

11. FLOW MONITORING PROGRESS REPORT

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Corporate Plan Output: Liquid Waste Infrastructural Assets/Renewal and Replacement/Flow Investigations	

The purpose of this report is to inform the Committee of progress on a 'Strategic Wastewater Plan' being developed for Christchurch's sewer reticulation by Sydney consultants Australian Water Technologies Ltd (AWT).

BACKGROUND

In 1996 the Waste Management Unit engaged Australian Water Technologies Ltd (AWT) to produce a 'Strategic Wastewater Plan' for Christchurch's sewerage system. The Plan is considered essential for looming important decisions on sewer trunk system such as:-

- The amount of increase in pipework capacity necessary to cater for future city growth
- Increase in capacity required to meet agreed levels of future overflows
- Which areas of the city to target for future infiltration work such as manhole and pipework grouting, continued gulley trap inspection and the like.

PROGRESS

The work has been divided into three stages:-

- Stage 1 - Flow monitoring
- Stage 2 - Hydraulic modelling
- Stage 3 - A works plan

Stages 1 and 2 are now complete and Stage 3 is expected to be completed next year.

TECHNICAL DETAIL

Technical detail is given in Appendix 1 (attached).

SUMMARY

It is anticipated that the Stage 3 works plan will answer the questions posed above (in Background) and provide a framework to plan future enhancements to the city's reticulation network. In the meantime Stage 2 has provided sufficient information to identify the appropriate suburb for City Care to start the 12 month grouting contract work awarded to them earlier this year (ie. Papanui).

Chairman's

Recommendation: That the information be received.