

Asset Management Report

May 2009



Water/Waste Water

Urban Sewer

Proposed Sewer Extensions

Timaru Road

Consultants MFL had been commissioned to do Stage I - the concept design for public consultation in 2008. Since then 12 residents in the catchment area have committed to joining to the sewer extension and MFL have now been engaged to proceed with the Stage II works, the completion of the final design and the letting of a contract to construct the first stage of sewer extension.

High Street

Report to hand 29/4/2009 recommends that upgrading works are required.

The work involves replacement of the existing 225mm diameter EW pipe with 300mm Diameter PVC-U sewer pipe from an existing Manhole at the Wilkins St/Williams Street intersection to the High Street/Edward St intersection.

As an interim measure WDC should recommission the Sewage Pumping Station at the WWTP as a means of handling the increased flows during the larger storm events.

New development should pay for a large portion of the works. WDC needs to determine the development potential within the catchment area. Developers would be required to pay a per lot contribution to the upgrade works.

Waste Water Treatment Plant

New flow meter installed and connected to SCADA.

Compliance Issues:

Now that the wet well and screen isn't being used we have no inflow record. ECan has required installation of a new flow meter to comply with consent conditions.

Consultants Beca Carter are working for WDC to get consent conditions modified to more accurately reflect the disposal of effluent to land.

Water Schemes

Urban Water Scheme

Leak Detection Survey

Leak detection services has just completed their first sweep of the pipe network finding 99 leaks rated as follows:

- 6 major leaks
- 3 Moderate Leaks
- 90 Minor leaks
- The 6 major & 3 moderate leaks account for 80% for the present leakage

Supply Gradings

Progressing System Upgrades

- Age Dating samples of water from the Timaru Rd and Manchester's Rd Bore have been taken and submitted to the National Radiation Labs for testing.
- Raw water samples from the bores are now being taken.

- Installed a perimeter fence around Manchester's Bore to prevent stock access around bore.
- Install a soft starter at Manchester's bore to protect fragile AC & cast iron pipes in network from water hammer.
- Backflow Prevention programme
Back flow preventers to be installed at Manchester's bore head.
- Install an additional 6m of riser column on the bore pump to lower pump to prevent low water cut out.

Reticulation

One main break – Betten Street.

Reticulation works this month included installation of water meters on the town fringe and replacement of a number of tobies.

Rural Water Schemes

Rural Water Supply Meetings

Are being organised. Otaio Makikihi Water Scheme AGM was held on the 6 of May for the purpose of striking the new rate, informing people about the demand survey results, the CAP application & MoH subsidy available for the DWSNZ upgrade requirements.

Water Supply Consent Renewals

CMWS is presently going through the consent renewal process with Ecan. WRWS has just completed their consent renewals.

Cannington-Motukaika

Two river crossings have exposed mains.

Hook Waituna

Rebuilt weir working well.

Lower Waihao

Pole Rd Main Break's:

- New pipes on site for renewal.
- Valves and fittings ordered.

Spare pump to be installed in booster shed (standby).

Dog Kennel Rd cell site to be installed.

Otaio-Makikihi

OK.

Phorridium taste and odour problems not evident now.

Waihaorunga

New Variable Speed Drive operating well.

High chlorine demand of concern.

Waikakahi

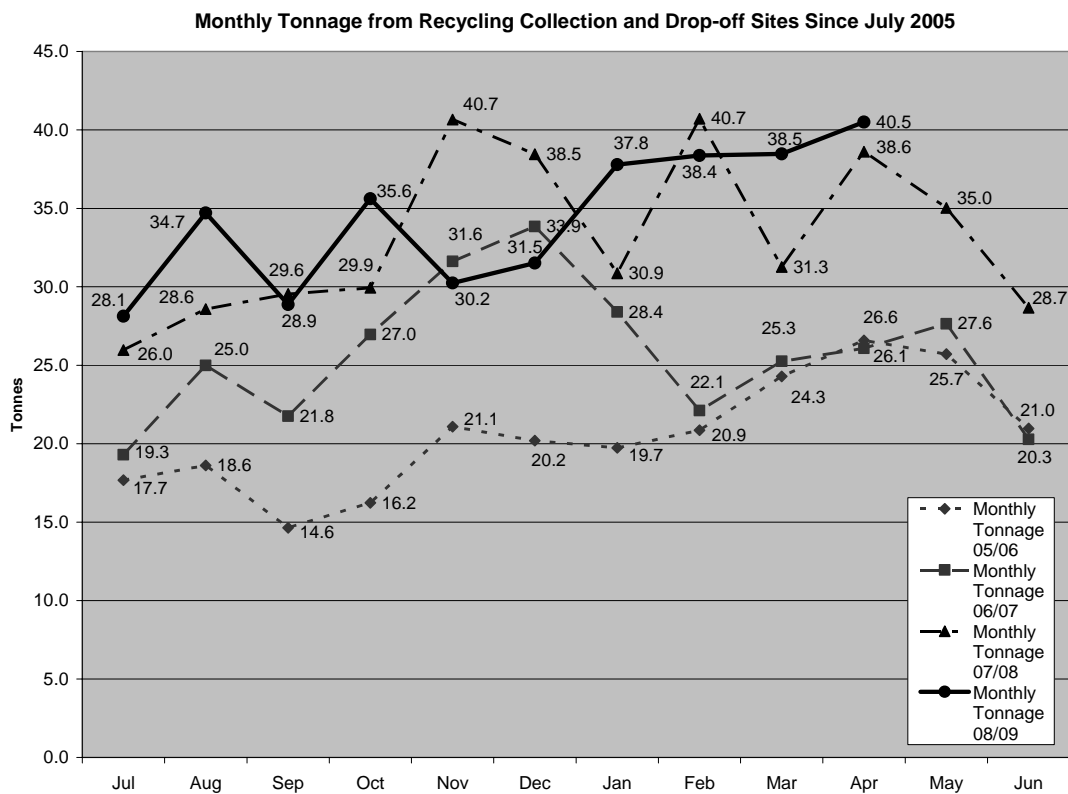
High flow in Waitkai River causing more maintenance at intake and numerous problems.

Waste

Monthly Tonnage for Recycling Collection

The tonnage of recyclables received via kerbside collection for the 5 weeks of April 2009 was 40.5 tonnes, an overall increase on last year's comparable month of 38.5 tonnes (4 weeks). The total tonnage collected since 1 July 2008 has been 344 tonnes, 10 tonnes more than for comparable period last year. Kerbside Collection accounts for approximately half of the tonnage of recyclables received by Whitehorse Recycling Trust (WRT), with the remainder being either delivered by or collected from business. Recently 18 tonnes of plastic was sold and dispatched from the Resource Recovery Park and WRT are currently in discussions for a market for colour separated glass.

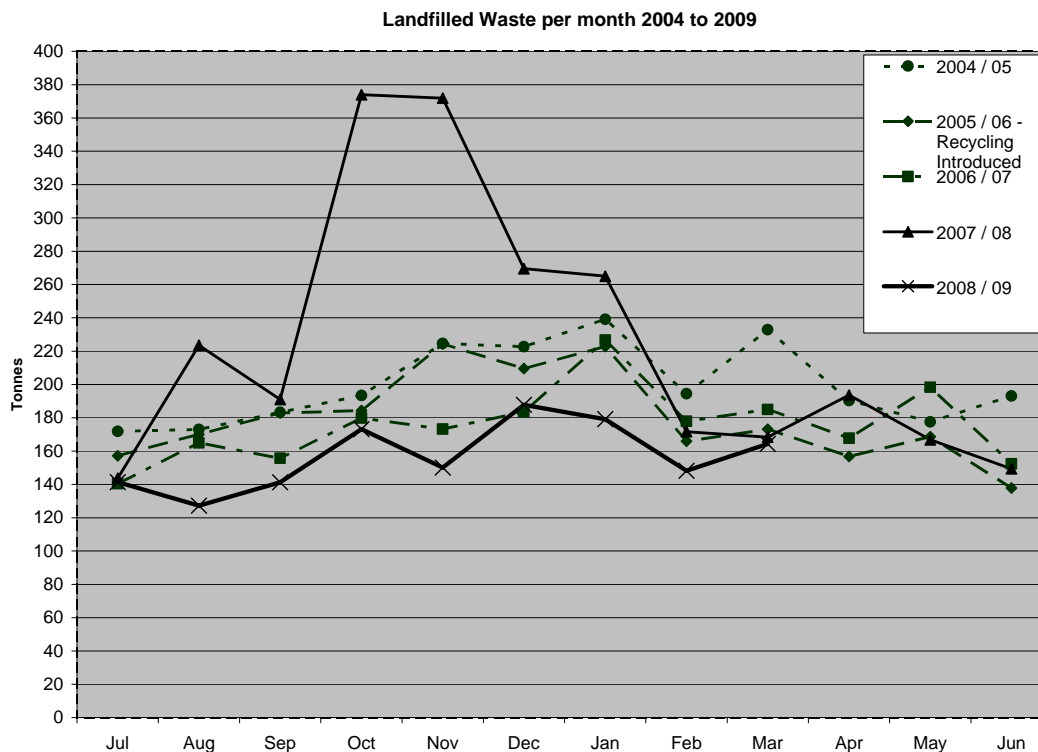
The chart below compares the monthly tonnage for the forty six months the recycling collection has been operating:



Tonnage to Landfill

Tonnage to landfill for the month of April 2009 was 166.61 tonnes, compared with 193.58 tonnes for the comparable month last year, as recorded by the Timaru Landfill. The tonnage of waste landfilled over the 12 months ending 30 April 2009 compares favourably with earlier 12 months periods:

- May 08 - April 09 1895 tonnes
- July 07 – June 08 2688 tonnes (includes NZ Dairies Ltd)
- July 06 – June 07 2105 tonnes
- July 05 – June 06 2153 tonnes
- July 04 – June 05 2396 tonnes (Pre Recycling collection)



Public Consultation of Refuse and Recycling Services

From 29 April a public consultation booklet was distributed to all households, including owners living out of district. With a closing date of 29 May 2009, initial response has been excellent with over 250 surveys returned in the first week. Staff and Councillors have been heavily involved in answering questions.

The intention is to award the contract for the final chosen option in mid June, with the new service starting from 1 October 2009 to allow sufficient start-up time.

Landfill Feasibility Study

Opus have been engaged to advise on the feasibility of opening a local landfill within the Waimate district. A desktop study will report on the viability of such an operation, including the consent and setting up process, with the report will being presented to the June Council meeting. If results are promising a more detailed second stage study could be undertaken to access all aspects including full site investigation.

Solid Waste Budget

The Solid Waste Activity is likely to exceed budget for the 2009 / 2010 financial year by approximately \$50,000. Unbudgeted items contributing to this expected result are:

- Landfill Investigation and Feasibility Study
- Public Consultation and Contract Retender.
- Closed Landfill Consent Review
- Additional Funding to Whitehorse Recycling Trust

Mike McTigue
Water & Waste Engineer

Roading

Work Completed

Pavement Repairs

Pavement repairs completed on the following Roads; Pareora River, Craigmore Valley, Pareora River, Gordons Valley, Gumtree Flat, and Hakataramea Valley.
Minor levelling has been completed Hakataramea Valley Road, Hakataramea Hill Section.

Overlays

Maytown Road 100m
Mitchells Road 265m Dust Seal

Unsealed Road Metalling

The annual maintenance metalling programme has been completed in the Morven Glenavy and Hakataramea areas and is continuing in other areas in the District.

Drainage

Two 600mm diameter culverts have been replaced on Andersons Road.
Surface Water Channel Cleaning Kapua Road
A 6m concrete apron has been completed on Moores Road ford to prevent road scour.

Flood Damage Repairs

Concrete fords on the Waimate end of the Backline Road have been repaired

Bridge Repairs

Painted Handrails Stanleys Bridge

Safety Footpath

Allan Street Safety footpath has been completed.

Signs

Installed edge marker posts Parsonage Road and Waimate Hunter Road (Parsonage Road to Lower Hook Road)

Minor Safety

Two corners on Andersons Road have been widened in conjunction with culvert replacement.

Work Programmed

Pavement Repairs

Seal widening at the intersection of Pareora River Rd and Cairds Rd at the Southburn Hall.
Seal repairs Serpentine Valley Road

Bridge Repairs

Beams and Deck replacement
Hursts Bridge, Frewens Bridge and Waihuna Bridge.

Drainage

Surface water channel cleaning and construction on sections of Pleasant Valley, Scotts, Pareora River, Pikes Point and Tawai Ikawai Roads.
Extend concrete dish channel on Pareora Gorge Road.
Install a culvert and sump at the intersection of Naylor and Hillary Street to redirect storm water to Waimate Creek.
Construct concrete apron on Springbank Road ford to prevent road scour.

Dust Seal

Six residences have agreed to find the local share of a 725m dust seal on Garlands Road.
This will be completed in May subject to weather.

Safety Projects

Sealing will soon be completed: Mill Road safety footpath and sections of High street and Parsonage Road which are in front of houses.

Extreme super elevation on a corner on Mt Harris Road will be corrected.

Gabions will be installed on corner on Andersons road to correct the shape and stabilise the shoulder.

An additional street light will be installed near the High School playing field on William Street.

Hakataramea Pass Road Cattle Stop

A Cattle stop will be installed on the Hakataramea Pass Road to replace a gate on Round Hill Station. Council has been advised that the gate on the Hakataramea Pass will not be required due to reference to the property. Any new fences crossing the road will require cattle stops to be installed.

Footpath Repairs

Reconstruct a section of footpath on Shearman Street (High to Grigson St)

Contracts

Seal Widening Contract

Sealing Widening contract has been completed.

Contract 09-1 Road Maintenance

Four tenders have been received for the Road Maintenance Contract. See agenda item

Code of Practice for Utilities Access to Transport Corridors

The Code is an industry lead initiative to define the roles of various stakeholders in a nationally consistent approach for the management of access to the transport corridors (road and rail) by Utility Operators. The code has been developed by both councils and utility representatives and consulted on widely within the industry. If the industry did not produce this National Code the MED would produce one and legally enforce its implementation.

The code seeks to provide a consistent and cooperative framework for Corridor Managers (Councils), to manage the corridor while providing for the access rights of Utility Operators. It is anticipated that the code will become mandatory in the next 12 months.

Meetings Attended

Canterbury Regional Land Transport Officers Group.

Review of submissions received on the draft Regional Land Transport programme.

Launch of the Draft National Code for Working in the Transport Corridor

Robert Moffat

Roading Asset Manager