



AUSTLINE FABRICATIONS

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FABRICATION AND INSTALLATION,
DELIVERED WHEN YOU NEED IT



WATER

BEENYUP RECHARGE BORE SMP INSTALLATION, PERTH

CLIENT: KEP RECHARGE ALLIANCE
LOCATION: WA
YEAR: 2016

PROJECT SCOPE

KEP Recharge Alliance, a joint venture between Thiess and CH2M Hill Australia has started construction works on a \$125 million water recycling plant in the northern Perth suburb of Craigie. KEP Recharge Alliance is responsible for the design, construction and commissioning of the Advanced Water Recycling Plant. The partnership between CHT JV and Water Corporation will have a capacity to recharge 14 billion litres of water into groundwater supplies; the scheme will provide a new climate independent water source to boost much needed drinking water supplies. In the future, the scheme can be expanded to ultimately deliver 28 billion litres of water when needed.

WATER RECHARGE

Once complete, the scheme will recycle water, treat it to drinking water standards and recharge it back into existing groundwater supplies. The Alliance will move more than 18,000 cubic metres of earth before constructing the plant and will then pour 1000cu.m of concrete, install 70km of cables and lay 15km of pipes.

The project is scheduled for completion in late 2016 and will have built-in capacity to expand production to 28 billion litres of water as demand increases.

INSTALLATION

TFG Group has been awarded the installation of all pipe supports, piping, valves and associated instruments to all recharge spooling. TFG committed to a schedule and timeline of mobilisation of bore piping; documentation verification, onsite fabrication and Hydro testing all spooling to AS4041 & AS4037.

TFG approached the installation methodically with successful finalisation of all documentation.

