

LOWER WAIHO RATING DISTRICT

Emergency Site Inspection - Thursday 4 December 2014

At the request of Richard Molloy (Spokesperson for the Lower Waiho Rating District), I carried out an urgent site inspection on Thursday 5 December commencing at 1.00pm.

Present were Richard Molloy and Robin Richards.

Upon inspection it was evident that as a result of the Waiho River diversion work carried out in the prior 2 weeks by NZTA under Opus International guidance, the main flow of the Waiho River had been artificially altered and where previously no water has been anywhere near the Lower Waiho Rating District "Rubbish Dump to Rata Knoll" link bank, a new river channel had been diverted alongside the previously unprotected stopbank.

As a result of the inspection it became very obvious that the new channel was moving around the end of the fully-rocked Rubbish Dump stopbank and flowing down the outside of the new "raw" stopbank. Given the vulnerable state of the new stopbank it was decided that immediate action had to be taken in order to protect the unprotected stopbank from ongoing erosion.

All agreed that emergency action was required to divert the channel flows away from the area and as a consequence, it was decided to contact Graeme Condon regarding the availability of his dozer to carry out immediate diversion work.

Graeme was picked up and driven to the site and he estimated that a diversion would require approximately 2 days' work at \$550 / hour hire.

He also said he would be available to start the work later that afternoon.

Both Richard and Robin acknowledged that this was emergency work and had to be done as soon as possible to avoid major repair work in the future.

Graeme was verbally advised on-site to proceed with the work.

Richard Molloy agreed to oversee the work on a daily basis and report back once completed.

Robin expressed some concern at the lack of protection on the new bank and asked that strategically place rock spurs be placed along it. Both Richard and Wayne suggested that the diversion be carried out first and keep a watching brief on the situation.

The site inspection closed at 3.30 pm

Wayne Moen

Senior River Engineer

5 December 2014

Note: After discussions with Rachel Clark (Senior Consents Officer) and Dr. George Tripe (Consent Holder), it was agreed that the diversion work was legal under Dr. Tripe's resource consent RC 11166.

After emailed agreement from George Tripe this was conveyed to Rachel by email on the afternoon of Friday 5 December 2014.