

Mini-Hydro Development Scheme

Date:

August 16 – January 17

Location:

Victoria

Client:

Melbourne Water

Project value:

\$1.6M

Project Details:

The Mini-Hydro Development Scheme endeavours to harness excess hydraulic energy at five sites in the Melbourne water supply system. The mini hydros represent a minor part of Melbourne Water's goal to reduce operational energy costs and expansion of energy generation in Melbourne.

JAYDO was awarded all five mini-hydro projects, with scope comprising civil, mechanical and electrical works. The five sites include works within operational sites at the following locations: Boronia, Wantirna, Cardinia, Dandenong and Mount Waverly.

The works at these sites involve the following:
Civil works for installation of new site main switchboard and kiosk substation;

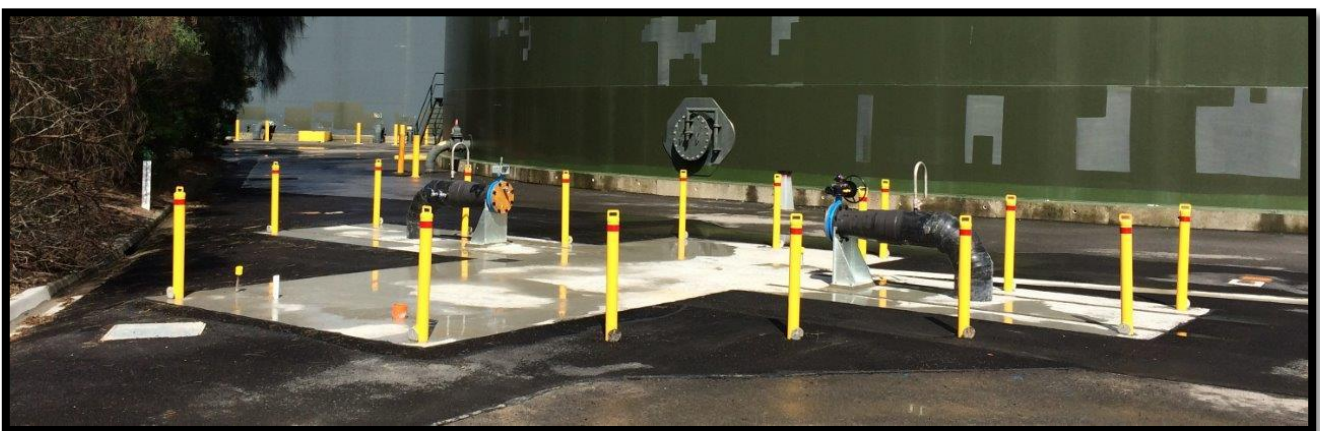
VEDN accredited conduit installation for electrical works including trenching, installation of conduits and pits for electrical cables.; Full reinstatement, including gravel access track and hardstand area; Modification to existing MSCL pipework; Valves, Bypass Flow Control; Flowmeters, Dismantling Joints; Corrosion protection; Post & panel retaining wall, galvanised mild steel access stairs & hand railing

Project outcomes:

Our involvement in high-level discussions with our client in the early stages of design ensured a clear concise understanding of requirements. This meant a greater knowledge of the method and requirements by all parties, thereby mitigating potential construction, safety, environmental or design risks and issues during construction.

Client Feedback:

JAYDO completed this project, on time and on budget to the satisfaction of Melbourne Water.



JAYDO CONSTRUCTION

81 Boundary Road, Carrum Downs, VIC 3201 Australia
T: (03) 8772 6000 F: (03) 8772 6099 E: info@jaydo.com.au

jaydo.com.au