

Pump Station Delivery.

Total project solutions for wastewater pump stations.

Rob Carr has experience installing simple pre-fabricated pump stations through to complex engineered bespoke structures and caisson pump stations. We can project manage and self-perform the entire pump station construction process and also oversee the electrical fabrication and installation components.

Our added value

Sizes, types and depths have varied with the deepest being 14m and the largest 11.5m in diameter in a twin caisson setup. The majority of installations have involved sophisticated SCADA automation and electrical services. In many cases, we self-performed complex mechanical arrangements.

We work with clients in all forms of delivery such as early contractor involvement, design, design and construct, or construct only. Regardless of the contract type or structure, we take a collaborative approach with clients and provide creative and cost effective solutions to project challenges.

We can project manage and self perform the entire pump station construction process and also oversee the electrical fabrication and installation components. Our clients benefit from our self perform capability to undertake all detailed excavation, formwork, pre-cast concrete installation and mechanical fitout required to construct pump stations, simply leaving the management of electrical and telemetry fitout as a lone subcontract item.

In particular, we have wide ranging and in depth experience in product selection and supply, installation of pumps, valves and pipework, monitoring, testing, restoration and maintenance, as well as decommissioning existing stations.

We have constructed many deep pump stations, often in difficult ground conditions that have typically included wet alluvial soils, sometimes heavily contaminated, soft or highly plasticised clays

and rock. We have the capability and experience to adapt to any site condition by utilising a range of construction methodologies including traditional shoring such as shoring boxes or sheet piles, through to cast in-situ or underpinned precast caisson systems.

Brochure





Related projects

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All projects