



Hydrodemolition - Case Study

The Aquamax team were a pleasure to work with and have delivered a highly controlled hydro-demolition process

Road Overbridge – Kaikoura Coast

Concrete Solutions™, a leading provider of concrete repair, injection and protection, needed a high quality hydrodemolition job at a remote site.

The client required hydrodemolition on 32 repair sites on the underside of the bridge deck, beams and soffits. The location was remote, an hour's drive north of Kaikoura.

Aquamax got involved and was able to deliver a high quality result. A team was put together from Auckland and Christchurch with the right expertise to complete the job efficiently. We provided a high-pressure wash down and followed this with careful hydrodemolition to a depth of up to 100 mm to remove concrete cover exposing rebar.

Our team worked under the direction of Concrete Solutions™ and in conjunction with the client's rail protection and health and safety representative.

Rod Gray

Southern Region Manger
Concrete Solutions™ Ltd



High pressure wash down



Prepared repair sites

Customer Outcomes

- ▼ All loose concrete and rust scale removed
- ▼ No damage to steel
- ▼ Highly controlled process
- ▼ Clean and stable substrate ready for re-instatement of concrete
- ▼ Reliable, professional and safety conscious team