

Reference Project

Inspection

Concrete condition survey (Spillway)

Location Matahina Dam, Lake Matahina

Date May 2019

Client Trustpower

Consultant Riley Consultants Ltd

Riley Consultants approached Abseil Access to conduct Trustpowers periodic Spillway concrete condition inspection at the Matahina Dam.

The work had to be completed in a set timeframe to minimize the exposure risk for Trustpower for any flooding event. The requirement to vacate the Spillway within 15min was another challenge that had to be managed.

The project consisted of:

- a) Visual inspection and photographic report completed by Abseil Access rope technicians
- b) Assisting Riley Consultant engineers to conduct an inspection of the spillway on ropes
- c) Assisting Southern Geophysical to conduct impulse response testing to detect subsurface defects in the concrete. This test required a grid to be plotted across the full length of the spillway.

The works were completed within the allocated timeframe, without incidents and to all of Trustpowers stringent H&S standards.

