

SOUTH WAIRARAPA DISTRICT COUNCIL

14 DECEMBER 2011

AGENDA ITEM D4

INFRASTRUCTURE AND SERVICES GROUP REPORT

Purpose of Report

To update Councillors on the Infrastructure and Services Group activities.

Recommendations

Officers recommend that the Council:

1. *Receive the information.*

1. Executive Summary

1.1 Consents

Considerable work has been done on Council consents over the past year. This work is in line with discussions with Greater Wellington Regional Council and the regular follow up meetings held. A summary of consents and associated details is attached in Appendix 5.

Meetings were held at the Papawai Marae for the steering groups for the Greytown, Featherston and Martinborough wastewater consents. Following this meeting individual meetings were held with some of the concerned participants to show, in greater detail, Councils work toward gaining long term consents in line with the wastewater strategy.

1.1.1. Pain Farm review

A report on Pain Farm and the suitability for use for irrigation to land has been circulated to the Council. This report has also been distributed to Greater Wellington Regional Council and stake holders as per the consent variation condition requirement in respect of the current Martinborough wastewater consent.

It is anticipated that there will be some discussion with the Regional Council and affected parties in the New Year alongside other consultation requirements related to the Martinborough Wastewater Treatment Plant discharge consents application.

1.1.2. Community Water Supplies

New consent applications are being developed for the Herricks Bore field and the Greytown Urban Water Supply Bore. These consents expire at the end of September 2012 and it is intended that the applications are lodged before the

end of March 2012 to the current consent can be exercised whilst the new applications are being processed.

1.1.3. Wastewater Consents Renewal

These are elaborated upon below and the main objective is to lodge new applications early for Martinborough and Featherston to allowing use as above whilst the consent applications are being processed.

1.2 Capital planning in water and waste water

As previously advised, the Minister of Health under the Capital Works assistance programme has provided a stage 1 funding approval for a sum of \$50,000 for the further investigation of a bore water resource for the Featherston community. This is now work in progress with an outcome expected by the end of June 2012.

1.3 NZTA Land Transport Program

Meetings have been held with NZTA and a Road Safety Audit has been undertaken. The main conclusion is that roadmarkings set out of EMPs is excellent, as is bridges with good clear zones. Council was also complimented on its unsealed road maintenance.

Areas for improvement were noted as the hierarchy being unclear with a lack of route consistency and varying delineation standards. Other areas were in vegetation control, signage, edgebreak, lack of shoulders and hazards such as trees and bridge width markers.

Result graphs are attached in Appendix 6.

1.4 Review of Facilities Management (FM) Contract

The review of the FM contract is underway with legal advice on the procurement process expected in the first week of December. Discussions have taken place with Masterton and Carterton councils to determine the best use of shared services in these works.

1.5 Shared Services

As with FM, efficiencies in shared services are being investigated and will be reported on in coming months. The possibility of a single coordinator for the solid waste contract has been discussed at length with the opportunity of a single waste minimisation officer and contract manager for the Wairarapa being investigated currently.

The Regional GIS project is also seen as a good opportunity for the region to be able to view works as a single area. Once this is rolled out for all councils there will be potential, as an example, for the national RAMM (roads database) to be linked singularly for all councils allowing for joint works contracts and better coordination of works. Other areas of opportunity will be in Civil Defence Emergency Management, waste tracking, road opening permits etc.

2. Utilities

2.1 Wastewater

2.1.1. Operations

Wastewater treatment plants operated routinely over the period. Normal monitoring for flow and compliance reporting continued throughout the period with no non-compliance issues reported.

Above ground property inspection in targeted areas of Featherston to check for stormwater ingress potential into the waste water reticulation system with the priority catchment areas has been substantially completed.

Investigation of existing Council condition data (pipeline video records) has almost been concluded. The aim of this investigation is to produce a long term pipeline renewal /remediation programme for inclusion in the Asset Management Plans.

Four pipeline blockages were reported and rectified during the period.

2.1.2. Capital

Planning processes, development of resource consent applications and the delivery of new infrastructure continued across Council's wastewater treatment sites.

- Greytown Wastewater Treatment Plant. The affected party consultation process is almost complete. Some un-anticipated delays due to concept refinement and technical agreement have occurred pushing back the timeline for application lodgment to January 2012. Pre-circulation of the draft AEE to interested and affected parties is planned ahead of application lodgment.
- Martinborough Wastewater Treatment Plant (consent variation works). The UV plant shelter and pump chamber is in place. With the completion of associated pipe work and electrical reticulation works commissioning was achieved on 1 December 2011 meeting the consent deadline (photo attached). The variation also requires that the Preliminary and Draft AEE for the new consent application be submitted by 10th January 2012 with a full application to be lodged by 10 April 2012. It is expected Council will be in a position to lodge the draft meeting the imposed timelines. A briefing meeting with elected members and affected parties is planned for 19 December 2011.



UV Reactor installed at the Martinborough wastewater plant

- Featherston Wastewater Treatment Plant. The UV plant is expected be operational by Christmas (the provision of this was a condition of the consent variation approved in 2010).



New wastewater building in Featherston

Similar processes and efforts are required to prepare a draft AEE by no later than 25 February 2012, being six months ahead of the consent expiry date with the full AEE and application to be submitted by 1 June 2012. It is proposed where appropriate to deliver a similar level of reporting for the draft AEE to that proposed for the Martinborough site.

The FWT trial continues after some modifications aimed to minimise short circuiting, however the PETRO trial has been abandoned due to trialing difficulties leading to inconclusive results.

2.2 Water Supply

2.2.1. Operations

A graph of water consumption is attached. It indicates typical use for the time of year and season. No non-compliance exceedances were reported during the period.

The water main renewal work in Featherston being undertaken by Perkinson Civil has been completed at a finished cost of \$288,000.

The objective of this work was to:

- Renew old critical pipeline in Watt Street
- Provide an alternative point of supply and equivalent capacity into the distribution zone from Underhill Road, providing much improved operational flexibility in the event of a failure of Boar Bush infrastructure.



UV reactors installed at the Martinborough water supply bores

2.3 Water Races

Water races operated normally during the period. There are signs that deferred maintenance at the Longwood system is creating problems for water race users. Pre summer maintenance obligations within the rural sections of the Moroa system has been brought to the attention of water race ratepayers.

One-on-one consultation with water race users has commenced with a public meeting scheduled early in the New Year ahead of the adoption of a new draft bylaw (subject to a full round of public consultation as required by the Local Government Act).

2.4 Waste Management

2.4.1. Operations

Services are being delivered as normal.

Christmas/ New Year collection arrangements have been finalised with two extra collections planned for the coastal areas. Additional open space bins and services are planned over the Christmas period.

Waste export and recycling tonnage data for the period is attached. A waste audit is planned early in the New Year possibly in conjunction with Carterton and Masterton District Councils.

2.4.2. Capital

There are no capital improvements planned this year.

3. Roading

3.1 Roading - Oldfield Asphalts

Routine maintenance; fixing potholes, grading unsealed roads, replacing edge markers, and straightening signs is satisfactory.

Ordered work over the month has included;

- Pavement dig-out repairs on Hinakura Rd and Bidwills Cutting Rd.
- Reconstruction of the Todds Rd Oxford St Intersection, at the entrance to Martinborough Estate.
- Footpath repairs Ferry Rd.
- Reconstruction of the western end of Nelsons Rd.
- Shoulder widening and repairs Princess St.
- Removal of trees and branches blown across roads by high winds.

4. Reserves and Playgrounds - Transfield Services

Transfield Services are busy with mowing and spraying. They had quite a lot of work to do, catching up with the abundance of weeds on footpaths and in kerbs but most areas have now been sprayed and all will be nearly weed free by Christmas.

Arrangements are being finalised with Transfield for servicing toilets and litter bins in the rural camping areas for the Christmas holiday period.

Considine and Centennial Parks in Martinborough are to receive a higher level of maintenance and work has started on cutting the areas of long grass and weeds along the walkway with the intention of keeping the grass short with regular mowing.

At a recent meeting of interested parties the draft plans for the development of Lake Reserve were discussed and agreed. The next stage of the process is to encourage public consultation.

Also planned is the Annual meeting of the Stella Bull Park users group, 6 December 2011. At this meeting a schedule of work will be agreed for this autumn.

Martinborough Playground is receiving some attention. Some dangerous play equipment is being refurbished to make it safe and possible new equipment is being discussed with the Martinborough Community Board.

5. Property and Facilities

5.1 Properties

The Council owned house at 65 Longwood Rd, Featherston has been secured so that no unauthorised entry can occur until decision made as to its future.

1.3 Pensioner Housing

There is currently one flat vacant in the Burling Flats, Featherston.

5.4 Swimming Pools

The pools were opened on Saturday 12th November 2011.

5.5 Cemeteries

Featherston Cemetery is having eight new RSA ashes burial sites put in.

5.6 Camping Grounds

The electrical upgrade at Greytown Campground is coming along well and is almost finished.

5.7 Leases and Licenses

An advert was placed in the Wairarapa News for expressions of interest for grazing land at the Martinborough Cemetery. The current licensee will not be renewing as at 8 Dec 2011. Two enquiries were received and it is anticipated that one of the enquiries will result in a short-term one year lease.

6. Libraries

Library statistics are attached in Appendix 1 and 2. Two other library reports are going to Council this month, the Library Management System (LMS) report and the Trial of Extended Hours report.

The LMS is important for any move to a shared service with either SMART or National Library Service. This needs to be reviewed via the current shared service arrangement i.e. the Wairarapa Library Service (WLS), as per the MOU.

The trial of hours over the January period and the survey will assist the WLS to determine the best service delivery to cost model for the libraries to move to in the coming Council Long Term Plan.

7. Appendices

Appendix 1 – Issues Statistics all Libraries

Appendix 2 – Transactions Statistics all Libraries

Appendix 3 – Monthly Water usage

Appendix 4 – Waste exported to Bonny Glen including Recycling

Appendix 5 – Summary of Consents

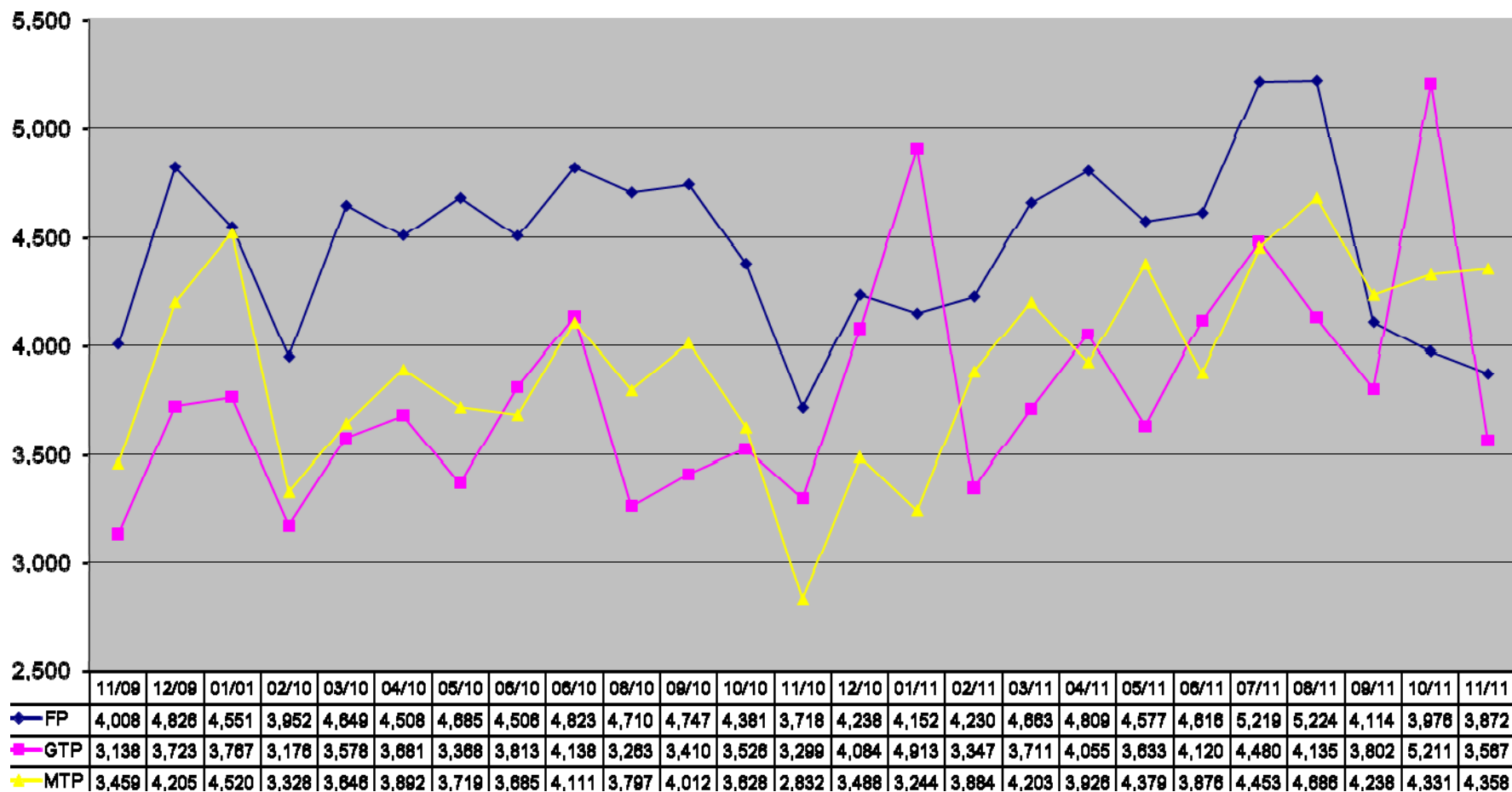
Appendix 6 – NZTA Road Safety Audit Route and Graphs

Contact Officer: Mark Allingham, Group Manager Infrastructure and Services

Reviewed by: Dr Jack Dowds, Chief Executive Officer

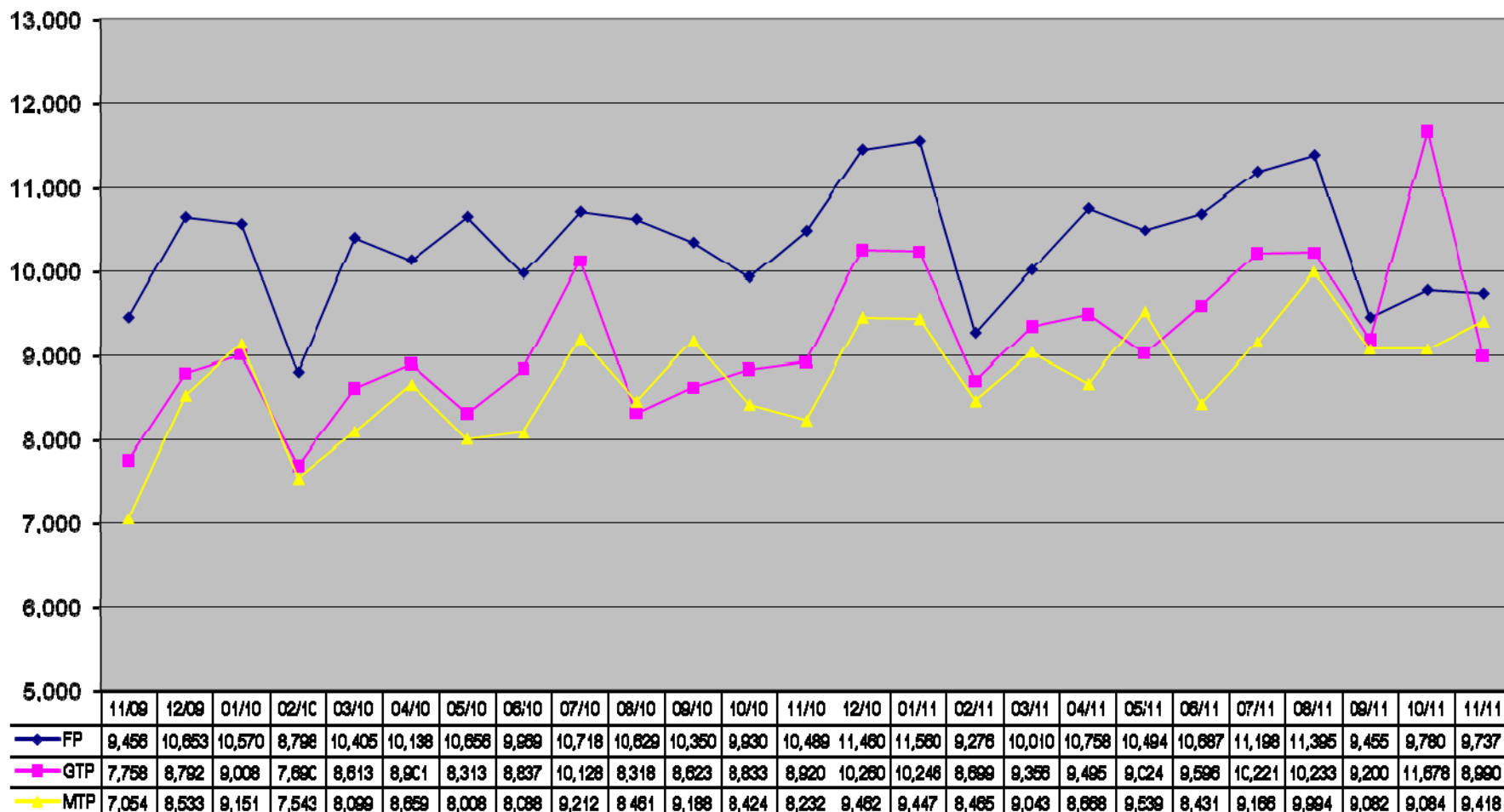
Appendix 1 – Issues Statistics all Libraries

Issues: Featherston, Greytown and Martinborough Libraries: 2009-2011



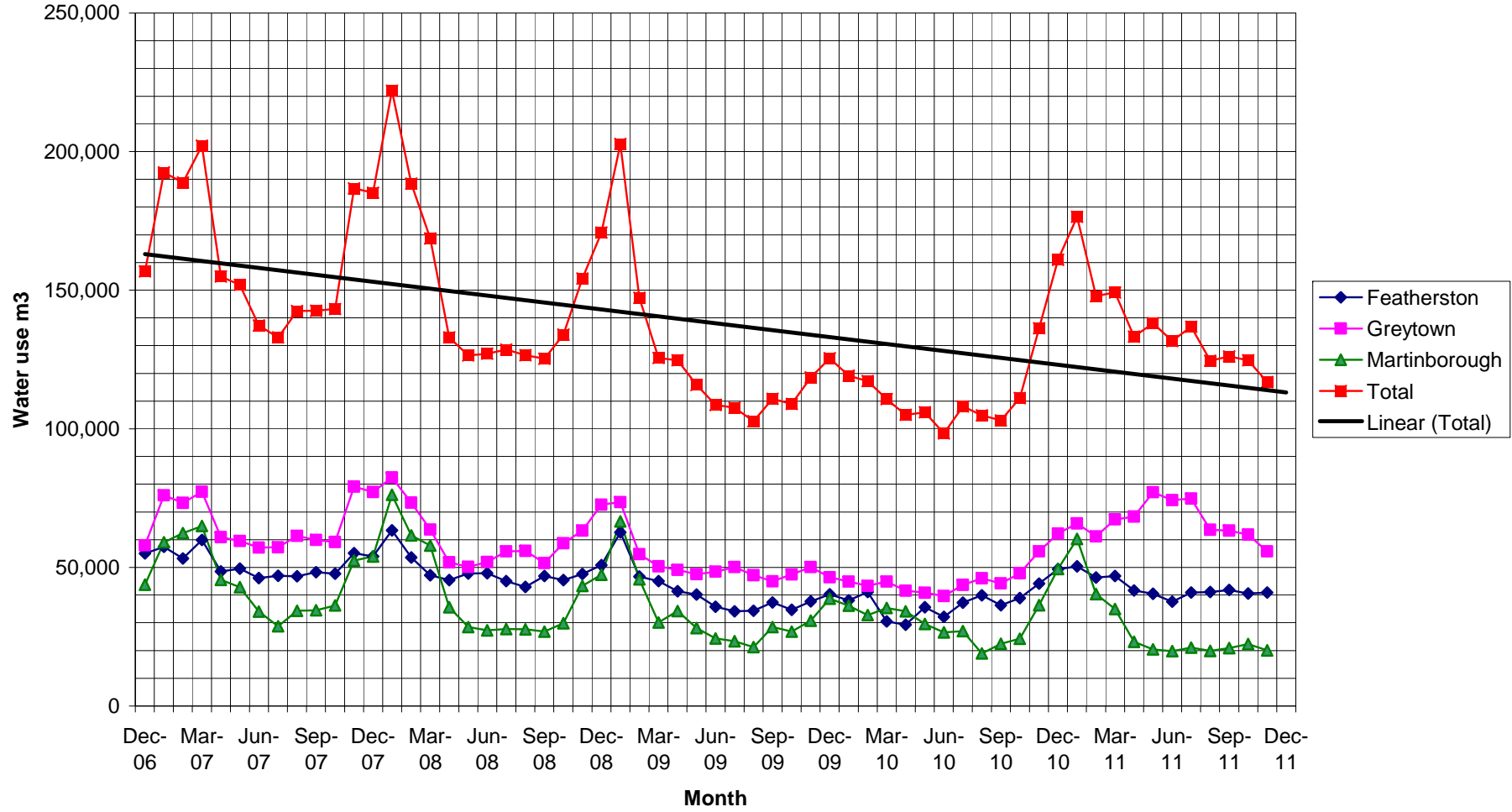
Appendix 2 – Transactions Statistics all Libraries

Transactions (excluding Council functions) for Featherston, Greytown and Martinborough Libraries



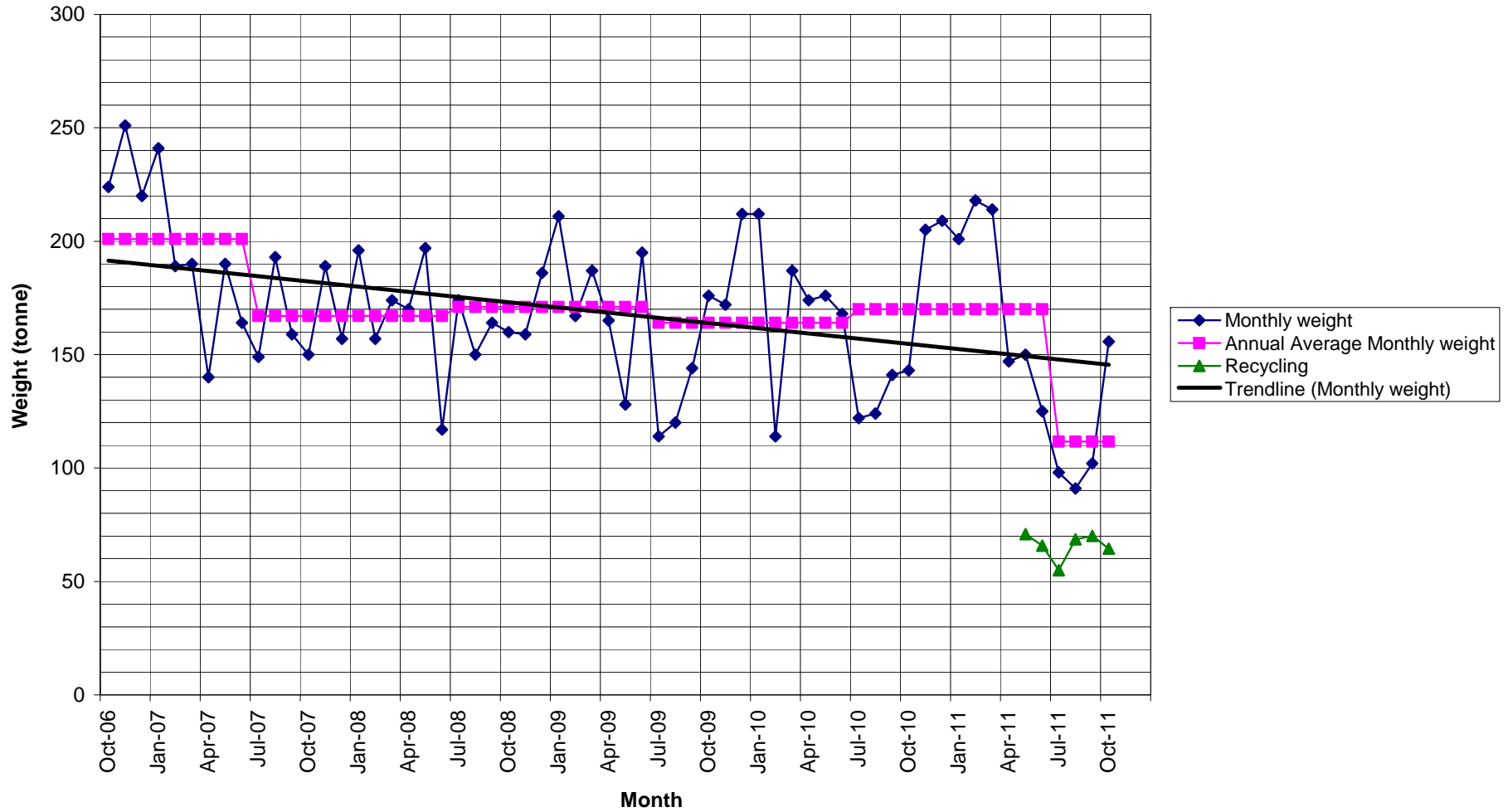
Appendix 3 – Water Usage

Water use South Wairarapa District Council



**Appendix 4 – Waste
Exported to Bonny Glenn
including Recycling**

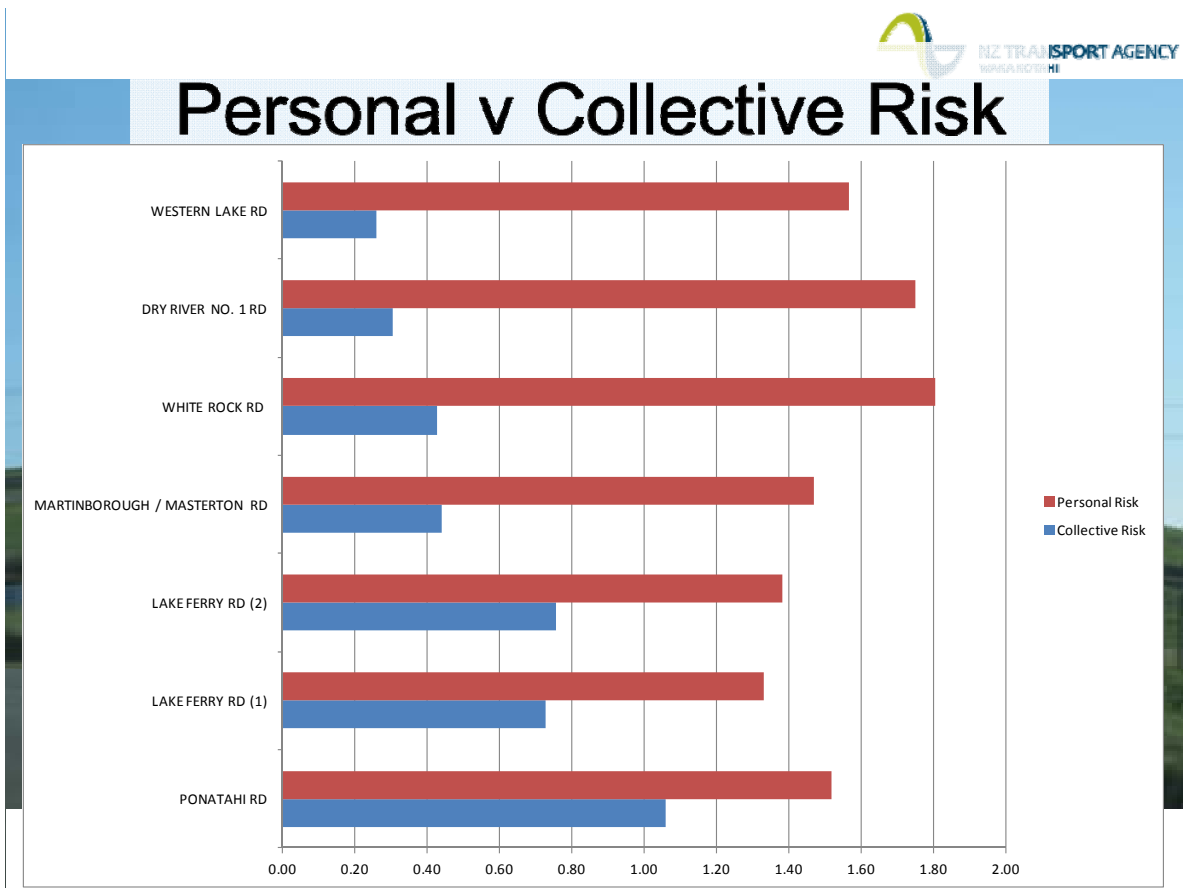
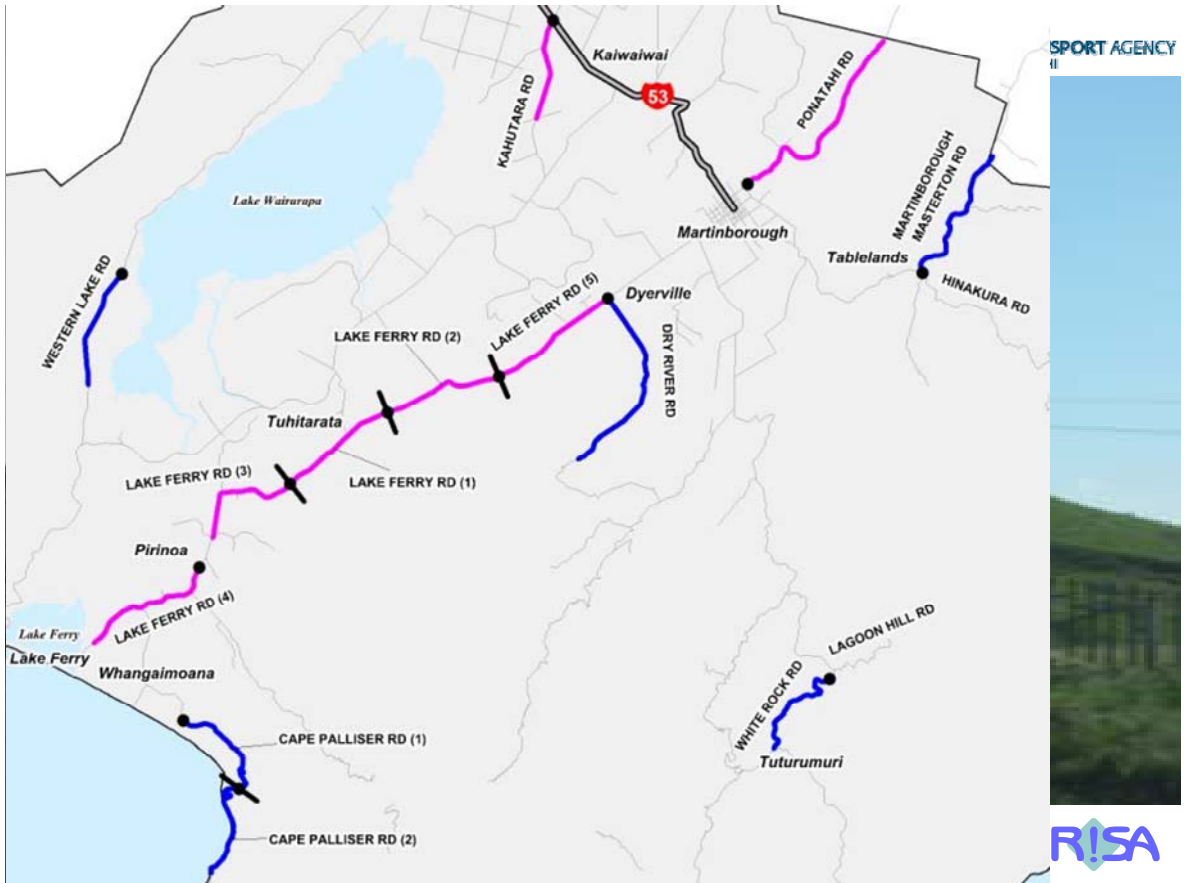
Monthly weight of waste transferred from Martinborough transfer station to Bonny Glen



Appendix 5 – Summary of Consents

Site	File Reference	Consent ID	Consent Type	Required? Yes/No/Freq	Submitted? Yes/No/Month	Required? Yes/No/Freq	Submitted? Yes/No/Month	Special Requirements	notes	Expires	SWDC Contact	Compliance Officer	2009/2010 Result	2010/2011 Result	Reasons for not Fully Complying 2010/2011
Whatarangi Road Palliser Bay	WAR060041	25198	Structure: Hazard Mitigation	No	No	Yes	No		Letter to be sent to GW if corrective works are needed	2016		Grant Kneebone			
Martinborough Hautotara Quarry	WAR050126	24716	Industrial Waste Discharge	No	No	Yes	No					Grant Kneebone	Mainly	Mainly	Undertake maintenance work to increase capacity of detention pond and reinstale buried sections of silt fence
Featherston sewage	WAR97008001	2625	Discharge to Water	Yes	June	Yes	quarterly	A working party is to be established to work on a long term upgrade plan	Annual report received 17/7/2011			Steven Orr	Mainly		Condition 11 not going to be implemented now and UV seen as more practicable. Conditions 12 to 14 not yet started. Conditions 21 to 24 Macro report shows degradation of in stream conditions downstream of plant.
		23136	Discharge to Land	Yes	June	Yes	quarterly					Steven Orr	Fully		
		25634	Take	Yes	June	Yes	quarterly					Steven Orr	Fully		Data logger on observation bore failed in November 2010 and not yet replaced
Greytown and Featherston water supply	WAR040067	6349	Take	No	No	Yes	quarterly			2012		Steven Orr	Mainly		
Greytown and Featherston water supply	WAR99014201	6349	Take	No	No	Yes	quarterly			2019		Steven Orr	Fully		
Greytown sewage	WAR960266	21309	Discharge to Water	Yes, by agreement	June/July	Yes	4 monthly	SWDC to have a program of investigation, consultation & implementation of a long term sewage effluent disposal option. Also a risk mgmt strategy and 'community advisory group'				Steven Orr			Condition 15 'Significant local adverse effect' Condition 20 BOD and SS results show continued exceedences. Odour complaints from neighbour during period
			Discharge to Air	Yes, by agreement	June/July	No	No					Steven Orr	Non		
Lake Ferry sewage	WAR040096	23770	Sewage Discharge to land	Yes	July	Yes		This consent is not operating yet. A management plan is to be submitted prior to commissioning the system. Consent lapses in June 2009				Steven Orr			The non compliances associated with this consent have been addressed. Condition 35 Nitrate levels were dealt with by a variation to the consent. Conditions 13 & 14 required an OMP which has now been submitted. Soil moisture probes were dealt with by consent variation. Telemetry system was non compliant and has been sorted by consent variation.
		23771	Sewage Discharge to water	Yes	July					2025		Steven Orr	Non		
		23772	Discharge to Air	Yes	July					2025		Steven Orr	Non		
										2025		Steven Orr	Non		
Martinborough Oxidation Pond	WAR970079	2624	Discharge to water	Yes, by agreement	June/July	Yes	Yes					Steven Orr	Non		Condition 7 not complied with and a variation is underway on this.
		20670	Discharge to Air	Yes, by agreement	June/July	No	No					Steven Orr	Fully		
Longwood Water Race	WAR010201	21377	Take	Yes	September	Yes	quarterly	Water quality audit to be completed by 2008	Annual report received 24/8/2011			Steven Orr			No report from users forum. Abstraction rate above 50% of time. No water use review carried out.
		21593	River/Stream Diversion	Yes	September	No	No			2020		Steven Orr	Non	Non	20% of total river allocation exceeded 4% of the time
		21595	Bed disturbance	Yes	September	No	No			2020		Steven Orr	Fully	Fully	
		21594	Comprehensive Stormwater Discharge	Yes	September	Yes	May			2020		Steven Orr	Non	Non	Water Quality audit not yet carried out.
Martinborough Landfill	WAR950016	21435	Landfill Discharge to land	No	No	No	No	SWDC to operate under a landfill management plan	Draft consent application recd 7/9/2011			Steven Orr			
		21436	Discharge to air	No	No	No	No			2010		Steven Orr			
		21437	Discharge stormwater	No	No	No	No			2010		Steven Orr			
		21438	Discharge leachate	No	No	Yes	biannually			2010		Steven Orr			Clear summer / winter monitoring required and 5 sites required to be monitored. Consent renewal required asap
		21439	Water divert	No	No	No	No			2010		Steven Orr	Mainly		
Martinborough water supply	WAR990001	22503	Take	No	No	Yes	quarterly			2010		Steven Orr	Fully		
Moroa Water Race	WAR010200	21378	Take	Yes	September	Yes	quarterly	Field survey required to be completed by 2005	Annual report received 24/8/2011			Steven Orr			Still exceeding the rate of take on occasions, and in low flow conditions. Water use review not yet done.
		21379	River/Stream Diversion	Yes	September	Yes	No			2025		Steven Orr	Non	Non	Take rate exceeded in low flow conditions
		21587	Bed disturbance	Yes	September	No	No			2025		Steven Orr	Fully	Fully	
		21586	Comprehensive Stormwater Discharge	Yes	September	Yes	May			2025		Steven Orr	Non	Non	Water Quality audit not yet carried out
Pirinoa Water Supply	WAR050099		Take	No		Yes				2025		Steven Orr	Fully		
	WAR090085	27196	Extract 1000m3/year from Awhea												GW has no records of the returns required under condition 1 of the consent. IE Quarterly totals of materials excavated.
Gravel Extraction		27197	Extract 400m3/year from Hurupi Stream	Yes								Grant Kneebone	Mainly	Mainly	GW has no records of the returns required under condition 1 of the consent. IE Quarterly totals of materials excavated.
		27198	Extract 3000m3/year from Opuawa	Yes								Grant Kneebone	Mainly	Mainly	GW has no records of the returns required under condition 1 of the consent. IE Quarterly totals of materials excavated.
		27200	Extract 3000m3/year from Pahaoa River	Yes								Grant Kneebone	Mainly	Mainly	GW has no records of the returns required under condition 1 of the consent. IE Quarterly totals of materials excavated.
		27201	Extract 1000m3/year from Thrust Creek	Yes								Grant Kneebone	Mainly	Mainly	GW has no records of the returns required under condition 1 of the consent. IE Quarterly totals of materials excavated.
		27202	Extract 200m3/year from Makara River	Yes								Grant Kneebone	Mainly	Mainly	GW has no records of the returns required under condition 1 of the consent. IE Quarterly totals of materials excavated.
Boar Bush / Taits Creek	WAR960030		Surface Take	Yes	June	No	N/A	Long term strategy		2010		Grant Kneebone	Mainly	Mainly	

Appendix 6 – NZTA Road Safety Audit Route and Graphs



Safety Related Maintenance Assessment

