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# Asset Manager's Report – July 2007

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## WATER/WASTEWATER

### Water and Wastewater Assets Valuation and Asset Management Planning

The consultants have submitted the draft reports on valuation and asset management plans for potable water and wastewater. The drafts are currently being reviewed by WDC staff.

### Wastewater

#### Urban Wastewater

The draft annual report on the Waimate wastewater treatment plant and effluent disposal system was submitted to E-Can. The average effluent discharge per day shows an increase for the year (720 kL/day during 2006-07 as against 516kL/day and 507kL/day during the previous two years). This could be partially due to excess rainfall and partially because the pond bed becomes more seepage-proof with use. The performance of the treatment plant was up to expectations.

The urban sewer network and the treatment plant did not have any major problems during the month.

### Water Schemes

#### Urban Water Scheme

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

The demand has eased during winter as expected. Generally the water consumption for the year 2007 so far has been the lowest since 2002.

#### Rural Water Schemes

There had been a few problems across all rural water schemes due to the cold weather, mostly affecting the frost plugs on the restrictor.

#### **Cannington-Motukaika**

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

#### **Hook Waituna**

A new 2.2kW Grundfos pump was installed at the booster pump station at Triangle Road, as the old pump failed. No other major issues were reported for the scheme

#### **Lower Waihao**

The recurring problems with A/C pipes continue, with another leak in the gravity main repaired this month.

The link with Waikakahi RWS is working seamlessly, with some 180 m<sup>3</sup>/day of water from the Ferry Road intake being delivered to Waikakahi each day.

There were no issues with water quality during the month.

#### **Otaio-Makikihi**

The transducer that communicates the reservoir level to SCADA got damaged due extreme cold weather, and had to be replaced. No other major problems were reported in the network or water quality.

#### **Waihaorunga**

No major problem was reported; all water samples tested were OK.

#### **Waikakahi**

A total increase of over 230 kL/day has so far been effected as part of the scheme upgrade.

A major breakage of the high-pressure water main across Elephant Hill Road earlier this month was repaired.

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

#### **Downlands**

There has not been anything to report on the Downlands water scheme.

#### **SCADA System**

The computer supporting the new SCADA system developed a hardware fault that was extremely trying to diagnose. New computer componentry seems to have cured this problem this last week (week beginning 9<sup>th</sup> July 2007).

## ROADING

### Work Completed

#### **Drainage**

Culverts have been installed on Andersons and Morven Glenavy Roads.

#### **Pavement Repair**

Morven Glenavy area.

#### **Unsealed Road Metalling**

Metalling has been completed in the Hakataramea and Otaio areas and in progress in the Waihaorunga area.

#### **Seal Widening**

Morven Glenavy Road (Archibald to McLeays).

#### **Ice Control**

Ice control using grit and CMA deicer is on going.

## Work Programmed

### **Drainage Maintenance and Culvert Replacement**

Drainage Maintenance is programmed for Old Ferry and Gumtree Flat Roads. A precast Box Culvert has been constructed for the end of Englebrechts Road to alleviate a flooding problem, this will be installed soon.

### **Pavement Repair**

Morven Glenavy area.

### **Contract 06/2 Footpath, Kerb and Channel Construction**

The Wilkin Street Footpath renewal been completed.

Construction of footpath and kerb and channel on Queen Street, a requirement of resent subdivision (from Hillary Street for 160m), has been completed except for shoulder sealing. Footpath renewal on Queen Street adjacent to the Local Government Centre has been postponed to September. The contractor has gone beyond the required completion date.

## Sign Damage

There has been further vandalism of signs with some direction signs deliberately run down and some sign posts have been sawn up with a chainsaw. The area most affected is Otaio/Bluecliffs and Backline Rd. This activity creates a hazard for road users and an increasing cost to Council. If the people responsible can be identified, costs will be recovered.

## SH 1 Proposed Passing Lane at St Andrews

Opus International Consultants are investigating the provision of passing lanes on State Highway 1 north of St. Andrews, for Transit New Zealand. At this stage, the proposal is for dual passing lanes on the State Highway and safety improvements on Lyall Road with the restriction of some turning movements at this intersection. A plan of the Lyall Road intersection is attached for consideration and/or comment.

## Transportation Asset Management Plan

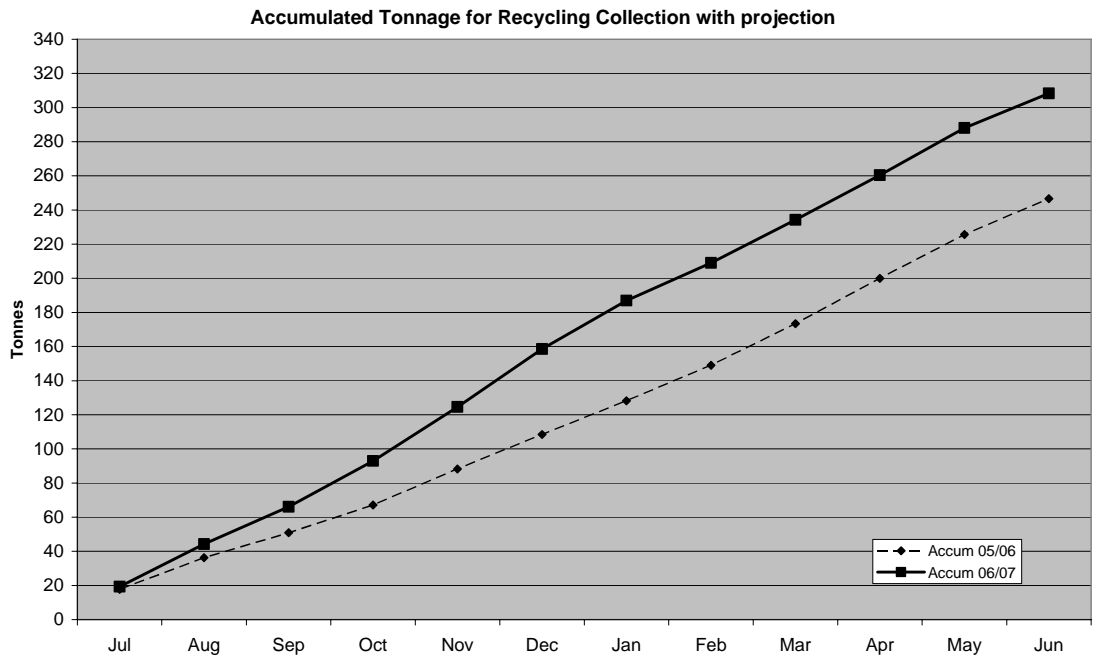
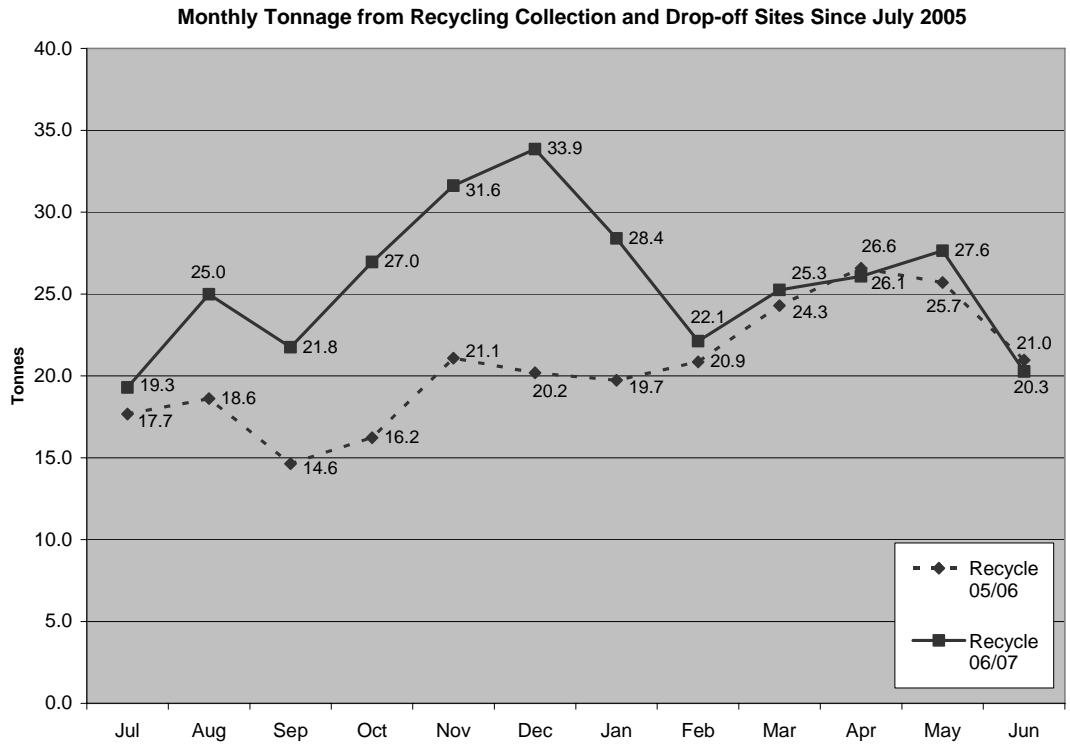
Work continues on the refinement of the draft of this plan which should reach completion in approx. a month.

## WASTE

### **Monthly Tonnage for Recycling Collection**

The tonnage of recyclables collected this month exceeded the comparable month last year i.e. 20.3 tonnes vs. 21.0 tonnes.

Tonnage from the recycling collection for this financial year totalled 308 tonnes i.e. an increase of 25% over last financial year. The chart below compares the monthly and accumulative tonnages for the two years the recycling collection has been in operation:



A report will be submitted shortly which analyzes material recycled at the Resource Recovery Park from all sources.

**Tonnage to Landfill**

Tonnage to landfill for the month of June 2007 was 152.3 tonnes compared to 137.9 for the comparable period last year. (see chart at the bottom of this section).

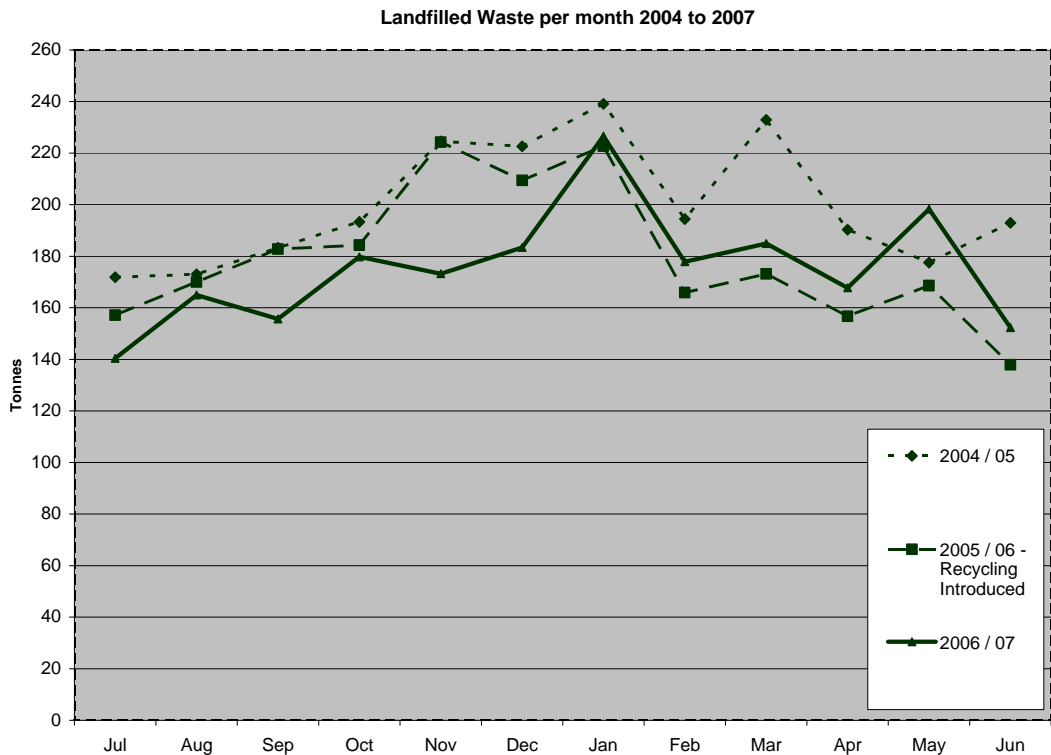
The lowest tonnage for a 12 month period, since Waimate's waste began to be landfilled at Timaru, is 2022.4 tonnes for the Jan – Dec 2006 period. Since December 2006 the monthly tonnages have exceeded the previous years comparable period, by the following:

Month	Tonnes
Jan 2007	+ 3.89
Feb 2007	+11.98
Mar 2007	+11.82
Apr 2007	+11.02
May 2007	+29.71
Jun 2007	+14.47

It must be noted that the present tonnage being landfilled is still substantially reduced from pre-recycling levels.

Tonnage Landfilled for the 12 month period ending:

30 June 2005	30 June 2007	Decrease
2,396	2,105	12%



### St Andrews Waste Options Resolved

A suitable fence has been erected on the Village Green to shield the recycling bins, as agreed with the St Andrews Ratepayers Association. Additional bins have been provided to lessen the likelihood of overflowing. The site will continue to be monitored.

The drop-off of selected greenwaste to Aroha Organics' drop-off site, commenced from mid June. St Andrews' residents received a brochure, notifying them of the once-a-week service. No problems have been notified to date, and the process seems to be a mutually beneficial solution. At this stage, the service will be offered only to residents within the St Andrews township.

## Rural Recycling Drop-off Sites

The patronage of these sites has increased over recent months, and these continue to be monitored.

## GENERAL

### Staff Activity

- Cattle Creek Society. G Hamilton, R Moffat, J Kerse attended a meeting of this group at the Cattle Creek Hall on 4<sup>th</sup> July 2007 together with Councillor P McIlraith, to provide a background and update on roadworks in this more remote area of the District.
- MOT's "Next Steps" (Merger of LTNZ + TNZ, under the MOT). There has been a flurry of activity from MOT and two related items are attached. G Hamilton attended a Wellington briefing to the LGNZ Transport Reference Group on 29<sup>th</sup> June 2007 by the MOT policy study team who are to have legislation drafted by Sept 2007, to be passed into legislation early 2008, and to be implemented 1 July 2008. A further briefing will have been made available to LGNZ Conference Delegates on 17<sup>th</sup> July 2007. Key issues seem to be streamlining of process, ring-fencing of related taxes/levies, and clarification of where regional priorities will be decided.
- New Fire Legislation. The Mayor, Councillors Townend and Balchin, and G Hamilton were involved in meetings with SCRFD, and a submission on the proposed legislative changes submitted by the 30 June 2007 deadline.
- Meridian Resource Consent Submission. G Hamilton and S Unni prepared and submitted a paper by the 25<sup>th</sup> June 2007 deadline to protect Waitaki River dependent drinking water sources for current and longer term demand. This will be heard as a part of the Waimate submission on this subject.

G Hamilton  
**Asset Manager - 13<sup>th</sup> July 2007**