

**16. CHANGES TO 1999/2000
WATER SERVICES CAPITAL WORKS PROGRAMME**

RR 9966

Officer responsible Water Services Manager	Author Planning Engineer, Eric van Toor
Corporate Plan Output: Water Supply Capital Works	

The purpose of this report is to advise of proposed minor changes to the 1999/2000 capital works programme in order to improve readiness for the coming summer's water demands.

Low groundwater levels last summer led to some concern about the ability to maintain supply from several of the City's pump stations due to low suction tank levels. In the event, the continuity of supply did not come under serious threat, but the incident did highlight weaker points in the city's network of pump stations. Problems related to slow filling of suction tanks at specific sites are systematically being addressed through a combination of targeted maintenance and operational and capital works improvements.

The improvements required are relatively minor, but collectively are expected to alleviate concerns for next summer should background groundwater levels remain low. In the longer term, some priority for well replacements will be given to pump stations with suction tank problems, but it is not intended to increase the asset management replacement rate of five wells every three years.

However, one well in particular would benefit from replacing at this stage. The Trafalgar Street pump station is a base-load station that runs virtually continuously throughout the year. The suction tank at this station was low at several times last year due to low groundwater levels in the second and third aquifers. A replacement well in the fourth aquifer would rectify the situation.

The well replacement budget for 1999/2000 is already committed with the programmed replacement of the entire pump station at Glenroy Street. It is proposed to rearrange existing funding provisions rather than requesting additional funding for the Trafalgar Street well. Of the estimated \$110,000 cost to install the new well it is proposed that \$40,000 from this year's well renewal budget be carried forward to next year for the project. The remaining \$70,000 would be expended instead of the proposed Hackthorne pump replacement, from the 1999/2000 budget. The Hackthorne pump has been replaced as an efficiency project in the current financial year without Council funding, through a grant from the Energy Efficiency Conservation Authority, so budgetary provision is no longer required for this purpose.

Recommendation: That the proposal to install a replacement well at the Trafalgar Street pump station, using funds carried forward from the 1998/1999 year and the sum previously budgeted for the Hackthorne pump replacement in the 1999/2000 year, be approved.

Chairman's

Recommendation: That the above recommendation be adopted.