

## 16. CHRISTCHURCH WASTEWATER TREATMENT PLANT UPGRADE

The Committee received a report from Mr Bourke, Wastewater Manager, on progress with the \$33.7m upgrade of the Christchurch Wastewater Treatment Plant, its review priorities for elements of the upgrade, and sought agreement on a course of action for the next stage of the work.

The report backgrounded the present position and noted that several major contracts were currently underway and detailed the future works as follows:

Item	Cost	Construction Timing
• third and fourth clarifiers;	\$6.0m	2001/03
• conversion of the third and fourth secondary tanks to aeration basins;	\$1.0m	2002/03
• upgrade of trickling filter distributors;	\$0.9m	2001/03
• the new trickling filter pumps station;	\$1.6m	Currently 2001/02
• refurbishing of the current trickling filter pump station discharge valving and pipe work (separately budgeted);	\$0.225m	2004/05
• covering of the primary tanks;	\$1.5m	2004/05
• replacement of biosolids lagoons with enclosed tanks;	\$0.9m	2003/04
• pond baffles and wetlands	\$1.6m	*2005/06
• shoreline diffuser	\$0.7m	*2003/04

The desirability of proceeding with the building of the new trickling filter pump station a year earlier than currently programmed as a consequence of the deterioration of the main bearing in the no 2 filter was noted.

It is expected that construction work could commence in November, at about the same time as completion of the current major contracts, and approval to implement this work earlier by moving \$1.6M budgeted in 2001/02 forward to 2000/01 was sought.

The Committee **decided** to recommend to the Strategy and Resources Committee:

1. That the \$1.6M budgeted in 2001/02 for the new Trickling Filter Pump Station be brought forward to the current year, 2000/01. (Note: It is likely that the effect of a \$1.6M bulge in year 2000/01 will in the final event be softened by a carryover of around \$0.6M into the following year, 2001/02.)
2. That the detailed design proceed for this new pump station and a subcommittee consisting of the Chairman of the City Services Committee and Councillors David Close and Ron Wright be set up to consider options for awarding a construction contract for the work.