

EARTHQUAKE AFFECTED WATERWAYS

What's happened to Christchurch's streams, rivers and estuaries as a result of the earthquakes

SCIENTIFIC INVESTIGATIONS

Environment Canterbury and the Christchurch City Council are working closely with Ngāi Tahu, scientific and health organisations to assess the effects of the earthquakes on the ecology and public health status of the city's rivers and the Avon Heathcote Estuary/Ihutai.

This work includes:

- River water quality modelling
- Surveys of river fish, invertebrates and fish spawning
- Testing of Estuary/Ihutai shellfish
- Water quality testing
- An assessment of the height of the Estuary/Ihutai seabed
- Surveys of the Estuary/Ihutai habitat and ecosystems.

For more information go to:

www.ecan.govt.nz/eq-effects-water
www.facebook.com/christchurchcleanwaterways
www.facebook.com/canterburyrecwater

REMEDIAL WORK

Environment Canterbury and Christchurch City Council are working closely together to assess the effects the earthquakes have had on infrastructure and waterways around the city. This is to ensure that pragmatic decisions are made that enable repair and rebuild to occur as efficiently as possible while trying to avoid further adverse effects and improve and restore the health of waterways where possible.

The four main areas are:

- **Infrastructure Rebuild** - this area covers permanent repair works to wastewater trunk mains, pump stations, potable water trunk mains, stormwater and roads.
- **Works in and around waterways** - this area involves discussions around stabilisation of banks, the repair of structures, dredging and the realignment of waterways.
- **Ongoing wastewater and Industrial discharges** - this area involves discussions around reducing the frequency and volume of discharges into rivers, the estuary and ocean.
- **Surface Water Recreation Users Group** - monitors waterways for microbiological indicators to assess suitability for recreation and risk to public health.

