



Capability Statement



DIVERSE CAPABILITIES, TAILORED SOLUTIONS, QUALITY RESULTS.



Auscon Construction Group is made up
of the following specialised construction
and maintenance providers.





AUSCON CONSTRUCTION GROUP IS A DIVERSIFIED CONSTRUCTION AND MAINTENANCE PROVIDER. OUR MEMBERS HAVE EARNED PROUD REPUTATIONS FOR DELIVERING TAILORED SOLUTIONS OF THE HIGHEST QUALITY. WE HAVE SUCCESSFULLY DELIVERED PROJECTS ACROSS AUSTRALIA, LEVERAGING OUR BROAD CAPABILITIES COUPLED WITH OUR WEALTH OF INDUSTRY KNOWLEDGE AND EXPERIENCE.

The success of our projects is achieved by leveraging our diverse capabilities coupled with our wealth of industry knowledge and experience. These capabilities are derived from our standalone divisions, which are each specialists in their respective fields. Our structure results in a balance where each division can focus on their area of expertise and deliver tailored solutions within their respective industries.

Building upon our history of successful project delivery and satisfied clients, we continue to grow Auscon's footprint and resources around the country. Our clients benefit from our increasing resources and industry experience as we continue to construct, install and maintain across industry sectors.

Auscon is a wholly owned Subsidiary of the WorkPac Group. We leverage WorkPac's capabilities as Australia's largest private provider of specialised labour, which is a substantial resource base that can be drawn on for project delivery.

Auscon is trusted by some of Australia's largest resource and utilities companies to build substantial infrastructure projects in metropolitan, regional and remote Australian locations.



LONGFIELD SERVICES IS AN EXPERIENCED
CONTRACTOR FOR CONSTRUCTION IN THE
COMMERCIAL, UTILITIES, RESOURCES AND
GOVERNMENT INDUSTRIES.

Longfield Services constructs a broad range of civil works as well as communications and power infrastructure. We continue to grow through professional application and quality work to ensure positive and predictable outcomes for our clients. Longfield Services and our strategic delivery partners are committed to achieving first-class outcomes for our clients through the proactive management of risk, a strong focus on health, safety and environmental management, and the deployment of our experienced and qualified workforce.

A specific project team is established for each project that Longfield Services undertakes, including an experienced project manager, civil and structural engineers, and skilled construction workers as required to successfully deliver the scope. We also have a large fleet of civil construction equipment supporting our delivery teams, including;

- Cranes
- Foundation Drilling Machine SR625
- Foundation Drilling Machine TR80
- Mobile Concrete Batching Plant
- Excavators
- Loaders
- Trucks
- Light Vehicles

As a result of our proven abilities, Longfield Services is working with some of Australia's largest resource and utilities companies and is trusted to build substantial infrastructure projects across the country. Our clients know that they can depend on us to deliver high quality work, achieve targets, and provide solutions in answer to their challenges. Longfield Services provides a tailored approach to each and every project by drawing upon our own resources and engaging with strategic partners to achieve these results.

DIVERSE CAPABILITIES

SPECIALISING IN

- Substation bulk earthworks and concrete foundations
- Pole foundations
- Latis Tower foundations

EARTHWORKS

- Clearing & Grubbing
- Topsoil Stripping
- Bulk Earthworks
- Infrastructure Road construction
- Site Preparation & compaction

CONCRETE

- Complex and high volume concrete works
- Tilt panel and in-situ concrete walls and columns
- Structural concrete
- Footings and slabs
- Pre cast concrete manufacturing
- Supply and installation of reinforcing steelwork
- Form work solutions
- Bored pier foundations



CONCRETE BATCHING FACILITIES

Available as a support to our clients and projects, Longfield Services provides a mobile concrete plant for on site concrete batching and delivery enabling us to provide an unhindered service where concrete supply is difficult and costly.

Our batch plant and fleet of agitators are capable of delivering high quality concrete mixes at a capacity of up to 55m³ per hour or 500 m³ per day. Along with the supply of concrete, Longfield's can provide a range of ancillary products to assist in concrete placement.

Our in house technical support functions monitor production of concrete mixes to ensure compliance with specifications and standards. Our products are sampled and tested by off site NATA accredited testing laboratories.



INNOTECH SITE SERVICES IS A TRUSTED PROVIDER OF PIPELINE, DEWATERING AND ASSOCIATED SITE SERVICES. WE PROVIDE CUSTOM FABRICATION, INSTALLATION AND PROJECT MANAGEMENT FOR PIPELINE SYSTEMS IN A BROAD RANGE OF MATERIALS.

Innotech Site Services provides pipeline solutions including supporting civil, structural, mechanical & electrical services.

- We specialise in the installation of welded and bolted HDPE pipelines for transport of water, slurry and other products for various services. Innotech can perform multiple complex installations at any one time, drawing upon the best equipment for the project from our large equipment pool.
- Additionally, we specialise in the installation of pump and storage tank infrastructure including pumps, switchboards, generators, tanks and headworks. Whether it be a submersible, pontoon or pump station, Innotech have the required equipment and personnel to install and commission the pump facilities.
- Our dam lining division specialises in the supply and installation of HDPE, LDPE & PP, and PVC geomembrane lining systems for multiple applications in all industries. We have experience laying liner for heap pads, dump leach pads, reservoirs, dams and various other containment projects. Our installations are fully supported with a comprehensive quality assurance program including on site tensiometer tests, wedge welding and temperature monitoring.

To assist with onsite installation works, we have an extensive range of equipment including the plant listed below. The equipment fully complies with mine specifications allowing seamless mobilisation.

- Bore 'Safe Haven' Cage
- Mobile Cranes
- Graders, Loaders and Side Tippers
- Fast Fusion McElroy Welding Machines
- Ritmo & Dixon Low Pressure Welding Machines
- Pipe Vacuum Lifters and Excavators

Innotech is a supplier of choice due to our adaptability to the needs of each client and project. Our extensive range of equipment allows us to employ the best machinery for each application, and enables us to respond quickly where emergency repairs are required.

PLASTICS / FABRICATION

Our fabrication engineers can custom fabricate items from a wide range of thermoplastics, including:

- High Density Polyethylene (HDPE)
- Polypropylene (PP)
- Polyvinylchloride (PVC)
- Ultra High Molecular Weight PE
- CPVC
- Polycarbonate
- Nylon





SITE FLEET SERVICES STATE OF THE ART FACILITIES ARE A ONE-STOP PROVIDER OF MAINTENANCE, REPAIR AND PARTS FOR MACHINERY FROM LIGHT AND HEAVY VEHICLES THROUGH TO LARGE MOBILE PLANT AT OUR VARIOUS WORKSHOPS.

WORKSHOP LOCATIONS

PERTH

KALGOORLIE

WARBURTON

NEWMAN

BROOME



The team at Site Fleet Services are able to work on all manner of equipment, no matter how large or small. This includes light vehicles, road transport vehicles, heavy off-road vehicles and mobile plant. Although our locations have been established for their proximity to remote resources and mining sites, we also provide services to construction contractors, local industry and residents.

We have a large team of OEM trained personnel along with every tool required to provide servicing, fault diagnostics, warranty recalls and repair. Our qualified trades personnel are also able to provide auto electrical, hydraulics and fabrication work, ensuring that we can do all work in-house. We also stock an extensive range of parts to ensure availability and improve turn-around times.

Our state of the art facilities enable us to manage equipment of all sizes and types from light vehicles through to large mobile plant. However, we are not limited to our own sites, Site Fleet Services field service division offers both short and long term mechanical labour hire solutions. Our field service division has technicians of different skill sets required for our clients workscopes including Heavy Duty Mobile Plant mechanics, Road Transport mechanics, Light Vehicle mechanics and Auto Electricians.

Site Fleet Services truly is a one-stop provider for mechanical engineering. By providing everything from mechanical maintenance through to fabrication and hydraulics our clients have all their needs catered for in one place. Our in-depth quality control processes give our clients confidence that the tasks being undertaken are being achieved to the highest of standards.

24 HOUR CALL OUT SERVICE IS ALSO AVAILABLE



**AUSCIVIL PROVIDES EARTHMOVING AND CIVIL
CONSTRUCTION SERVICES TO MRD, LOCAL SHIRES
AND VARIOUS OTHER CLIENTS THROUGHOUT THE
KIMBERLEY AND PILBARA REGIONS**



Auscon Construction Group recently acquired Broome Contracting, which was established in 1986 and provides earthmoving and civil construction services throughout remote and regional Western Australia. Renamed to Auscivil, this division now has the depth and flexibility to expand the services offered to clients to include OHS, HR, Estimating, Quality Controls, Project Management and advanced IT departments to offer unparalleled services in earthmoving, civil engineering and heavy machine operation. We pride ourselves on our detailed knowledge of the Kimberley and Pilbara soil types, topography and weather.

Auscivil utilises over 200 pieces of internally owned transport and earthmoving equipment that includes; graders, excavators, loaders, bulldozers, water trucks, side tippers, low loaders, tractors, screening plants, road trains, pipe welders, specialised drills and 6WD articulated dump/water trucks.

Our fleet is maintained by Site Fleet Services, a sister company, with workshop facilities in Broome, Newman, Perth, Warbuton and Kalgoorlie.

- Fully trained and competent Operators, Supervisors and Project Management;egislatively compliant Occupational Health and Safety and Environment Management Plans for OHS compliance
- A proactive commitment to Local and Indigenous engagement, training and mentoring
- Mobile workshop with spare parts to maintain plant and equipment ensuring minimum downtime
- Fully mobile camp including cook, air conditioned rooms, waste management systems
- Transport plant and equipment movements managed in-house
- Self-loading water trucks with bore pumps and generators for remote sources of water
- Satellite, UHF radio communications
- First aid trained staff and accredited trainer and assessors
- Compliance with all statutory requirements including camp-house and registered food catering licences

The combined Auscon Group of Companies have the capacity to deliver a wide variety of services from Earthmoving, Logistics, Civils, pipelines, lined dams and ponds, mechanical repairs supported by a Project Management Office.

OUR LEADERSHIP

TONY HACKETT

AUSCON CHIEF EXECUTIVE OFFICER

Tony joined the Board of Workpac in July 2019 as a non-executive director and was appointed Chief Executive Officer of Auscon Group in December 2019. Tony is a highly experienced construction executive with over 30 years in the resources and infrastructure sectors. Prior to Auscon he had executive roles in property development and construction and as a past president of the Queensland Major Contractors Association and board member of Infrastructure Queensland. Tony has previously held senior leadership roles with Golding, Leighton, BGC and FKG in addition to providing construction consultancy services to major EPC and PPP projects throughout Australia.

MATT RICHES

AUSCON CHIEF OPERATING OFFICER

Matt has over 15 years' experience across supervisory, operations and executive management roles within the Australian civil, construction and utility industry sectors. His skills and experience in strategic and operational planning and governance ensures the continued delivery of change to Auscon project implementations and execution of high performance outcomes and quality management.

Matt is a member of the Engineering & Construction Advisory Board of the WorkPac Group, a billion dollar Australian private company and parent entity of Auscon Construction Group.



TIM CURRIE

BUSINESS UNIT MANAGER – INNOTECH

Tim has over 10 years' experience working in construction and project management of civil and infrastructure works. As Business Unit Manager, he sponsors each project team, fully supporting successful delivery of each project. His career includes major project delivery in construction, fluid delivery & storage, earthworks, drainage, pump systems and HDPE pipework. Tim has delivered projects nationally, his most recent including Yandi YSP, FMG dewatering services and Roy Hill Process Water Dam upgrade.

GLEN AVERY

BUSINESS UNIT MANAGER – LONGFIELDS

Glen has more than 20 years' experience as a leader in the utilities and resources and construction sector in Western Australia. He is a licensed Electrician and has held the following roles Electrical Supervisor, Project Manager, Senior Estimator, Operations Manager and most recently General Manager. Glen has a wealth of experience within the industry from a trades perspective right up to overall operational management.



AL KRISTENSEN

BUSINESS UNIT MANAGER – SITE FLEET SERVICES

Al began his employment within the Royal Australian Navy and completed his trade during this employment. Al was posted to various platforms during his employment most notably the Anzac SPO. During this posting Al was responsible for the review of major configuration changes within the Anzac fleet and. After 7.5 years Al left the defence force to further his career and joined Seamech the Volvo Penta Centre for Queensland as the state technical support manager. During this period Al was responsible for the delivery and commissioning of high end pleasure craft for Riviera and Maritimo. In 2018 Al joined the Auscon group and has since taken on the Business Unit Managers role for Site Fleet Services.

IAN GILMOUR

BUSINESS UNIT MANAGER – AUSCIVIL

Ian joined Auscivil in July 2017, Ian has spent most of his career working in the agriculture, earthmoving and mining sectors as a business owner, mine manager, operations manager and project manager of various projects throughout WA and overseas.

CASE STUDY 1

ROY HILL CONNECTION PROJECT - CIVIL WORKS

CLIENT: ZINFRA AND HORIZON POWER
BUSINESS SECTOR: UTILITIES - SUBSTATION EXTENSION
LOCATION: SOUTH WEST CREEK, WEDGEFIELD

Works involved the provision of all civil construction for the extension of South West Creek Substation and the excavation, trenching and installation of a 6km HV cable route to the Roy Hill Mine Site

The project was undertaken within the live substation with specific challenges including cast in-situ fire walls and installation of 650 Dia piping under two operating rail lines. Other components included -

- Tx bunds
- Form and pour two firewalls
- Installation of capacitor banks
- Portable switch room foundations
- CB, CT and VT foundations
- NER foundations
- Disconnecter footings
- Oily water separator
- Horizontal directional drilling
- Thrust boring 650mm dia steel pipe under two live rail crossings
- Install two nos. 33kV UG feeder circuits 6km in length





CASE STUDY 2

STOCKYARD HILL WIND FARM PROJECT CIVIL WORKS

CLIENT: **GOLDWIND AUSTRALIA
(ZINFRA / AUSNET)**

BUSINESS SECTOR: **UTILITIES – RENEWABLE ENERGY**

LOCATION: **BALLARAT, VICTORIA**

Stockyard Hill Wind Farm is being developed by Goldwind Australia, consisting of 149 turbines with a total capacity of 530 MW with the potential to power up to 390,000 homes annually. When completed it will be the largest Wind Farm in the southern hemisphere.

Ausnet Services were contracted by Goldwind and the Australian Energy Market Operator to build, own and operate a transmission connection for the wind farm.

A new connection consisting of a 70km 132kV monopole transmission line is being developed to take the power from the wind farm south to a new substation, Haunted Gully Terminal Station, near Lismore. This shall then connect in to the 500kV network.

Longfield Services have been contracted through Zinfra as the Principal Contractor, to construct all monopole foundations (279 structures) for the transmission line and an additional 6 500kV transmission tower foundations. The foundations installed have all been bored pier foundations, up to 2.7m in diameter and 10m deep.

CASE STUDY 3

RIO TINTO IRON ORE - PIPELINE & WATER INFRASTRUCTURE WORKS

CLIENT: RIO TINTO IRON ORE
BUSINESS SECTOR: MINING AND RESOURCES
LOCATIONS: VARIOUS INCLUDING: YANDI, TOM PRICE, PARABURDOO, MESA J, BROCKMAN, HOPE DOWNS, TUREE CREEK AND WEST ANGELAS (WESTERN AUSTRALIA)

Innotech Site Service's work with RTIO has encompassed the supply and construction of both partial and complete dewatering systems; slurry and tailings transport and storage lines, including discharge points; purpose built tanks and pipelines including both potable and hazardous fluids; process area pipework and engineered structural steel components; general mine site support projects involving the villages, roadways and boom gates, power supply and control systems.





CASE STUDY 4

ROY HILL - MULTIPLE PACKAGES

CLIENT: ROY HILL IRON ORE
BUSINESS SECTOR: MINING AND RESOURCES
LOCATION: ROY HILL MINE
PILBARA, WESTERN AUSTRALIA

Innotech Site Services have worked with Roy Hill Operations on multiple project packages which include all aspects of dewatering infrastructure construction, water storage facilities, bore field fit out, pipework, telemetry, and other associated infrastructure.

Our completed and current works include: MSA Turnkeys Nest, 8 Bores Package, Delta Zulu Stage 1 (14 Bores), Delta Zulu Stage 2 (19 Bores) and numerous minor piping and civil works assisting the mine site development.

CASE STUDY 5

CARRAPATEENA MINE CONNECTION CIVIL WORKS

CLIENT: OZ MINERALS
(ELECTRANET / VENTIA)

BUSINESS SECTOR: UTILITIES
ENERGY TRANSMISSION

LOCATION: CARRAPATEENA MINE SITE
SOUTH AUSTRALIA

OZ Minerals is currently developing the Carrapateena Copper – Gold deposit in South Australia on the eastern edges of the Gawler Craton.

One of Australia's largest undeveloped copper deposits, the project when completed will include a 4.25 Mtpa underground mining operation and associated infrastructure.

In order to provide the 55MW expected power required for the mine and infrastructure, OZ Minerals contracted Electranet as the region electricity network operator to provide a connection to the grid.

Electranet, in turn, contracted Ventia to design the mine connection which involved constructing a 51km 132kV single circuit monopole transmission line and an associated 123/11kV substation.

Longfield Services successfully completed all civil works for this part of the project including all pole foundation and construction of the substation bench and foundation.

The project was completed successfully despite the many challenges presented such as difficult access to the site, geotechnical complexity, logistics, vast areas of cultural heritage and working in a live mine environment.





CASE STUDY 6

HEAVY VEHICLE REFURBISHMENT FOR MINE SITE OPERATIONS

CLIENT:	BIS INDUSTRIES
BUSINESS SECTOR:	FLEET MAINTENANCE & REFURBISHMENT
LOCATION:	BROCKMAN MINE SITE WESTERN AUSTRALIA

Site Fleet Services were contracted to carry out refurbishment of oversize side tipper combinations. The maintenance team were required to travel to Brockman Mine Site and break up combinations that had been sitting dormant for a period of two years. Our transport team then mobilised these units back to the Newman service centre and conducted detailed inspection reports for the client to ascertain the required scope for refurbishment.

The refurbishment incorporated a broad spectrum of activities including mechanical repairs and changeout of componentry along with auto electrical hydraulic hosing installation/modification and large fabrication works. Once combinations were completed, the supervisory team conducted sophisticated quality control checks and reporting to ensure the refurbished combinations were ready to be delivered to site. A commissioning team then mobilised to site to perform the associated tasks required of the client including tip testing and combination assembly, confirming the readiness of the refurbished equipment.

CASE STUDY 7

BEAGLE BAY WASTE WATER TREATMENT FACILITY

CLIENT:	DEPARTMENT OF COMMUNITIES
BUSINESS SECTOR:	WASTE WATER TREATMENT FACILITY
LOCATION:	BEAGLE BAY COMMUNITY DAMPIER PENINSULA WESTERN AUSTRALIA

Auscivil in conjunction with sister company Innotech constructed a Waste Water Treatment Facility at Beagle Bay on the Dampier Peninsula 100km North of Broome.

Construction included:

- Haulage, placement and compaction of material to create waste water treatment ponds.
- Installation of pipework
- Installation of HDPE liner
- Installation of fencing
- Removal of sludge.

Project Challenges

- Working in a remote community liaising with traditional land holders
- Large number of stakeholders to engage whilst ensuring communications are maintained
- Precise pipework and concrete installation
- High level of contractual obligations

Project Innovation

- Established a self-contained camp outside of the community
- Utilisation of local materials





CASE STUDY 8

CONSTRUCTION FOR THE SHIRE OF HALLS CREEK

CLIENT:	SHIRE OF HALLS CREEK
BUSINESS SECTOR:	HIGHWAY CONSTRUCTION
LOCATION:	DUNCAN HIGHWAY, WESTERN AUSTRALIA

Services provided included:

- Provision of a fully self-sufficient remote camp for up to 20 persons
- Full complement of road construction equipment
- Trained and accredited plant operators.
- Installation of turkey nest
- Construction to MRD standards
- Confirming the readiness of the refurbished equipment.
- Installation of culverts and cattle grids

Project Challenges

- Introduction of indigenous employees training and mentoring trainees building to 60% Indigenous engagement
- Ensuring staff embrace indigenous personnel
- Managing logistics and maintaining equipment in remote site requires planning and additional management

Project Innovation

- Purchased satellite phone system to ensure critical communications were maintained
- Conditioning material in the pit increasing production by not conditioning on the road

CASE STUDY 9

NORTHERN MINERALS – BROWNS RANGE RARE EARTH PROJECT

CLIENT: NORTHERN MINERALS
BUSINESS SECTOR: TAILING DAM CONSTRUCTION
LOCATION: BROWNS RANGE
220KM SOUTH EAST OF HALLS CREEK, WESTERN AUSTRALIA

Services provided included

- Setting out of Works
- Clearing and grubbing
- Topsoil stripping
- Bulk earthworks
- Conditioning, placement and compaction of material to Engineered specification
- Batter trimming
- Installation of decant access and tower
- Installation of Tailing Dam Liner
- Installation of pipework
- Rehabilitation of waste dumps and borrow areas.
- Provision of site office, mobile workshop
- Mobilisation and de-mobilisation of all equipment





CASE STUDY 10

WAKATHUNI TANK UPGRADE

CLIENT:	DEPARTMENT OF COMMUNITIES
DURATION:	4 MONTHS
LOCATION:	WAKATHUNI COMMUNITY TOM PRICE WESTERN AUSTRALIA

Innotech Site Services were contracted by the Department of Communities to Design, Supply and Install a new Ground Water Tank, Pump Station and associated pipework for the town water supply at the Wakathuni Community in the Pilbara.

The project comprised a 150kL above ground storage tank, a duty / standby pump station, new electrical switchboard to interface with the new and existing infrastructure, buried and above ground ABS pipework, new water storage facility compound and the associated earthworks required to complete the scope.

Commissioning of the new facility was completed along with integration into the existing water storage / transfer facility whilst maintaining town water supply for the duration of the project.

Innotech Site Services completed the project on time with no safety issues or disruption to the local community.

CASE STUDY 11

WARRADARGE TRANSMISSION LINE PROJECT

CLIENT: POWERLINES PLUS
DURATION: JUNE 2019 - SEPTEMBER 2019
LOCATION: WARRADARGE,
WESTERN AUSTRALIA

Project Scope

Western Power has erected a new single circuit 300 kV transmission line between Warradarge Wind Farm Terminal and Eneabba Terminal in Perth's North West. These works included the construction of 18 suspension poles, and 8 lattice towers over a 10km span.

Longfield Services was awarded the foundation works for the poles and towers by Powerlines Plus who was contracted to design, supply and construction of the line.

Project Challenges

Longfield Services was awarded the foundation works for the Pole and Tower Foundations. The project had unique challenges in that there were multiple agricultural landowners, national parks, protected flora and fauna and limited access in some sections. Despite these issues, Longfield Services completed all pole and tower foundations as per specification.





CASE STUDY 12

YANDIN TRANSMISSION LINE PROJECT

CLIENT:	POWERLINES PLUS
DURATION:	NOVEMBER 2019 - MID FEBRUARY 2020
LOCATION:	YANDIN, WESTERN AUSTRALIA

Project Scope

Powelines Plus were contracted by Western Power to deliver the Yandin 330kV Overhead Transmission Line Project. The project encompassed the construction of 19 suspension poles and 11 lattice towers to connect the Yandin Windfarm to the Yandin Terminal over approximately 10.5km in Perth's North West.

In addition, Longfield Services was awarded variation works to complete pile caps for 5 x tower structures. Longfield Services approached these works utilising Pecaform (sacrificial formwork) to efficiently carry out the completion of the inground pile caps.

Project Challenges

Longfield Services was awarded the foundation works for the Pole and Tower Foundations. The project had unique challenges in that there were multiple agricultural land owners, national parks, protected flora and fauna and limited access in some sections. Despite these issues, Longfield Services completed all pole and tower foundations as per specification.

CASE STUDY 13

CBH REGIONAL WEIGHBRIDGE UPGRADE

CLIENT: TEMPO AUSTRALIA
DURATION: 2019 (3 MONTHS)
LOCATION: WHEATBELT AND
GREAT SOUTHERN REGIONS
WESTERN AUSTRALIA

Project Scope

The installation of a new 36m Mettler-Toledo Weighbridge across 8 sites from the Perth metropolitan, Wheatbelt and Great Southern.

Stage 1 works included:

Civil – remediation of pavement as per TS10B;

Structural – removal of existing weighbridge, hut and concrete foundations; and

Electrical – isolation and removal of redundant cables.

Stage 2 works included:

Civil – construction of concrete foundations bridge decks and ramps, construction of pavement / asphalt;

Structural – install new 36m weighbridge and hut; and

Electrical – relocation / install of new electrical and communications cable to new weighbridge location.

Project Innovation

Due to weather conditions, Longfield Services out-sourced materials that could be used during construction and eliminated down time due to weather conditions and access





CASE STUDY 14

ROY HILL REVERSE OSMOSIS PLANT

CLIENT:	ROY HILL
DURATION:	JULY 2018 - FEBRUARY 2019
LOCATION:	ROY HILL MINE SITE PILBARA REGION WESTERN AUSTRALIA

Project Scope

Roy Hill required the delivery the Blended Water Treatment Plan (BWTP) for a life of mine balanced water management system at the Principal's Roy Hill Mine site.

The desalination plant has been incorporated into the Principal's existing bore fields and water system to provide a constant supply of up to 20.5ML/day of high quality (blended source of permeate) fresh water for use by the mine as chloride wash water.

The blended water system will operate for current Life of Mine until 2031. In order to achieve targets, Roy Hill engaged Osmoflo as the main contractor for the design, construct and delivery of the BWTP for the balance water management system.

Longfield Services was engaged by Osmoflo for the civil construction of the desalination plant. Longfield successfully completed all civil works for this part of the project including all bulk and detailed earthworks and concrete elements and structures.

The project provided numerous challenges which were successfully overcome by Longfield Services including numerous design changes, remote location, logistics and working within a large busy existing mining operation.

HSEQ MANAGEMENT SYSTEMS

Safety is a core value at Auscon, and it takes unconditional priority. Auscon takes pride in our safety performance record which exceeds industry benchmarks. We understand that all our operations are inherently variable and challenging and that we have to adapt and constantly improve to ensure the safe and efficient delivery of projects.

Auscon's systems have been independently verified by SGS Australia as complying with the requirements of ISO and AS/NZS management system standards and has received certificates of registration for the following:



Safety goes beyond compliance – it is core to our HSEQ Management Systems and reinforced through our people, policies, procedures, risk assessment and hazard identification tools. Auscon's HSEQ Management System promotes effective leadership and management practices to continuously improve our HSEQ performance for the benefit of our employees, clients, and other stakeholders.

Safety is a continuous journey - one that we invest in and support. We are committed to achieving the highest quality standard in Occupational Health and Safety.

We see people as our most valuable asset. This includes the health and wellbeing of our teams. We actively promote healthy lifestyles through a number of initiatives and wellness programs for all staff.

Auscon is committed to minimising impact to the environment. We do this through the establishment and promotion of environmental systems and processes designed to reduce the likelihood of pollution and environmental damage within all aspects of our business. At all times we ensure that we are complying with relevant legislation and meeting industry expectations. We are regularly striving for innovative and new ways to do things, including minimising our environmental footprint.

Our quality management systems are to deliver a consistent and reliable service. We work hard to deliver and protect our reputation for setting the benchmark in construction, equipment reliability and service. Auscon's Quality Assurance has been established to ensure our clients receive quality of product and service. The system promotes continual improvement and provides us with the mechanisms to uphold our commitment to be innovative without compromising on quality or industry expectations. Our quality assurance and auditing process ensures we maintain a high level of compliance with our legislative requirements and certified Management System requirements.

OUR CURRENT CLIENTS



RioTinto

TOLL



DELIVERING TRUSTED INFRASTRUCTURE CONSTRUCTION OUTCOMES



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