

in the field

Cowarra Dam Mixer Service

Cowarra Dam has two electric powered mixers installed on the outlet tower walls, twenty five metres below the surface, to improve the stored water quality. When servicing is required, the mixers are disconnected from their mounts by divers and raised to the surface using air lift bags. They are then towed closer to shore for removal by crane.

Following the field servicing process, the reverse procedure is then applied to re-install the mixers. An ROV (robotic operated vehicle) is utilised by the divers to control the descent and to oversee the re-connection process onto the mounting brackets.



Issue 6

Diving methods



Aqualift Divers

Our number one resource in maintaining water quality



Aqualift divers go through a lengthy training process after joining the team.

Particularly in working at heights and in confined spaces, these are two situations not encountered in 'normal' diving operations.

Preventing contamination to our potable water can be an issue, therefore our operations and equipment are 'potable water dedicated'. Our Divers have dry suits available for summer and winter conditions to afford maximum comfort and protection, and all our equipment has been selected to balance cleanliness with performance.

Apart from diving, abseiling and height safety skills, the Aqualift team members have to be competent in condition assessment techniques, be computer literate and possess communications & marketing skills to assist in providing outcomes our clients have learned to expect.



Jet Ski Diving

The Aqualift Team subscribe to safe, efficient working techniques.

Aqualift are always looking out for new ideas and work methods to improve diver safety and productivity.

Our jet skis have been used successfully to move barges and pontoons, tow sediment booms and to provide diver support for dam and pipeline inspections.

Jet skis are easy to launch in remote areas and have the ability to operate in shallow waters where conventional propeller driven boats cannot manoeuvre – they are also less affected by cross winds and currents when following a diver across an open water area.

Scuba tanks can be carried on either side of the ski and an airline system is tethered to the towing eye, making for a safe and reliable dive support vessel.

