



Asset Manager's Report – November 2006

Water/Wastewater

Urban Service Applications

This year there has been a significant increase in the number of urban services applications received. Nineteen applications have been received so far in 2006, as compared to just ten in 2005.

Wastewater

Urban Sewer Network

The only issue on the sewer network this month was a blocked sewer main at Parsonage Road which was repaired.

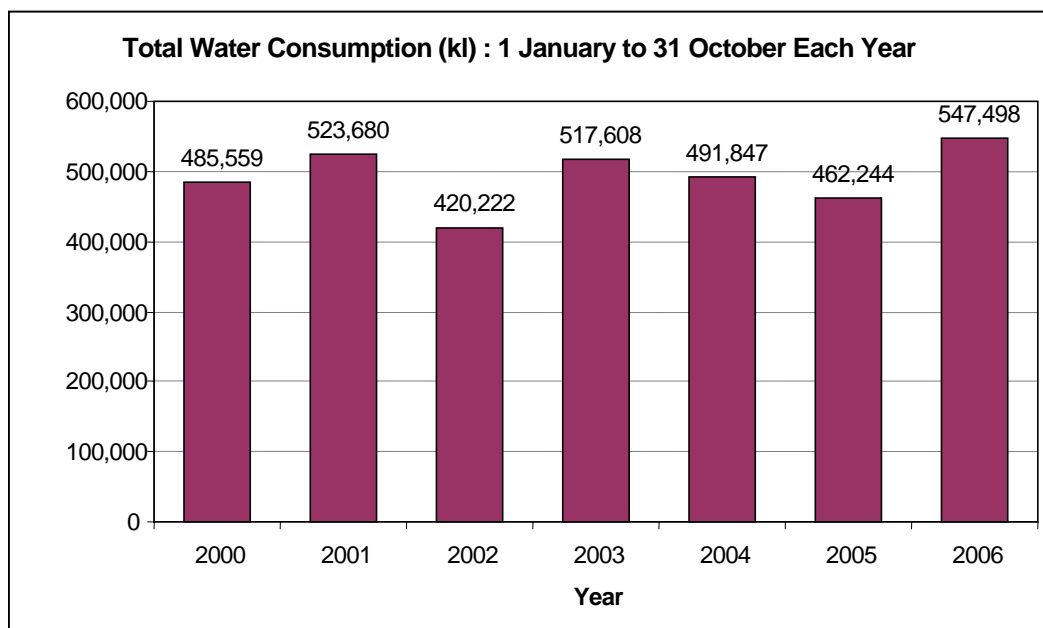
Wastewater Plant

The performance of the treatment plant remained satisfactory. There have been a few low dissolved oxygen readings at the oxidation ponds. Effluent irrigation and routine monitoring continued.

Maintenance work at the effluent irrigation farm was completed, with the boundary fences made stock-proof, a new water tank and extended connection established from the Hook-Waituna water scheme, as well as arrangements being made for a new power connection for the electric fencing.

Water Schemes

Urban Water Scheme



The data on water consumption for the urban scheme for the past 7 years (as presented in the chart) indicates that in 2006 the water usage is heading towards the highest ever recorded. There is no indication of any likely shortage in supply at the two bore sources, but an increasing trend in water use will mean that the Timaru Road bore will be used more frequently, giving rise to related aesthetic quality issues.

The Manchesters Road bore remains as the primary water source. The Timaru Road bore is being used intermittently, depending on demand.

The AVG filter for iron removal at the Timaru Road bore site was inspected and serviced by the manufacturer's technician.

Rural Water Schemes

Combined Rural Water Scheme Chairmen's Meeting

The combined Rural Water Scheme Committee Chairmen's Meeting was held on 18th October at the Local Government Centre. The performance summaries for each scheme and other general issues were discussed. The next meeting is scheduled for March-April 2007.

Waikakahi Scheme Augmentation Link from the Lower Waihao Water Scheme

A financial model was prepared by the Council staff for the proposed linking of the Lower Waihao intake with the Waikakahi scheme (outlining the costs and benefits for each Scheme) and was approved by the Waikakahi Scheme Committee during a meeting held at the Local Government Centre on 1st November. A copy of the document and a report on the meeting is attached.

The physical works for the proposed upgrade can start, subject to approval of the proposal by Council.

Cannington-Motukaika

There was a one-off incident of E-Coli transgression at source, as well as within the network, following increased turbidity and lower residual chlorine levels. The chlorine dosing was increased following this incident and repeated sampling in the following days indicated that the problem had been rectified.

No other problems were reported in the distribution network.

Hook Waituna

The provisional grading for the scheme following the MoH assessment in September shows an improvement to 'E' & 'd' from the previous 'E' & 'e' gradings. Whereas the grading of the treatment plant has remained unchanged as expected, the grading for the distribution system has improved by one level.

The scheme remained trouble-free during the month. All water samples were OK.

Lower Waihao

The renewed section of the rising main from the intake to the junction of Old Ferry Road and Glenavy-Tawai Road (approximately 2km) has been commissioned. A further 1km of this rising main remains to be completed within the next month.

No major problems were reported in the distribution network or water quality.

Otaio-Makikihi

The taste and odour problem for the source water prevails, and a public notice was issued to inform the users about the situation.

No major problems were reported in the network; all water samples tested were OK.

Waihaorunga

All water samples tested were OK.

Waikakahi

During the month there was an incident of clogging of the intake filter with leaves blown in by the wind, resulting in pumping of some muddy water into the reservoir and through the distribution system. This caused temporary taste and odour problems through out the network for a few days until the muddy water was flushed out of the system.

All water samples were OK.

Downlands

Nothing to report on the Downlands Water Scheme. Arrangements are in hand for S Unni to have a briefing meeting with the supervisory staff for this scheme at Timaru DC.

Roading

Work Completed

Drainage Maintenance

Hakataramea Valley Road
Moorland Farm Settlement Road
Crowes Road
Morven Beach Road
Glenavy Tawai Road, constructed soak pits

Seal Repairs

Morven Glenavy Road, constructed Short Overlay
Hakataramea Valley Road

Unsealed Road Repairs

Hakataramea Pass, Gormans Roads
Mairos Road , filled and resurfaced low section of road

Work Programmed

Seal Repairs Reseal Programme

St.Andrews Streets,Makikihi Beach Road, Lower Hook Road Old Ferry Road

Unsealed Road Repairs

Hurstlea Road Repair Concrete Ford

Table Top Rd install culvert

Mt Florence Road Repair culvert headwall

Waste

Resource Recovery Park Patronage

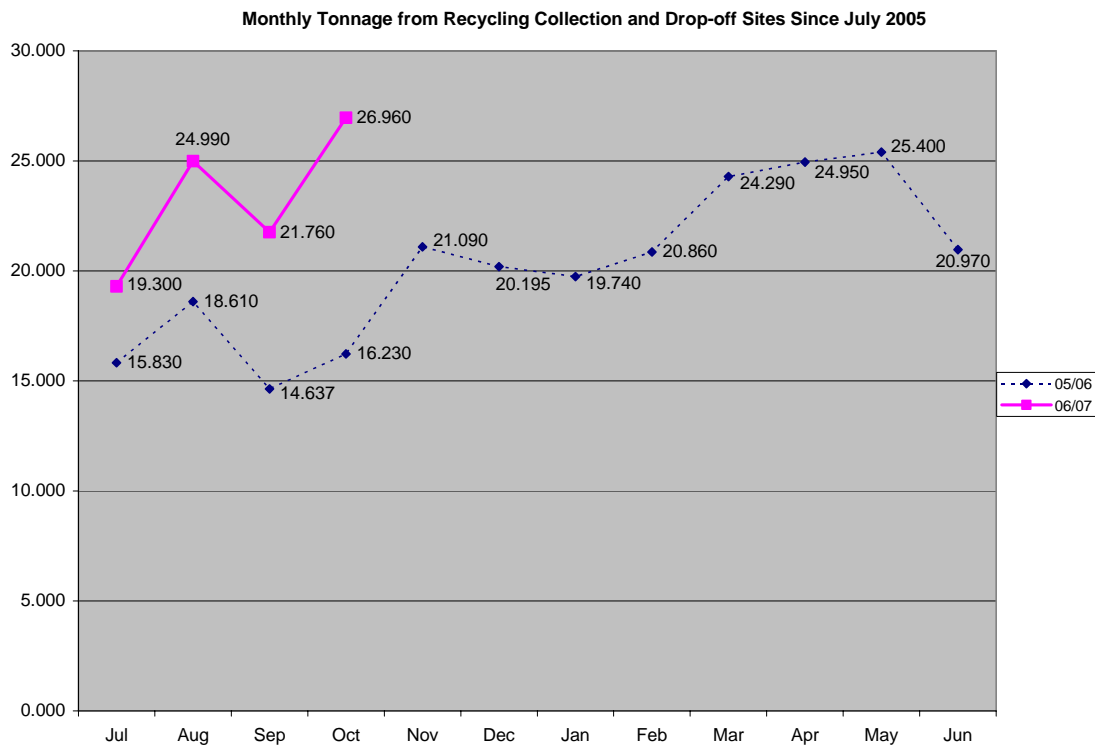
Figures for the Resource Recovery Park show patronage and revenue have increased from the comparable period last year:

	1 Jul - 31 Oct 2005	1 Jul - 31 Oct 2006	Increase
Total Revenue	\$7864.62	\$8417.17	7%
Maximum Vehicles per Day	40	54	35%
Average Vehicles per Day	14.7	18	22%
Total Vehicles	1190	1912	61%

Revenue is projected to exceed \$25,000 for this financial year.

Increase in Recycling Tonnage

For the first 4 months of this financial year the tonnage from the recycling collection has increased 42%, from the comparable period last financial year (see chart below):



	2005	2006	Increase
Tonnes of recyclables collected 1 Jul - 31 Oct	65.3	93	42%
Tonnes of recyclables collected 1 Jul - 30 June	242.8	290 (projected)	19%

These totals include substantial volumes from the rural drop-off sites and show a pleasing trend.

Reduced Tonnage to Landfill

Tonnage to landfill continues to reduce when compared with the same period last year.

Tonnage Landfilled for the 12 months ending	30 June 2005	31 Oct 2006	Decrease
	2396	2,099	14%

This is the lowest figure since accurate records became available in February 2000, when Waimate district began utilising Redruth Landfill. The comparative 12-month period, 1 July 2004 to 30 June 2005 was chosen, as it was the last period before kerbside recycling began.

General

Staff Activity

B Purcell attended the biennial conference of WasteMINZ-the Waste Management Institute of NZ Annual Conference in Christchurch 8/9 Nov 2006.

G Hamilton attended an IPENZ Land Transport Management Act Seminar in Christchurch- 26th Oct 2006.

G Hamilton/S Unni attended a coordination meeting of the Asset Managers of Mackenzie DC and Timaru DC held in Fairlie-9th Nov 2006.

Rural Fire

The South Canterbury Rural Fire District proposes boundary amendments and constitution changes which are to be notified in Timaru Herald on 4th & 11th November 2006. Objections close Monday 4th December 2006 and copies have been made available at Waimate District Council.

G Hamilton
Asset Manager

10th November 2006