

**CITY SERVICES COMMITTEE
SUPPLEMENTARY AGENDA**

**TUESDAY 9 MARCH 1999
AT 2 PM**

**28. CHRISTCHURCH WASTEWATER TREATMENT PLANT
DISCHARGE CONSENT**

RR 9506

Officer responsible Waste Manager	Author Walter Lewthwaite
Corporate Plan Output: Liquid Waste	

The purpose of this report is to seek the approval of the City Services Committee to add four new items to an environmental assessment contract that is currently under way, and to extend some existing items.

BACKGROUND

In October 1998 a sub-committee of the City Services Committee let a contract to Woodward-Clyde (NZ) Ltd to do an assessment of environmental effects (AEE) of two discharge options, at an estimated cost of \$281,350. It is now considered desirable to extend the scope of the contract by adding four new items of work and modifying some existing items, and this requires the approval of the City Services Committee.

This AEE contract is a core step in the process of deciding what solution to choose for a discharge from the Christchurch Wastewater Treatment Plant. It is addressing a number of matters that were not understood in detail at the time the Council resolved in August 1998 to "favourably consider" the ocean outfall.

An early step in the contract was to hold a scoping meeting, involving a number of New Zealand's leading wastewater practitioners and environmental scientists experienced in resource consent issues. As an outcome of that meeting it is clear that the decision-making and consent processes will be much more robust if the following items of work are added and alterations are made to existing items as follows (prices have been negotiated with suitable subcontractors):

New item 1: Assess impact of potential solutions on surf clams in Pegasus Bay, as an indicator for ocean shellfish	\$3,600
New item 2: Advise on appropriateness of different international standards that that could be adopted for water quality guidelines	\$3,000
New item 3: Assess impact of pond and wetland development on wildlife, and impact of wildlife on final effluent quality	\$5,000
New item 4: Investigate seabed dwelling creatures around the possible pipeline, to predict effects on a range of sea life and to establish a benchmark for future monitoring	\$20,500
Alteration to existing item 1: Investigate more thoroughly the nature of the bed material in Pegasus Bay to lead to a better construction cost estimate if that option is finally selected; extra cost	\$39,450
Miscellaneous extensions and deletions to existing items; net extra cost	\$9,990
Total net increase in cost	\$81,540

28 Cont'd

BUDGET IMPLICATIONS

The total plant upgrade budget of \$33.2M allows \$1.7M for the scientific studies and administrative and legal steps involved with obtaining a consent. Within that \$1.7M there is an allowance of \$400,000 for the AEE studies. The AEE contract, including the addition of the four new items proposed above, and modifications to existing items, is now estimated to cost \$365,000, which is still \$35,000 under the budget for this item.

This \$35,000 should be regarded as a contingency fund for this project as it may be needed to fund additional public consultation work which cannot be precisely defined yet.

SUMMARY

The \$33.2m budgeted for extensions to the Christchurch Wastewater Treatment Plant includes an allowance of \$0.4m for the necessary AEE study on the future effluent discharge options (ie whether to discharge to the Estuary or the open sea). Approval is sought to extend the contract let to Woodward Clyde from \$281,350 to \$365,000 to fund the extra essential work outlined above together with an additional contingency of \$35,000 to be spent only with the Waste Managers approval.

Recommendation: That the City Services Committee approve a funding increase in Woodward Clydes contract up to \$365,000 with an additional contingency of \$35,000 to be spend only with the Waste Managers approval.

Chairman's

Recommendation: That the above recommendation be adopted.

29. FOOTPATH EXTENSION - HIGH STREET

RR 9179

Officer responsible City Streets Manager	Author Peter Atkinson
Corporate Plan Output: Activities on Street	

The purpose of this report is to seek the Council's approval to extend the footpath onto High Street and to remove the left turn movement from Lichfield Street into High Street. This item was withdrawn from the meeting on 9 February 1999.

This is one of the larger projects that is part of the enhancement works along Manchester Street. The objectives of these projects are to give definition to the core area of the central city, to upgrade Manchester Street and to add an interest to this locality. This project includes the proposed extension of the footpath onto that part of the roadway between the footpath on the north-eastern side of High Street and the small triangulate area reserve between Manchester Street and High Street. A diagram illustrating these works is attached. The existing traffic lane for left turn vehicles from Lichfield Street will be removed and the area paved with new seating and additional planting.

29 Cont'd

Traffic access from Lichfield Street into Manchester Street will be improved. This will also assist with the operation of the intersection, which is one of the critical ones on the one way system. Lichfield Street traffic wishing to gain access to High Street/Cashel Street precinct area will be able to turn left into Manchester Street and then turn left adjacent to the existing reserve.

The design will increase the area of pedestrian space, provide the opportunity for extra outdoor tables and chairs and better access to the cycle stands. The amenity will be improved by providing shelter from the prevailing easterly wind with the planting of a bamboo screen. The walls of the planters will be made bright and lively with the walls being clad in colourful blue and gold tiles. The paving areas will be cobbled with 'autumn tone' paving stones similar to those used elsewhere in the city.

In order for these works to be carried out, the Council needs to:

1. By Special Order procedure to remove the present one way control on the section of road from Lichfield Street into High Street.
2. Approve the extension of the footpath.

This work has been circulated for public comment and has the support of shop occupiers in the immediate area.

- Recommendation:**
1. That special order procedures be commenced to remove the one way section of road from Lichfield Street into High Street from Schedule Six of the Council's Traffic and Parking Bylaws.
 2. That the development of the area be generally in accordance with the diagram attached to this report.

Chairman's

Recommendation: That the above recommendation be adopted.

