success of the project was recognised through it being awarded the Earth Case Award, NSW for projects over $10 million.

Townsville Citiwater Alliance

The alliance with Townsville Water was for work on major sewage treatment plants, Horseshoe Bay and Cleveland Bay – the largest membrane bioreactor in the Southern hemisphere. The Alliance was expanded to include a number of pipelines, both on Magnetic Island and the mainland, improve electrical supply etc. and ultimately covered more than 25 locations under the programme of work.

Cleveland Bay MBR

Maroochy Alliance

The second Maroochy Alliance was for a further expansion of the Maroochy Sewerage Treatment Plant. Alliance partners on this project included Maroochy Water, Barclay Mowlem and CH2M Hill. Aquatec-Maxcon has a long history of providing services to Maroochy Water through its previous alliance and traditional delivery of mechanical equipment and delivered a capacity upgrade to 100,000 ep while also improved the product water quality to TN< 3 mg/L with TP < 0.5mg/L, bringing this plant to world leading performance. It also included a number of innovations including solar sludge drying.

Coffs Infrastructure Alliance

This Alliance with our partners from the first Coffs Harbour Alliance and John Holland was for the delivery of the major regional water reclamation plant at Coffs Harbour and a 45ML/d advanced potable water treatment plant at Karangi Dam. The projects were constructed on time and below the projected out-turn costs.

Coffs Harbour WRP

Karangi Dam WTP

Brisbane Caboolture Aquifuture Alliance

Aquatec-Maxcon was the Principal Constructor for the delivery of the $93 million project to deliver 6 groundwater treatment plants, associated 40km of reticulation and storages as part of the South East Queensland drought strategy. The Caboolture plant not only delivered increased water to the network, but also substantially improved the quality of water delivered to consumers through application of advanced ozone BAC technology. The considerable success of this team was recognized by the clients who increased the scope of the Alliance to include additional pump stations, chloramination facilities and an additional water treatment plant, pump station and storage at Enoggera, taking the ultimate value of the projects to over $120 million.

Banksia Beach WTP

Runcorn WTP

Financial Information

Aquatec Group adopts a conservative financial strategy. It has a substantial asset base and zero debt.

Year	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11
Revenue $m	32.3	45.6	39.8	78.2	133.3	102.5	69.2	72.8
Nett Assets $m	10.6	13.2	14.6	19.8	35.4	41.0	44.5	44.9

Insurances

Insurance	Policy Number	Limit of Liability	Insurer
Contract Works	01D 1520720	$10m	CGU Insurance Ltd
Contractors Plant & Equipment	SYLS04090861	$20m	Wesfarmers Gen Ins Ltd t/as Lumley Ins through CEMAC Pty Ltd
Industrial Special Risks	01R 4123581	$30m	CGU Insurance Ltd
Marine Cargo	40A 0245010	$1.5m (Max Liability) $250K (Max Liability within Australia)	CGU Insurance Ltd
Mobile Machinery	17U 0069275	Varies	CGU Insurance Ltd
Motor Vehicle	24F 0915305	$20m	CGU Insurance Ltd
Professional Indemnity	PL-BN-SPC-10-502050	$10m	Liberty International Underwriters
Public Liability	LCB 010291904	$10m; $20m; $30m; $40m; $50m	Vero Insurance Ltd
Travel	93110337	Varies	Chubb Insurance Company of Australia Ltd
Workers Compensation	Varies for each state	As per legislative requirements	Varies for each state

Safety, Quality and Environment Performance

Aquatec Group operates a Management System into which its Safety, Quality and Environmental objectives are fully integrated. It is committed to safe outcomes for its staff, subcontractors, customers and the community. It is accredited to ISO 9001:2008; AS/NZS 4801:2001; BS OHSAS 18001:2007; and ISO 14001:2004.

Aquatec Group has a 3 year rolling average LTIFR of 0/million manhours and is focused on continually improving performance. It has achieved a LTIFR of zero for the 2009/2010/2011 years.

Aquatec Group is committed to delivering excellence in environmental outcomes and has a fulltime Environmental Officer to assist in the delivery of its projects and programmes.

It has recorded zero reportable environmental incidents.

Green Credentials

Aquatec Group is focused on delivering long term viability and aims to be in business in 100 years time which we see as our sustainability benchmark. Initiatives it has undertaken in its own facilities include:

- Water roof harvesting approximately 500kL storage to minimize town supply reliance
- Paper recycled
- Plastics and metals separated and recycled
- Worm farm
- Natural lighting to offices and factories maximised
- Solar power programme initiated
- CO_2 emissions well below reporting levels

In our projects, we offer equipment having the lowest available environmental footprint. Examples include:

- Solar sludge drier to naturally dry and reduce pathogens in sludge:

- Increased biogas generation and sludge destruction using sludge hydrolysis:

- Renewable energy generation from biogas using microturbines:

- Co-generation and tri-generation facilities deliver unequalled energy efficiency:

- Struvite precipitators recover valuable fertilizer from sewage:

- AquaBlade aeration diffusers offer unequalled oxygen transfer:

AQUATEC-MAXCON

We treat water properly

HEAD OFFICE – Ipswich, QLD

Melbourne, VIC

Brendale, QLD

Adelaide. SA

Townsville. QLD

Rayong Province, Thailand

Sydney, NSW

Parung Bogor, Indonesia