

Valmec offers integrated project solutions to efficiently deliver to our clients' requirements in the Water sector. Our scope of works in Water Infrastructure includes transmission and distribution network upgrades, borefields, pipelines, pump stations, storage, water, and wastewater treatment.

## EARTHWORKS & CONCRETE SOLUTIONS

- ✓ Clearing and topsoil strip
- ✓ Bulk earthworks
- ✓ Detailed earthworks and final trim
- ✓ In situ concrete works, pre-cast footings and tilt-up construction
- ✓ Storage Pond Construction
- ✓ Road and drainage construction
- ✓ Pre-Cast and In-Situ Tank Construction
- ✓ Mild Steel Cement Lined (MSCL) Concrete Encasements
- ✓ Internal fleet of plant

## STRUCTURAL, MECHANICAL & PIPING SOLUTIONS

- ✓ Structural, mechanical and piping supply, fabrication, erection and installation
- ✓ Construction of chemical dosing panels and pipework
- ✓ Prefabricated chemical dosing modules
- ✓ Stormwater and sewer pipework installation
- ✓ Potable water and wastewater piping (HDPE, PVC, MSCL, FRP and Stainless Steel)
- ✓ Pump station construction
- ✓ Pressure testing and disinfection
- ✓ Pre-commissioning and commissioning
- ✓ Steel tank fabrication, installation, and commissioning
- ✓ Wastewater Treatment Plant (WWTP) Upgrades

## ELECTRICAL & INSTRUMENTATION SOLUTIONS

- ✓ Electrical and communication cabling, terminations and point-to-point testing
- ✓ Telecommunications, SCADA and control system installation
- ✓ Instrumentation installation
- ✓ Control room and switch room fit out and installation
- ✓ Tubing and cable ladder fit-out and testing
- ✓ Earthing and equipotential bonding
- ✓ Pre-commissioning and commissioning
- ✓ Conduit and cable pit installation
- ✓ Switchboard Upgrades

## STIRLING DAM PUMP STATION CONSTRUCTION



**Client:** Water Corporation



**Location:** Harvey, WA

Construction of a temporary and permanent Pump Station and associated Civil, Mechanical, Piping, Electrical and Commissioning Works.



## DERBY WATER TREATMENT PLANT & SWITCHBOARD UPGRADE



**Client:** Water Corporation



**Location:** Derby, WA

Design, supply and construction of a new Chlorination and Fluoridation Dosing Module to replace the existing system on site.



## AUSTRALIND WATER TREATMENT PLANT FILTRATION UPGRADE



**Client:** Water Corporation



**Location:** Australind, WA

Design, supply and construction of a Filtration Plant including buffer tank, backwash pumps, pump station and associated MSCL and HDPE piping.



## MORRISON PARK DESIGN & CONSTRUCTION OF 2 ELEVATED TANKS



**Client:** Water Corporation



**Location:** Kelmscott, WA

Design, supply, fabrication, installation, testing and commissioning of two steel elevated tanks.



## BROOME SOUTH WASTEWATER TREATMENT PLANT UPGRADE



**Client:** Water Corporation



**Location:** Minyirr, WA

Construction of holding ponds, GCL liner install, spillways and associated piping and retic system.



## BOLD PARK REMEDIAL INLET PIPEWORK



**Client:** Water Corporation



**Location:** City Beach, WA

Installation and concrete encasement of MSCL inlet pipework, supply and installation of chlorine dosing pipework, dosing pits, spears and panels.



## NORSEMAN 4 ML WATER TANK



**Client:** Water Corporation



**Location:** Norseman, WA

Construction of a new 4ML insitu concrete tank including all associated pipework, instrumentation, and SCADA works.



## SHENTON PARK PUMP TEST FACILITY



**Client:** Water Corporation



**Location:** Shenton Park, WA

Design and construction of a bore pump and PRV testing facility capable of testing pumps to 315kW and flows of 400l/s.



## KWINANA POWER STATION WATER TREATMENT PLANT



**Client:** Osmoflo



**Location:** Kwinana, WA

Civil, structural and mechanical works for the construction of a Water Treatment Plant (WTP) at the Kwinana Power Station (KPS) in WA.

