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# Asset Manager's Report - May 2007

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## WATER/WASTEWATER

### Wastewater

#### Urban Sewer

No major problems arose with the network or treatment plant during the month. The E-Can monitoring report of the sampling and lab tests in April 2007 indicate minor non-compliance with two parameters.

The video output from the closed circuit TV survey done some years ago on the urban sewer network is now digitised and linked to GIS, allowing staff to view the inside of a sewer pipe at any surveyed location with just a mouse-click on the computer screen.

### Water Schemes

#### Urban Water Scheme

The urban water scheme functioned trouble-free during the month.

#### Rural Water Schemes

##### **Combined Rural Water Scheme Chairmen's Meeting**

The second meeting for the financial year 2006-07 was held at the LGC on 18th April 2007. The financial statements for 2006-07 and the budget and recommended water rates for 2007-08 were tabled. Other items on the agenda included progress on the Waikakahi scheme augmentation, update on NZDWS 2005 and the Ministry for the Environment publication on Sources of Human Drinking Water, scheme valuations and Asset Management Plans, SCADA upgrade, progress in Operation & Maintenance Manuals, distribution of the brochure on rural water schemes, and the change of the by-law for Downlands Water Scheme.

##### **Cannington-Motukaika**

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

##### **Hook Waituna**

The screen at the Hook intake gets clogged on a recurring basis, especially during days of excessive rain, causing disruption and contamination to the supply of water. The distribution was disrupted and an incident of E-coli transgression was reported in the first week of May. To address the situation the intake was shut down during the time when excessive turbidity prevailed and the residual chlorine level was increased once the supply resumed.

##### **Lower Waihao**

A new magnetic flow meter is being installed at the Ferry Road intake, to keep the record on the rate of pumping.

Two leaks in the gravity main were repaired. No other major problems were reported for the scheme.

**Otaio-Makikihi**

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

**Waihaorunga**

The damaged pump at the intake is now replaced with an identical 7.8 kW submersible pump.

All water samples tested were OK.

**Waikakahi**

It is anticipated that the new Lower Waihao link to the Dog Kennel Hill reservoir will be operational by the second week of May, with the power connection to the new booster pump station made operational on 11th May 2007. An onsite news interview & photo shoot by the Otago Daily Times reporter on the 19th April 2007 resulted in news reports published in the Otago Daily Times and the Waimate Advertiser.

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

**Downlands**

Nothing to report.

## ROADING

### Work Completed

**Drainage**

Kaiwarua Road Culvert Maintenance and replacement  
Bussells and Backline Roads concrete ford repairs

**Area Wide Pavement Treatment**

Serpentine Valley Road near SH 82 400m  
Kaiwarua Road shape and metal last 500m section

**Minor Safety Project Sealing Railway Crossing**

Galletlys Road railway crossing has been sealed in conjunction with the Pareora Stock Effluent Disposal Facility being constructed by Whitestone Ltd. for Transit NZ.

### Work Programmed

**Drainage Maintenance and Culvert Replacement**

Galways, Cannington, Neals, Moa, and Backline Roads

**Pavement Repair**

Cannington Road, Pentland Hill Road

**Unsealed Road Metalling**

The metalling programme will be completed in May and April, starting with Upper Pareora and Elephant Hill areas.

**Area Wide Pavement Treatment**

Serpentine Valley Road 300m west of Armstrongs Road, shape correction of curve for a length 180m .

**Bridge Repairs**

Lanes Bridge Kaiwarua Road, repair handrail and wide approach.

**Signs**

Erect Ice Warning signs

Additional destination signs Hakataramea Pass Road

**Contract 06/2 Footpath and Kerb and Channel construction**

The contract for the construction of footpath and kerb and channel on Queen Street and footpath renewal on Wilkin Street is in progress.

## SH 1 Proposed Passing Lane St Andrews

Opus International Consultants are investigating the provision of passing lanes on State Highway 1 north of St. Andrews (see attached letter), for Transit New Zealand. They are seeking the opinion of Council of the possibility of closing the Lyalls Road access to SH 1 for safety reasons.

The following issues have been discussed with the consultants.

- The long length detour required.
- The recent subdivision and new houses on Lyalls Road.
- The proposed subdivision on Lyalls Road
- The sight distance at the Lyalls Road/SH 1 intersection.
- The washover fords on Lyalls Rd and Middle Pareora Road which can close these roads due to flooding.

## Maintenance Contract

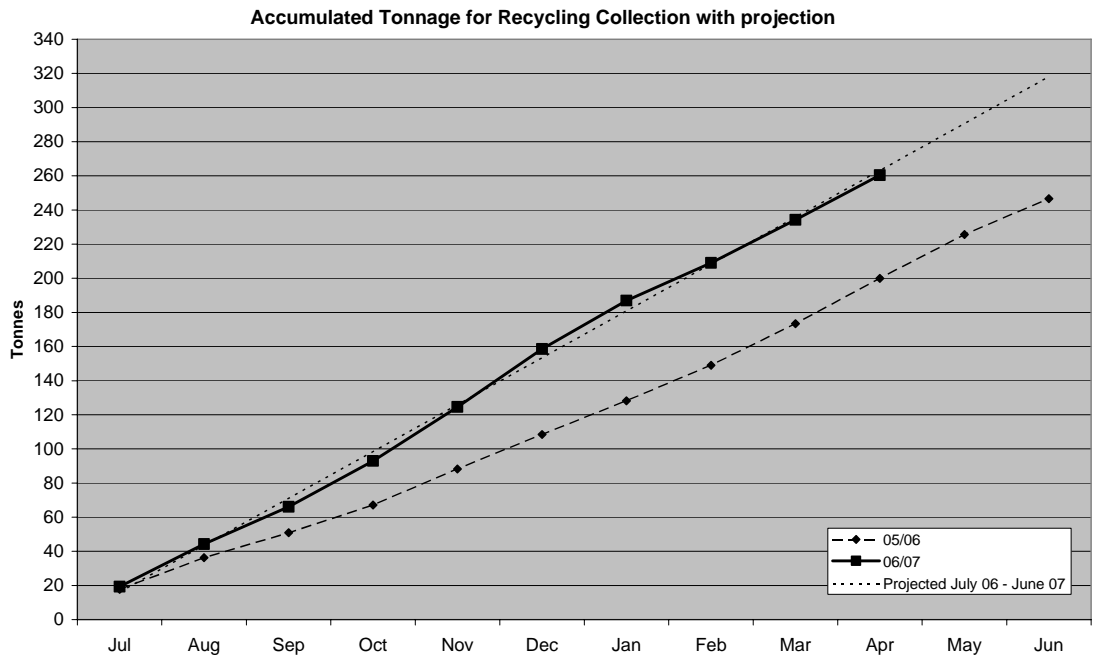
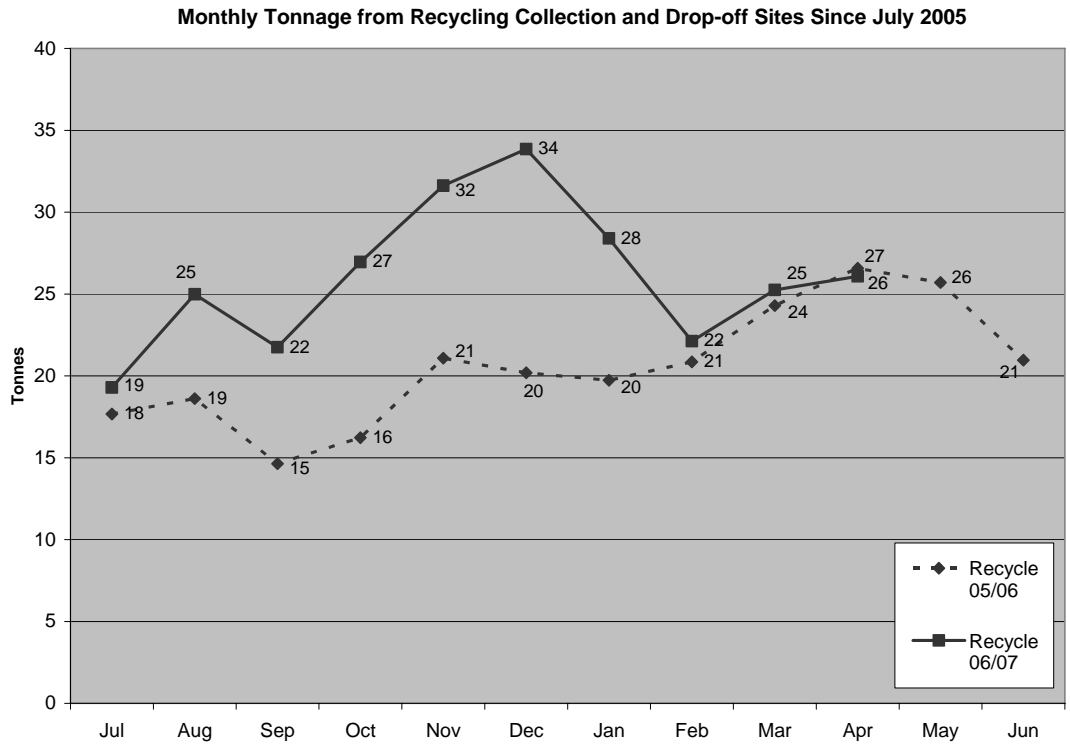
The network maintenance contract with Works Infrastructure, due to terminate on 1st July 07, is currently under negotiation for a possible one year extension, under the terms of the contract. This will be reported as a separate agenda item.

## WASTE

## Monthly Tonnage for Recycling Collection

For the first time this financial year, the tonnage of recyclables collected this month was lower than the comparable month last year: 26.1 tonnes vs. 26.6 tonnes.

Tonnage from the recycling collection for the first 10 months of this financial year has now surpassed last year's full-year tonnage, with 260 tonnes i.e. an increase of 30% from the comparable period last financial year. A projected figure of approximately 320 tonnes for the July 06 – June 07 period is anticipated (see charts below):



It is noted that the volume of recyclables being dropped-off direct to the RRP by businesses and residents, has continued to increase and is approximately 5 tonnes per week.

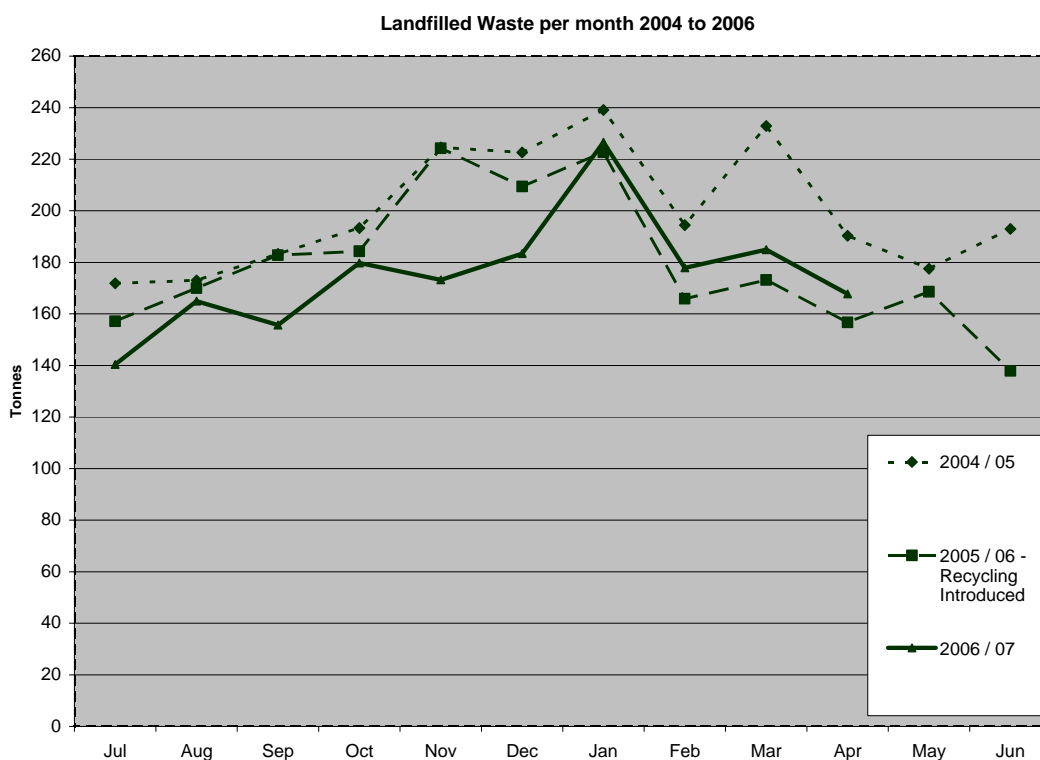
#### Tonnage to Landfill

Tonnage to landfill for the month of April 2007 was 167.8 tonnes compared to 156.7 for the comparable period last year (see chart below).

The last 4 monthly tonnages have exceeded the previous years comparable period, reversing the recent trend of lower tonnages. The lowest tonnage for a 12 month period, since Waimate's waste began to be landfilled at Timaru, is 2022.4 tonnes for the Jan – Dec 2006 period.

Tonnage landfilled for the 12 month period ending:

<b>30 June 2005</b>	<b>30 April 2007</b>	<b>Decrease</b>
2,396	2,061	14%



## St Andrews Waste Options

It had been anticipated that the recycling drop-off site would be transferred to the new site in Kane Lane, opposite St Andrews School, before the end of April. This move had been initiated by the Ratepayers' Association late last year. However, communication with the St Andrews School Board's representatives and the Headmaster was concluded with an onsite visit on Friday 4<sup>th</sup> May 2007. This meeting was also attended by G. Inkersell of the Ratepayers' Association, and B. Purcell. Suffice to say, there was now no longer support for this location and staff would recommend that the status quo remain i.e. that the recycling bins remain at the existing Village Green site, with possibly one or two additional bins to prevent overflowing that has occurred from time to time.

Options for a greenwaste drop-off site have been investigated. A very cost effective solution has been found. A local business has agreed to accept suitable greenwaste from local residents free of charge. It will shred the material at their own cost, and will use it beneficially on their property, thus avoiding transport costs. The business has asked Council to fund the construction of a sign, outlining site hazards and tenants of service. With no ongoing costs to ratepayers, this represents an excellent solution for residents and Council.

## Recycling Options for Businesses

Whitehorse Recycling has contacted businesses with options for the collection of recyclables, at a contracted rate. The survey forms have been collected during the first week in May and will be collated.

A range of reactions have been encountered with many businesses under misapprehensions as to what service they currently pay for and what they are entitled to. A copy of the letter and survey form circulated to businesses, is attached for your information.

## GENERAL

### Staff Activity

- Shared Services Across Local Government. G Hamilton presented his findings from the SOLGM Seminar on Shared Services to the Council Workshop on 1<sup>st</sup> May 2007.
- Asset Management Plans. The Transportation plan update is approx. 80% completed by Opus Consultants. The three yearly Water/Wastewater Valuation and AMP update have been started by Beca Consultants, while the three yearly Potable Water Valuation and AMP have been started by Opus Consultants.
- Water Policy for the Region. Following an initial meeting by water users to discuss progress on a coordinated response to ECan's NRRP on water quality and attended by S Unni on 23<sup>rd</sup> March 2007. G Hamilton attended a second meeting at Selwyn DC on 4<sup>th</sup> May 2007. Those attending this meeting included Local Authorities (Ashburton, Selwyn, Waimate, Irrigation companies -NZ Irrigation and Waimakiriri Irrigation, Hurunui Irrigation- Federated Farmers, and Trustpower. Timaru DC had been represented by their Mayor at an earlier meeting, and Mackenzie DC had expressed interest. Christchurch City was informed of the initiative but choose to remain silent. A general consensus was that the ECan legislation was controlling rather than enabling. Larger users were keen to promote augmentation schemes (dams) for longer term stability and growth. The conclusion was that an executive statement would be prepared for consideration (perhaps with a sign-off meeting around 1 June 2007), and then possible use by those represented, and LA's and agencies were then in a position to add considerations specific to their own areas of interest for the ECan NRRP hearings scheduled in June/July 2007.

In addition, the Selwyn DC water engineer has taken a lead role in seeking input and response to the Central Government initiative on a National Policy Statement (NPS) on Fresh Water Management Principles that Central Government hope to adopt by Nov 2007. There was a meeting at ECan on 30<sup>th</sup> April 2007 on this subject chaired by Mayor Lawrence Yule. Further meetings will be held in Wellington and attended by Hugh Blake-Manson, water engineer for Selwyn DC.

G Hamilton  
**Asset Manager - 4<sup>th</sup> May 2007**