

Subject: Akaroa Treated Wastewater Beneficial Reuse, Treatment and Disposal Options - Project update
Date: Thu, 8 Jun 2017 04:08:50 +0000
From: ManagementPlan <ManagementPlan@ccc.govt.nz>

Dear Submitter,

This information is to bring you up to date with the Akaroa Treated Wastewater project. The submissions received are now available on the [Christchurch City Council's Akaroa Wastewater Have Your Say webpage](#).

Most submitters were keen to see Akaroa's treated wastewater being reused in the town via a 'purple pipe' network. As Council staff were assessing the viability of this option, a discrepancy in flow readings was noticed. Further investigation has revealed that a flow meter has been recording inaccurate readings.

The readings recorded have underestimated the flow of wastewater, especially at times of low flow. These readings were used by our consultants to estimate the land area needed for the options that involved reusing the treated wastewater to irrigate pasture and/or trees, and to estimate the costs for each of the five options.

Two new flow meters are being installed to record new data. These flow meters will be calibrated to ensure accurate and validated data is recorded. We expect to have the new data available to our design team during the week beginning 19 June 2017.

When the new data has been gathered, the design team will analyse it and assess any impact on the five options we consulted on. It is possible that when the new data is applied, it will show that design estimates relating to land area and costs have been underestimated.

This technical error means the project team is not in a position to report to the Hearings Panel as planned. It has also left the Council with no option but to seek leave of the Environment Court for more time before presenting alternatives to the harbour outfall option.

It is unfortunate that this has happened, however staff and consultants will continue to prepare reliable estimates for the most popular option, the 'purple pipe' network. This was overwhelmingly favoured in the submissions received and we look forward to presenting the community with greater detail on how this might work in Akaroa.

Thank you for your patience as we work through this process. Now that we have identified the problem, we will keep you informed of our progress.

Bridget O'Brien
Team Leader Asset Planning
Christchurch City Council
Email: akaroawwproject@ccc.govt.nz
DDI: 03 941 6438