

## STAFF REPORT

**TO:** Chairman and Members, Engineering Services Committee  
**FROM:** Utilities Asset Manager, Jeff Cuthbertson  
**REFERENCE:** W216  
**DATE:** 22 November 2006  
**SUBJECT:** **TAPAWERA WATER RETICULATION UPGRADE**

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### 1 PURPOSE

The purpose of this report is to highlight to the Engineering Services Committee some of the problems being incurred with leakage.

### 2 COMMENT

Council has a water consent to operate the Tapawera water supply. The maximum water take of the consent is 455 m<sup>3</sup>/day. Over the past year checks have been made due to the issue that the water usage has steadily increased to more than 650 m<sup>3</sup>/day

Checks to locate a potential leakage were fruitless.

It was decided to replace the 50 mm diameter rider main along the main street in Tapawera as this appeared to be a potential leakage source.

The result of this repair coincides with the water usage in the township dropping from in excess of 650 m<sup>3</sup>/day to a more realistic water usage of 250 m<sup>3</sup>/day (see attached graphs).

The cost of the rider main replacement was \$37,000 which has been funded from the water operations and maintenance budget.

### 3 RECOMMENDATION

**THAT this report be received.**

Jeff Cuthbertson  
**Utilities Asset Manager**