
Asset Manager's Report - July 2008



WATER/WASTEWATER

Urban Sewer

Sewer network and treatment plant operations OK.

Sewer extensions

Timaru Road:

The Stage 1 proposal now remains to be presented to the rate-payers to ensure their support and signing up commitment.

Water Schemes

The Urban Water Scheme

The new chlorine analyzer at Manchesters Road is now integrated with the SCADA system and functioning trouble-free.

The USU staff is actively involved in a leak reduction programme that has started to show results. The lowest night-time flow has come down to around 10 L/sec, indicating that the unaccounted-for water could be around 5 ~ 6 L/sec as compared to the summer time estimate of around 12 L/sec.

Rural Water Schemes

Cannington-Motukaika

No major problems; all water samples were OK.

Otaio-Makikihi

Teschmaker Bush Extension:

Gregan Dairying Ltd has now confirmed that they will be requiring 75,000 L/day at their dairy farm. A new pipe line along Sodwall Road is now being installed to supply this quantity of water.

The scheme did not have any major problems in the network or water quality.

Hook Waituna

No major incidents; all water samples were OK.

Lower Waihao

A spare booster pump is being purchased for the Pikes Point Road pump station. The main pump at the Ferry Road intake is showing reduced efficiency, possibly caused by grit damage; this is being monitored.

All water samples were OK.

Waikakahi

No major problems in the scheme to report; all water samples were OK.

Consent application for dairy effluent discharge GSI Trading:

The Waikakahi RWS committee members, Council representatives, and staff met with GSI Trading (the Isbister family) and their consultant on 4th July 2008 to seek an impasse to the lengthy delay (140 days) that they have encountered in their resource consent application to ECan. There is hope that resolution can be reached without further lengthy delay. The committee members continue to seek assurance of water quality being maintained at the intake, downstream of this farm.

Waihaorunga

There was another incident of positive E-Coli last month. The cause was traced to insufficient chlorine levels, and was rectified.

Downlands

Nothing to report on the Downlands scheme.

ROADING

ROADING Work Completed**Drainage**

Veritys Road- a Twin 900mm culvert has been installed, and surface water channels constructed

Bridge Road Culvert replaced

Studholme Settlement road- a 300 mm culvert has been replaced.

Braddon Street St Andrews- surface channel access crossings have been upgraded with minor seal widening.

Pavement Repairs

Morven Area General Repairs

Metalling

Maintenance metalling of unsealed roads in the Upper and Lower Pareora Wards has been completed

Concrete Ford Repairs

The concrete ford on Lower Hook Road has been widened to two lanes, and concrete pavement repairs completed.

Minor Safety**Safety Footpath.**

Point Bush Road (Garlands Road South for 150m)

High Street (End of Kerb & Channel to Browns Road) In progress

Browns Road (High Street to Golf Club car park) In progress

Formation Widening

The formation of Mt Harris road has been widened on a narrow section road above the Waihao River. This included gabion construction to stabilise a short length of road shoulder and some drainage construction.

Vegetation Control

Tree trimming has been completed on Middle Ikawai Road. Gorse and Broom has been removed from Cashel, Oxford, Bond and Regents Streets in conjunction with drainage maintenance.

Work Programmed

Pavement Repairs

General pavement repairs

Unsealed Road Metalling

Complete the maintenance metalling of unsealed roads in the Deep Creek Area.

Drainage

Parsonage Road- install new and replacement culvert
Waimate Hunter Road-replace culvert near Gunns Road

Point Bush Road

A turn round area for vehicles will be constructed at the end of Point Bush Road.

Roughness Survey

Road Info Ltd has been engaged to complete the bi-annual road roughness survey of sealed roads.

General

Maunsells are undertaking an update of the Stormwater Asset Management Plan and Valuation to the end of June 2008, as part of the triennial requirement for Audit NZ.

Land Transport NZ Waimate District Road Safety Report 2003 to 2007

Briefing notes - road safety issues- Report Attached



New Zealand Government

briefing notes - road safety issues

Waimate District

Land Transport New Zealand has prepared this road safety issues report. It is based on reported crash data and trends for the 2003–2007 period.

The intent of the report is to highlight the key road safety issues and be a resource to help identify possible ways to reduce the number of road deaths and injuries in Waimate District.

This report is the ninth road safety report for Waimate District. All the material unless otherwise stated in this report applies to both local roads and to Transit New Zealand (Transit NZ) roads.

In each new report one year's data is added to a five year block and the oldest dropped so it is unlikely that the core issues would change radically from report to report.

The issues chosen for this report are drawn from either the most common crash types, those that appear over-represented when Waimate District is compared to similar local bodies or those with high social cost (high numbers of fatal and serious crashes mainly). We have included a brief overview of crashes in the district.

We encourage local bodies to use the free access to the Ministry of Transport's Crash Analysis System to delve deeper into the highlighted issues.

Major road safety issues

Waimate District

Loss of Control

2007 road trauma

Casualties

Waimate District

Deaths	2
Serious casualties	11
Minor casualties	40

Nationally

Speed
Alcohol
Failure to give way
Restraints

Crashes

Waimate District

Fatal crashes	2
Serious injury crashes	8
Minor injury crashes	26
Non-injury crashes	33

Loss of Control

Between 2003 and 2007 64 percent of all injury crashes in Waimate District involved loss of control. These crashes resulted in 7 fatalities, 33 serious injuries and 89 minor injuries.

Annual crash numbers can vary considerably year to year. There were 50 such crashes in 2007.

Loss of Control Crashes 2003 to 2007

Crash year	Fatal crashes	Serious crashes	Minor crashes	Non-injury
2003	1	2	10	13
2004	2	6	7	15
2005	2	7	5	14
2006		2	9	11
2007	2	5	18	25
Total	7	22	49	78

Most loss of control crashes occur when a driver loses control of their vehicle and either runs off the road or collides with another vehicle.

After drivers lose control their vehicles often crash into roadside hazards such as ditches, banks, poles or trees. Hitting these objects can result in a relatively minor off-road event turning into something far more serious.

The three most common roadside hazards struck in these injury crashes in Waimate District were fences (25), poles (10) and ditches (10) from a total of 70 objects struck.

Main characteristics of injury loss of control crashes

Crash characteristic	Percentage of crashes
Bend	56%
Straight road	44%
Single vehicle	82%
Alcohol	19%
Excessive speed for the conditions	24%
Road factors	15%
Poor handling	47%
Rural road	88%
Wet road	19%
Night time	37%

Further information about injury loss of control crashes (2003 to 2007) on local roads in Waimate District :

- 2 deaths, 13 serious injuries and 36 minor injuries
- 79 percent of at fault drivers were male
- Most common crash type "Bend - lost control / head on"
- Most common driver age group 15 - 19 years
- 31 percent of crashes involved alcohol
- 31 percent of crashes involved speed
- Worst month April, October
- Worst day of week Saturday
- Worst time period 3 pm to 6 pm

Further information about injury loss of control crashes (2003 to 2007) on Transit NZ roads in Waimate District :

- 5 deaths, 20 serious injuries and 53 minor injuries
- 60 percent of at fault drivers were male
- Most common crash type "Straight road - lost control / head-on"
- Most common driver age group 15 - 19 years
- 12 percent of crashes involved alcohol
- 20 percent of crashes involved speed
- Worst months March, June
- Worst day of week Saturday
- Worst time period 3 pm to 6 pm

National issues

This section contains some brief information on the key national road safety issues as measured in Waimate District. They may have been covered elsewhere in this document or not be a specific issue.

Speed

In Waimate District, "too fast" was recorded in 20 fatal and injury crashes in the district in the last five years resulting in one death and 28 injuries. Speed related crashes in the district increased from 2003 to 2007.

76 percent of speed-related crashes were lost control / head-on on a bend. Poor handling, alcohol and poor observation were the other driver factors most often associated with speed in injury crashes.

81 percent of at fault drivers in these injury crashes were males. The most common ages of these drivers were between 15 to 24 years.

Alcohol

In Waimate District, alcohol was involved in 19 fatal and injury crashes in the district in the last five years resulting in one death, and 26 other injuries. The number of injury crashes involving alcohol may be reducing.

68 percent of all alcohol crashes were in rural areas of the district. 55 percent these were lost control / head-on on a bend. Poor handling, too fast and poor observation were the other factors often associated with alcohol in injury crashes.

80 percent of at fault drivers in these injury crashes were males.

Failure to give way

In Waimate District, failure to give way or stop was reported in 13 fatal and injury crashes during the last five years resulting in 1 death and 17 other injuries.

Poor Observation was the driver factor most often associated with failure to give way in injury crashes.

50 percent of at fault drivers in these injury crashes were males. The most common ages of these drivers were between 30 to 49 years

Restraints

The Ministry of Transport conducts surveys of restraint use. The results of these surveys are at a regional level, and may not be fully appropriate to a Territorial Authority. The results are obtainable from the Ministry of Transport website.

<http://www.transport.govt.nz/belts-index/>

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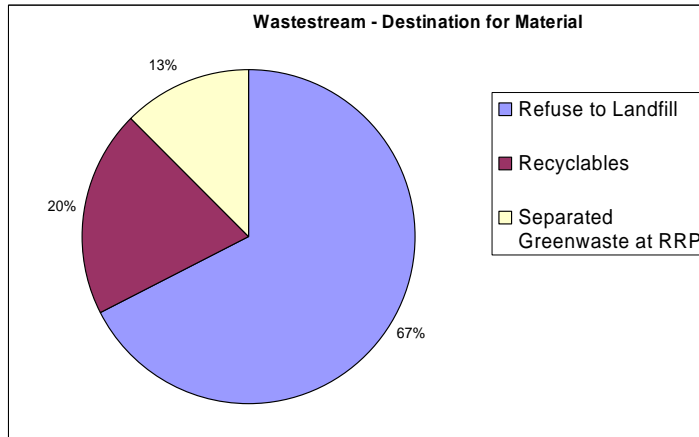
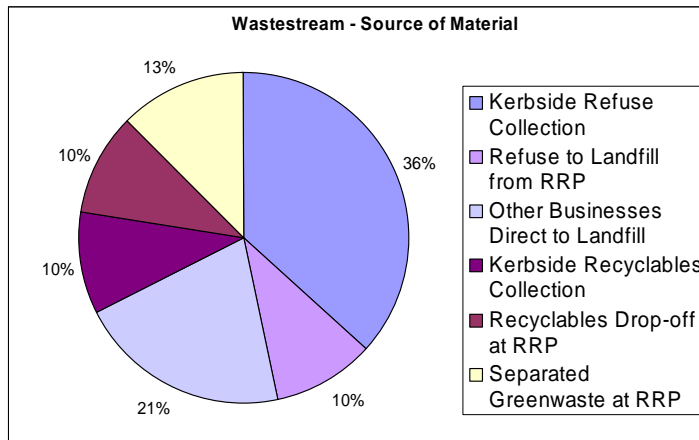
WASTE

Monthly Tonnage for Recycling Collection

The tonnage of recyclables collected for June 2008 was 28.7 tonnes, exceeding last year's comparable month which was 20.3 tonnes.

Tonnage from the recycling collection for the financial year totalled 398 tonnes compared to 308 tonnes for the comparable period last year, a 29% increase. An additional estimated 400 tonnes per year of recyclables will be taken directly to the Resource Recovery Park.

The total of 798 tonnes of recyclables represents 20% of the 2007/08 waste stream, currently totalling 3986 tonnes including separated greenwaste, or 23% if separated greenwaste is excluded. This is represented in the pie charts and data tables below.



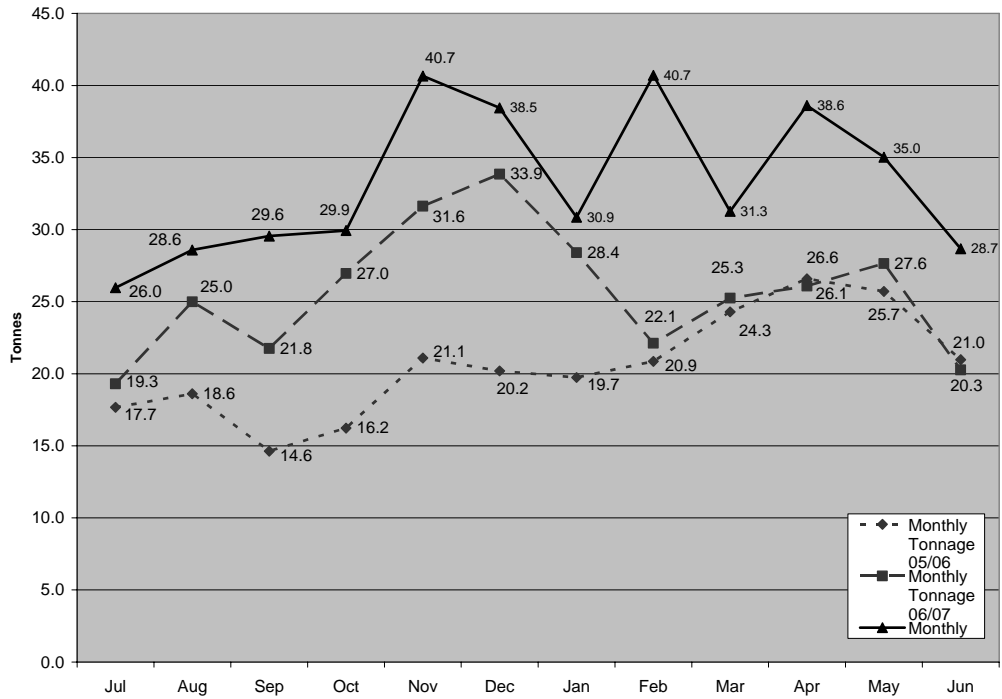
Wastestream - Source	Tonnes	%
Kerbside Refuse Collection	1456	36.53
Refuse to Landfill from RRP	408	10.24
Other Businesses Direct to Landfill	824	20.67
Kerbside Recyclables Collection	398	9.98
Recyclables Drop-off at RRP	400	10.04
Separated Greenwaste at RRP	500	12.54
Total	3986	100.00

Wastestream - Destination	Tonnes	%
Refuse to Landfill	2688	67.44
Recyclables	798	20.02

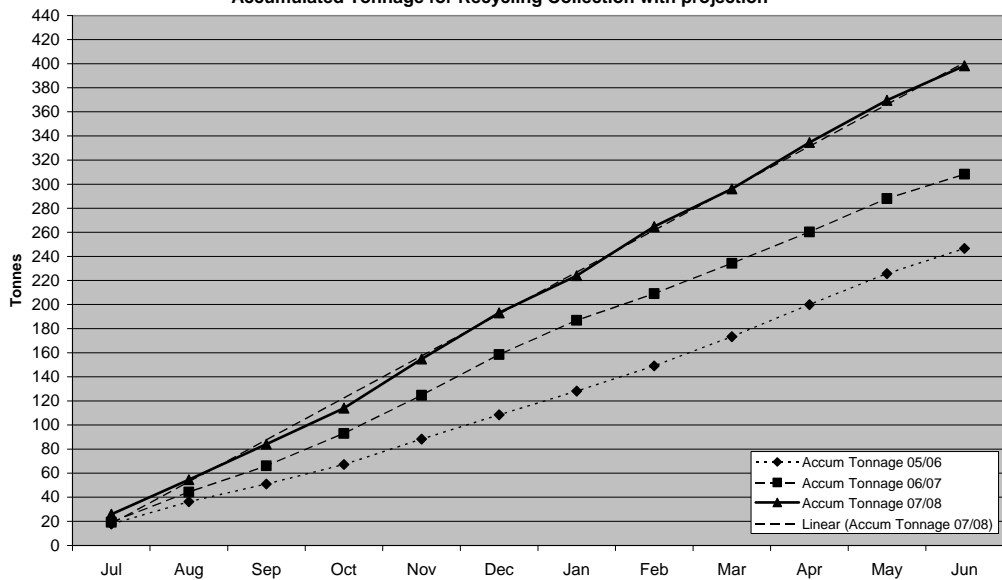
Separated Greenwaste at RRP	500	12.54
Total	3986	100.00

The charts below compare the monthly and accumulative tonnages for the thirty six months the recycling collection has been operating:

Monthly Tonnage from Recycling Collection and Drop-off Sites Since July 2005



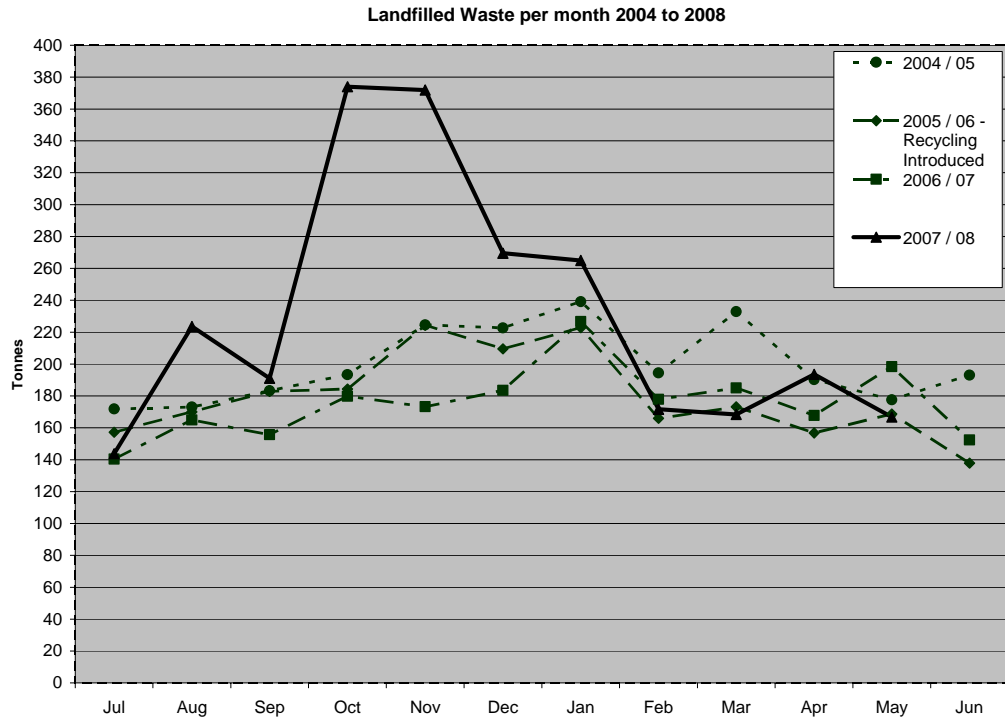
Accumulated Tonnage for Recycling Collection with projection



Tonnage to Landfill

Tonnage to landfill for the month of June 2008 was 98.30 tonnes, compared 98.18 tonnes for the comparable month last year, as recorded by the Timaru Landfill.

The tonnage landfilled was 2688.27 tonnes for the 12 months ending 31 May 2008.



Closed Landfill Consent Review

The consent review is proceeding with Montgomery Watson Harza (MWH) finalising the details with ECan's Investigating Officer. The existing surface water samples will no longer be necessary. All ground water sampling will have a considerably reduced group of parameters to test, greatly reducing laboratory costs. In addition, unless results indicated substantial contamination occurring, groundwater sampling would cease for most landfills by 2010, with Waimate Landfill monitoring ceasing from 2016. The overall effect of a reduced testing regime will be to lower compliance costs. The total saving will remain unknown until the final outcome is determined.

Waste Management AMP and Valuation

Maunsells are undertaking an update of the Solid Waste Asset Management Plan and Valuation to the end of June 2008, as part of the triennial requirement for Audit NZ.

All data has been forwarded to Maunsells with staff anticipating a draft plan for comment during this month.

Contracts

At this stage the kerbside recycling contract has been extended on a month by month basis until the end of December 2008, while the kerbside refuse collection contract has been extended for a further year, until June 2009. A contract for the processing of greenwaste is being addressed.

G Hamilton
Asset Manager
4th July 2008