

TO: Chairman and Members Engineering Services Committee

FROM: Peter Thomson

DATE: 14 October, 2010

File: A503

Utilities Management Report

6.1 WATER

Wai iti Valley Community Dam

Council has approved the contractors use of an alternative material borrow site on the West side of 88 Valley Road. Work on the site has recommenced using this borrowed material for Dam Fill. Use of the alternative borrow may help to get the project completed this Spring than otherwise would have been the case. Therefore there is still some chance that Spring early Summer rainfall could be harvested and released during the January to March 2006 summer period. Letters and invoices are being sent out this month to land owners who have reserved allocations of new irrigation. Staff are also preparing a newsletter for public distribution outlining project progress, delivery of project benefits and the Councils position on imposing the targeted rate in the current financial year.

Dovedale Rural Water Supply

The last section of new pipework has been installed. The Kelling Road link is complete. A new reservoir at Knotts has been installed. During the last month 700m of pipe recovered from Whittings line has been installed as Hannans line. The Dovedale Water committee AGM is to be held 23 August.

88 Valley Rural Water Supply

The 88 Valley scheme is operating satisfactorily and the installation of new storage tanks and some reticulation works are yet to be completed to improve the efficiency of the scheme.

Hamama Water Scheme

All of the Hamama Road replacement water main has been installed and work is complete. The contract has now entered into its Defects Liability period. A letter is to be sent to all consumers seeking their individual preference to how they wish to pay back the recent capital expenditure. The present rates demands will be amended to reflect the individual options adopted.

Redwoods Rural Water Scheme

The system is operating well and flows are steady. The requirement for further flow meters is to be investigated.

Work is well advanced in establishing easements over all new reticulation and the parallel existing reticulation. Plans are currently under review by LINZ for final approval.

Firewells in Motueka and Takaka Areas

All testing and clearing is now complete. A review is underway of the efficiency and locations of the Takaka firewells. Work is yet to commence on any remedial work needed on wells and upstands found during the testing programme.

Murchison Water storage Study

Works in Canton Road and Cromwell Street are now complete. A new flowmeter is to be installed at the reservoir.

Collingwood Water

All remedial works at the treatment plant have now been completed. Flushing of all mains has been completed. Work to remedy minor operational issues is complete.

The future of the old Collingwood water reservoir pond is still under review

Richmond Water Mains

Work is still underway to abandon the cast iron mains running from Easby Park to Hill Street.

The Faraday Rise water main replacement has almost been completed. The line is to be extended a further approx 40m to connect to the existing 50mm pipeline.

Opus International Consultants have submitted engineering plans and contract tender documents for Wensley Road water main upgrade. Once the documents have been reviewed the contract will be tendered.

Waimea Wells

Waimea well electrical upgrade is completed and remedial maintenance work is ongoing. The new chlorine analyser is installed in the Waimea well.

Water and Sanitary Assessments

Amendments have been made to the Water and Sanitary Services Assessment Documents to include comments following the hearing of submissions period. The report has been placed on the TDC website and copies of the document are to be made available at the service centres and libraries.

Pohara Water Supply

Consultation has commenced to gauge public interest in a water supply scheme and determine if a feasibility study will be carried out. A copy of Newsletter #1 is included in this report.

Roding Water Supply

The Tasman District Council (TDC) owns 15% of the Roding Water Supply with the Nelson City Council (NCC).

The contract TDC has for the supply of 909 m³ of water per day from the NCC supply has come up for review. TDC staff have insisted that the supply from the Roding is to be retained by the TDC.

The new rate for the purchase of the water from the NCC has been assessed at \$0.63/m³. This is an increase of \$0.59/m³ (old rate prior to the installation of the NCC Water Treatment Plant was \$0.04/m³). The new contract comes into effect from 1 August 2005. The supply of water from NCC to TDC has been stopped and will only be utilised in times of emergency.

General

Investigation is underway to identify priorities pipe renewals work required and any maintenance issues arising from contractor's reports.

6.2 STORMWATER

Richmond Stormwater

The Hebbard Place Stormwater Upgrade contract has been almost completed by Ching Contracting Ltd and the project is near practical completion. Some difficulties were experienced in the pipe bursting of the existing pipe and the contractor has remedied all resulting issues and expenses were borne by the contractor.

Ruby Bay Stormwater

Opus International Consultants have completed their preliminary design report for stormwater improvements in Stafford Drive, Ruby Bay. The report includes hydraulic modelling, evaluation of working options and preliminary design costings.

Once full review of the options is completed and TDC approval given, detailed design will proceed.

Motueka Flood Gates

Electrical upgrade work and refurbishment of the Wharf Road control gates has been completed. General warning safety signage has been ordered and will be installed by the end of this month.

Reservoir Creek Dam

Options and estimates are still being reviewed for this project and expected to be completed by the end of August.

General

A number of smaller projects are underway to remedy various minor stormwater issues. These include:

- Totara Ave, Tapawera, cross-boundary surface water overflow issues
- Arrow St/Whitby St, Wakefield, surface water runoff issues from road following realignment
- Takaka Stormwater system from SH60 through to Reilly Street, camera inspection is complete and further investigation and design is required to remedy surface flooding issues in Takaka main street
- Rowling Road , Little Kaiteriteri, permission has been obtained to clear open channels in the wetlands
- High Street South, Motueka, surface flooding issues are under investigation

6.3 WASTEWATER

Sanitary Works Subsidy Scheme

Attached is a government media statement regarding higher sewerage treatment subsidies for rural communities that was announced in late July. The statement outlines the governments change to the subsidy scheme which will allow a higher rate of subsidy for small communities with a high deprivation index, in other words communities that can't afford to establish reticulated sewerage schemes and sewerage treatment facilities. The total funding for the sewerage subsidy scheme has not been changed.

To date Council has successfully obtained subsidy through this scheme for the Pohara stage three project and is confident of obtaining subsidy for the upgrade of the Takaka Wastewater Sewerage Treatment Plan. However early indication is that Tasman District Communities will not meet the higher deprivation index required to increase the level of subsidy for small communities from 50 to 90%. It also appears possible that with greater subsidies there will be increased pressure on the total fund and Council may struggle in the future to obtain any subsidies for its community schemes. Staff are seeking clarification on these issues from the Ministry of Health.

Motueka Wastewater Treatment Plant Improvements

Work on the construction of the new sand filter disposal beds and on the upgrading and rejuvenation of the existing disposal beds, is currently on hold with the discovery of human remains. Council continues to investigate the extent utilising ground radar equipment and is working through the issues with Iwi.

The installation of new aerators and a mechanical screen has been undertaken as part of the upgrade works.

Tapawera Wastewater Treatment Plant

Upgrading of the effluent disposal system will be undertaken once resource consent has been obtained. Application for resource consent has been submitted and is currently under a Section 92 request for further information including a Cultural Impact Assessment.

Murchison Wastewater Treatment Plant

The sludge survey is now complete. Detailed design is continuing and the release of detailed design report is imminent.

Groundwater test bores have been installed at the treatment plant site so as to determine the groundwater flows. If the tests provide a positive outcome, proposed upgrading works will commence once a resource consent has been obtained. Upgrading works to the treatment plant will need to be completed by November 2005. Delays to this deadline may occur if the consent is classified as notified and/or requires further information to the application.

Takaka Wastewater Treatment Plant

The application for subsidy has been submitted for provisional funding. Consultation has commenced with affected parties as a requirement of the new resource consent and to proceed with the treatment plant upgrades. The next step is to complete the Assessment of Environmental Effects. Iwi have also requested a Cultural Impact Assessment.

Richmond Trunk Sewer main

The tender for the Richmond Trunk Sewer Main Upgrade has been advertised and closes on 15 September 2005. The contract consists sections of work with various priorities so that depending on tender prices received, priority sections can be constructed to increase the capacity of the system, with the provision to remove or delay lower priority portions of work.

Takaka Sewer Pumping System Upgrade

Tender documents for this contract have been reviewed and the contract is to be advertised for tender by the end of this month.

Peter Thomson
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