



Parkway
Process Solutions

A leading provider of innovative water treatment
PRODUCTS | SERVICES | SOLUTIONS | TECHNOLOGY



PARKWAY PROCESS SOLUTIONS (PPS)

Corporate Profile

VERSION

2.03

pwnps.com

At Parkway, we believe in sustainability.

We leverage our comprehensive capabilities in

Industrial Water Treatment

to assist our clients achieve improved operational and financial performance, whilst also improving sustainability outcomes.

Panoramic view over Katherine river and Katherine Gorge
in Nitmiluk National Park, Northern Territory of Australia.

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Interactive Brochure

This brochure incorporates interactive materials. By clicking on *Learn More*, and other hyperlinks, the reader will be connected to the relevant section of the PPS website.

The latest electronic version of this brochure is available at:
www.pwnps.com/collections/corporate-profile-pps

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About Us

At Parkway, we are passionate about water and sustainability. We understand the challenges associated with the safe, reliable, and efficient extraction, treatment, storage, use and recycling of water and wastewater. We see these challenges through the lens of opportunity – the opportunity to achieve more efficient and sustainable operations.

We are realising our vision, by building Parkway into a **leading industrial water treatment company**.

We partner with our clients to deliver innovative process solutions, including water treatment solutions, based on established product and service platforms, as well as next generation technologies, to ensure we deliver optimal solutions, to meet project specific requirements.

Our integrated product and service offering spans the entire water treatment lifecycle, from the early project evaluation and concept phases, through to project execution and commissioning.

[LEARN MORE](#)

OUR OFFERING

We provide a leading range of innovative water treatment related:

- Products
- Services
- Solutions
- Technology

OUR PEOPLE

Our people are our greatest asset, so we hire the best, including:

- Engineers
- Process experts
- Technicians
- Tradespeople

OUR VALUES

In all our interactions with stakeholders, we reflect our core values, including:

- Innovation & results
- Customer focus
- Reliability & trustworthiness
- Integrity

GROUP STRUCTURE

Parkway Process Solutions (PPS) is an operating division of Parkway Corporate Limited, an ASX listed public company focused on commercialising innovations in the industrial water treatment sector, globally.



Parkway Corporate Limited (ABN: 62 147 346 334)

The Parkway group parent company, is listed on the Australian Securities Exchange (ASX:PWN).



Parkway Process Technologies Pty Ltd (ABN: 78 160 290 184)

PPT owns a portfolio of proprietary process technologies, including the aMES® and iBC® technologies, suitable for industrial water treatment.



Parkway Process Solutions Pty Ltd (ABN: 45 163 469 761)

PPS is the primary operating division of the group, focused on delivering industrial water treatment products, services and solutions.



Mawpump Pty Ltd (ABN: 94 076 724 699)

Mawpump is an established pump & fluid transfer business acquired in September 2021, and integrated into the Northern Territory (NT) operations of PPS.



Multi-Wet trading as PPS-Perth (ABN: 45 163 469 761)

The Multi-Wet water treatment business was acquired in March 2021, and integrated into the Western Australia (WA) operations of PPS.

All corporate entities in the Parkway group are wholly-owned subsidiaries of the ultimate parent company, Parkway Corporate Limited.

[LEARN MORE](#)



OUR STRATEGIC PARTNERS

In order to achieve optimal client outcomes, we collaborate with our established network of strategic partners, which includes world-class engineering and research & development partners.



In May 2020, Parkway entered into a Global Strategic Cooperation Agreement with Worley to commercialise our portfolio of innovative process technologies. Worley is a leading global engineering company with over 48,000 of the world's brightest minds in energy, chemicals and resources, all working to deliver a more sustainable world.



Parkway has been successfully collaborating with Victoria University since 2015, on a range of water treatment technology development, piloting and commercialisation related activities. Victoria University is a leading Australian university with a strong track-record in applied water treatment related research & development, including world-class researchers and facilities.

KEY MEMBERSHIPS

Parkway believes in the importance of strong industry alignment and collaboration, and participates as a corporate member of several leading industry organisations including:



ARC RESEARCH HUB
ENERGY-EFFICIENT SEPARATION



Australian Government
Australian Research Council

ESG COMMITMENTS & ISO CERTIFICATION

The Parkway group is committed to achieving optimal environmental, social & governance (ESG) outcomes, including achieving and maintaining high levels of corporate governance compliance.

As part of our commitment to industry best practices, as well as our commitment to continuous improvement, the Parkway group is in the process of implementing and achieving certification for:

- ISO9001:2015, Quality Management System
- ISO14001:2015, Environmental Management System
- ISO45001:2018, Occupational Health & Safety Management System

For additional information about our Strategic Partners, Memberships, ESG commitments and ISO certification:

[LEARN MORE](#)

Products

We provide a leading range of premium water treatment products, from the most sensitive analytical instruments required at the beginning of the water treatment process, all the way through to fully automated state-of-the-art integrated water treatment systems, and everything in between. We can also supply and install the most popular products from leading global brands including pumps, tanks and valves.

“We stock thousands of industrial-grade water treatment products, and with a large supplier network, we are well placed to support all your water treatment related product needs”

OUR PRODUCT RANGE

We stock a large range of premium products, including:

- Analytical Instruments
- Laboratory equipment
- Laboratory consumables
- Water treatment systems
- Pump range
- Instrumentation & controls
- Pipe, hose & fittings
- Valves & solenoids
- Filters & membranes
- Tank range
- Water treatment chemicals
- Disinfection products

PREMIUM SUPPLIER

We source the highest quality water treatment products from leading global suppliers. In addition to premium distributor status for many popular brands, we are also the exclusive Australian distributor for several premium brands.

WE ARE AN AUSTRALIAN STOCKIST OF LEADING GLOBAL WATER TREATMENT PRODUCT BRANDS INCLUDING



Atlas Copco



GRUNDFOS



+GF+



HACH



MANN + HUMMEL



Polymaster

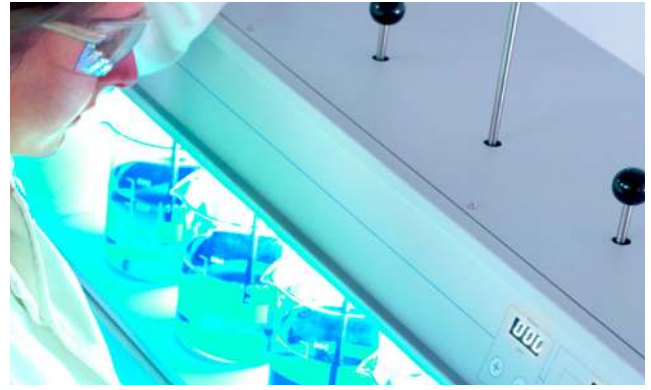
Additional information regarding our range of products is outlined in the Generalised Water Treatment Lifecycle chart:

[LEARN MORE](#)

Services

Our integrated services offering spans the entire water treatment lifecycle, from the early project evaluation and concept phases, through to project execution and plant commissioning phases, including:

- Analytical Testing Services
- Project Evaluation Services
- Process Development Services
- Project Engineering Services
- Installation & Project Management
- Operations & Maintenance Services



Additional information regarding our industrial water treatment services:

[LEARN MORE](#)

Integrated Solutions

At Parkway, we have the capacity to manage projects from the very beginning, the problem evaluation phases, through to the concept development, process and project engineering, and ultimately project delivery phases. In addition to providing stand-alone water treatment related products and services, we also provide integrated solutions, where we assist our clients achieve more significant operational and strategic outcomes.

INDUSTRY-BASED SOLUTIONS

Our experienced team of process engineers and technicians bring extensive process expertise to designing and delivering state-of-the-art water treatment solutions for industry. Our range of industry based water treatment solutions include applications for the following industries (amongst others):

- Agriculture
- Manufacturing & industrial
- Mining, municipal & utilities
- Oil & gas
- Pharma, food & beverage

PRODUCT-BASED SOLUTIONS

We leverage our engineering expertise and partnerships with suppliers of leading water treatment products, to deliver reliable and efficient product-based water treatment solutions. Our range of product based water treatment solutions include:

- Chemical dosing systems
- Water clarification systems
- Media filtration systems
- Membrane filtration systems
- Reverse osmosis systems
- Disinfection systems
- Pumping systems

Additional information regarding our range of integrated water treatment solutions:

[LEARN MORE](#)

Next-Generation Technologies

In addition to adopting established (conventional) water treatment technologies, in order to address the toughest wastewater challenges, Parkway is commercialising a portfolio of next-generation technologies. Our portfolio of next-generation water treatment technologies include, the patented aMES® and iBC® process technologies.

Additional information regarding our portfolio of proprietary process technologies, including applications in industrial water treatment:

[LEARN MORE](#)

We provide integrated & value-added offerings, across

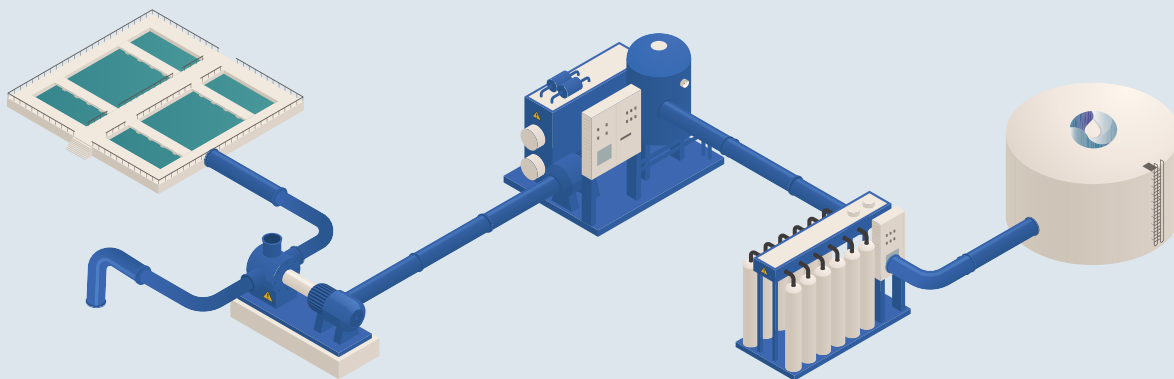
Products

- Analytical Instruments
- Portable Instruments
- Portable Laboratory Kits
- Laboratory Equipment
- Ultrapure Water Systems
- Submersible Pumps
- Fluid Transfer Pumps
- High Pressure Pumps
- Layflat Hose
- Integrated Control Systems
- Pipe, Hose & Fittings
- Solenoid Valves
- Filters & Membranes
- Tank Range
- Process Water Tanks

Services

- Analytical Testing
- Investigative Studies
- Treatability Studies
- Project Evaluation
- Project Engineering
- Project Development

Water Treatment



Feed Water

Common sources include:

- Bore water
- Rivers & lakes
- Seawater

Water Transfer

Pumping and transfer of feed water to key water treatment stages

Pre-Treatment

Incorporates chemical dosing, clarification and filtration

Process Water Production

Filtration processes to recover pure process water

Process Water Storage

Process water is stored in a water tank for industrial use

Solutions

- Water Intake Systems
- Pre-Treatment Systems
- Filtration WTP Systems
- Membrane Filtration Systems based on MF/UF/NF/RO
- Water Storage Facilities

Technology & Innovation

- Range of leading technologies and innovative process technologies, including the patented **iBC®** (integrated Brine Causticisation) pre-treatment and impurity removal technology.

Industrial C

Key Market Segments

- Agricultural
- Manufacturing
- Municipal & utility
- Mining & minerals
- Conventional energy
- Pharma, food & beverage

Process Improvement

- Significant experience in reviewing projects and identifying opportunities for:
 - Improve intake, recycling, and reuse
 - Reduce water consumption and production costs

Solutions

- The adoption of advanced process technologies like Parkway, also presents an opportunity to improve **product quality**

Cross the entire water treatment lifecycle

Operations

ements

& industrial

ilities

al processing

energy (oil & gas)

& beverage

- Foot Valves
- Check Valves
- Valves & Solenoids
- Suction Hoses
- Mine Dewatering Pumps

- Instrumentation & Controls
- Chemical Tanks
- Self-Bunded Tanks
- Chemical Dosing Pumps
- Water Treatment Chemicals

- Bag Filters
- Cartridge Filters
- Disinfection Chemicals
- Disinfection Products
- UV Disinfection

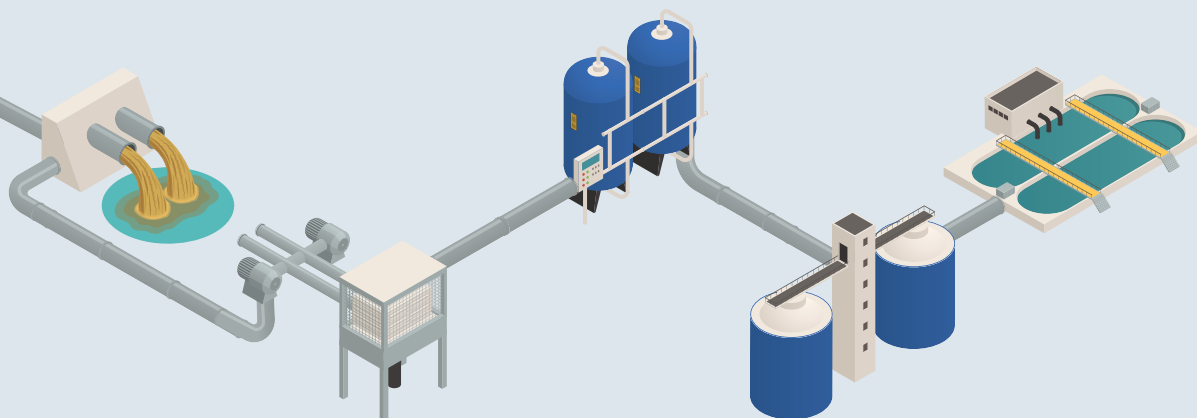
- Process Development
- Process Piloting

- Feasibility Studies
- Project Management

- Operation & Maintenance
- Debottlenecking Studies



Wastewater Treatment



Wastewater Production

Untreated wastewater production and storage

Wastewater Transfer

Pumping and transfer of wastewater to key treatment stages

Chemical Dosing

Reagents added to assist with clarification & disinfection

Clarification

Removal of biologicals, solids & colour
May involve filtration stages

Treated Water

Recycled by using as feed water, or discharged to sewer or environment

- Motor Pump Set Systems
- Tailings Dewatering Systems

- Media Filtration Systems
- Clarification Systems

- Chemical Dosing Systems
- Disinfection Systems

- Range leading innovative process technologies, including the patented **aMES**[®] (activated Mineral Extraction System) concentrated brine and wastewater processing technology.

Additional information:

[LEARN MORE](#)

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opportunities to:

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and

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Project References

Our innovative range of water treatment related products, services and solutions, are trusted by many leading organisations operating in the energy, mining & industrial sectors, as well as government, across Australia.



As a long-term solution provider, we are committed to building enduring relationships. Beyond typical project delivery, we also provide a range of services across the project lifecycle, to ensure our clients achieve operational excellence.

PROJECT REFERENCE

GEMCO Groote Eylandt – TSF 16 Pump Pontoon System



CLIENT

Groote Eylandt Mining Company (GEMCO), is 60% owned by South32 (formerly part of BHP Group), with the remaining interest owned by Anglo American.

BACKGROUND

GEMCO is an open-cut mining operation, producing high-grade manganese ore that is shipped to customers around the world. GEMCO is recognised as the largest and lowest-cost manganese ore producer in the world. Mawpump (now part of the Parkway group), has been successfully supplying GEMCO with fluid transfer related solutions for almost 30 years.

PROJECT SCOPE

- The project scope included the design, engineering, manufacturing, supply and installation of a pontoon mounted series of pump sets, as well as floating walkway and gangway.
- The pontoon was designed to carry a 12 tonne live load and to connect to a gangway and corresponding walkway, in order to provide access to pump sets and associated equipment.
- All equipment including the pontoon was pre-commissioned in Darwin, prior to delivery and installation at the project site.
- This project was delivered by Mawpump, a wholly owned subsidiary of Parkway Process Solutions.

INDICATIVE BUDGET

\$1.58 million (project completed in September 2018).

Additional Project References

In addition to the project reference outlined above, Parkway has delivered several significant projects for GEMCO. Additional information about these projects, and other Project References are available upon request.

PROJECT REFERENCE
GEMCO Groote Eylandt – TSF 20

GEMCO is an open-cut mining operation producing high-grade manganese ore that is shipped to customers around the world. It is currently the largest and lowest-cost manganese ore producer in the world. Mawpump (now part of the Parkway group) has been successfully supplying GEMCO with fluid transfer related solutions for almost 30 years.

CLIENT
Groote Eylandt Mining Company (GEMCO), is 60% owned by South32, with the remaining interest owned by Anglo American.

PROJECT
Additional installation of equipment including pumps connected with TSF 20, at the Groote Eylandt open cut manganese mine.

LOCATION
GEMCO is located on an island in the Gulf of Carpentaria on the coast of the Northern Territory of Australia.

PROJECT SCOPE
The project scope included the design, engineering, manufacturing, supply and installation of a pontoon mounted series of pumps and associated walkway and gangway. The pumps are designed to carry a 12 tonne live load and to connect to a gangway and corresponding walkway. All equipment including the pontoon was pre-commissioned in Darwin prior to delivery and installation at the project site. The project was delivered by Mawpump, a wholly owned subsidiary of Parkway Process Solutions.

PROJECT DATE
Project completed in September 2018.

INDICATIVE BUDGET
\$0.5 million.

ADDITIONAL INFORMATION
For more information contact Parkway Process Solutions to discuss this project and how we may be able to assist you.

PROJECT REFERENCE
GEMCO Groote Eylandt – TSF 16

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CLIENT
Groote Eylandt Mining Company (GEMCO), is 60% owned by South32, with the remaining interest owned by Anglo American.

PROJECT
Pre-commission, testing, installation and supply of equipment with TSF 16, at the Groote Eylandt open cut manganese mine.

LOCATION
GEMCO is located on an island in the Gulf of Carpentaria on the coast of the Northern Territory of Australia.

PROJECT SCOPE
The project scope included the design, engineering, manufacturing, supply and installation of a pontoon mounted series of pumps and associated walkway and gangway. The pumps are designed to carry a 12 tonne live load and to connect to a gangway and corresponding walkway, in order to provide access to pump sets and associated equipment. All equipment including the pontoon was pre-commissioned in Darwin prior to delivery and installation at the project site. The project was delivered by Mawpump, a wholly owned subsidiary of Parkway Process Solutions.

PROJECT DATE
Project completed in September 2018.

INDICATIVE BUDGET
\$1.58 million.

ADDITIONAL INFORMATION
For more information contact Parkway Process Solutions to discuss this project and how we may be able to assist you.

PROJECT REFERENCE
Paspaley Pearls – Darwin Operations

As part of an open cut mining operation, Paspaley Pearls produces pearls. The project scope included the design, engineering, manufacturing, supply and installation of a pontoon mounted series of pumps and associated walkway and gangway. The pumps are designed to carry a 12 tonne live load and to connect to a gangway and corresponding walkway, in order to provide access to pump sets and associated equipment. All equipment including the pontoon was pre-commissioned in Darwin prior to delivery and installation at the project site. The project was delivered by Mawpump, a wholly owned subsidiary of Parkway Process Solutions.

CLIENT
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PROJECT
Pre-commission, testing, installation and supply of equipment with TSF 16, at the Groote Eylandt open cut manganese mine.

LOCATION
GEMCO is located on an island in the Gulf of Carpentaria on the coast of the Northern Territory of Australia.

PROJECT SCOPE
The project scope included the design, engineering, manufacturing, supply and installation of a pontoon mounted series of pumps and associated walkway and gangway. The pumps are designed to carry a 12 tonne live load and to connect to a gangway and corresponding walkway, in order to provide access to pump sets and associated equipment. All equipment including the pontoon was pre-commissioned in Darwin prior to delivery and installation at the project site. The project was delivered by Mawpump, a wholly owned subsidiary of Parkway Process Solutions.

PROJECT DATE
Project completed in September 2018.

INDICATIVE BUDGET
\$0.5 million.

ADDITIONAL INFORMATION
For more information contact Parkway Process Solutions to discuss this project and how we may be able to assist you.

PROJECT REFERENCE
Tasmanian Seabirds – Hatchery Ponds

Tasmanian Seabirds are a world-renowned hatchery for seabirds. The project scope included the design, engineering, manufacturing, supply and installation of a pontoon mounted series of pumps and associated walkway and gangway. The pumps are designed to carry a 12 tonne live load and to connect to a gangway and corresponding walkway, in order to provide access to pump sets and associated equipment. All equipment including the pontoon was pre-commissioned in Darwin prior to delivery and installation at the project site. The project was delivered by Mawpump, a wholly owned subsidiary of Parkway Process Solutions.

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PROJECT
Pre-commission, testing, installation and supply of equipment with TSF 16, at the Groote Eylandt open cut manganese mine.

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PROJECT DATE
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INDICATIVE BUDGET
\$0.5 million.

ADDITIONAL INFORMATION
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Parkway

Process Solutions

A leading provider of innovative water treatment

PRODUCTS | SERVICES | SOLUTIONS | TECHNOLOGY

AUSTRALIAN LOCATIONS

At Parkway Process Solutions (PPS), we provide a range of leading water treatment related products and services across our Australian locations.

For professional assistance from an industrial water treatment expert, reach out to our friendly team to discuss how we can assist you with all your project requirements.



pwnps.com

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