

**KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES
COMMITTEE MEETING HELD ON WEDNESDAY 19 MAY
2010 IN MEMORIAL HALL SUPPER ROOM, ESPLANADE,
KAIKOURA.**

AGENDA

1. Apologies

2. Matters of Importance to be raised as Urgent Business.

3. Matters Arising from Report of 21/4/2010 *page 58*

4. Reports:

- **Works and Services Report** *page 1*
- **Roading Report** *page 6*
- **Works and Services Budget Report** *page 18*

5. Urgent Business

6. Works & Services Public Excluded Session

Moved, seconded that the public be excluded from the following parts of the proceedings of this meeting, namely

a. Confirmation of Minutes 21/4/2010

The general subject matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under Section 48(1) and 7 of the Local Government Information and Meetings Act 1987 for the passing of this resolution are as follows:

General subject of each to be considered	Reason for passing this resolution in relation to each matter	Grounds of the Act under which this resolution is made
Confirmation of Minutes 21/4/2010	The exclusion of the public from the whole or the relevant part of the proceedings of the meeting is necessary to enable the Local Authority to deliberate in private on its decision or recommendation.	Section 48(1)(a) and 7(2)(b)(ii)

WORKS AND SERVICES REPORT

1.0 WATER SUPPLY

Urban Water

Operations – Kaikoura Urban Supply

The Kaikoura Urban supply operated fairly well during the operating month. There was however one minor operational problem which stemmed from the operator closing the wrong valve resulting in properties within the town area to be without water for approximately 1 hour.

Others - Backflow devices

Under Section 69ZZZ of the Health (Drinking Water) Amendment Act 2007 and in accordance with the Kaikoura District Council Water Supply Bylaw 2008 it is a requirement that all properties having the potential to contaminate the water supply system be fitted with a testable backflow prevention device. A backflow prevention device is needed to protect the network from risks of pollution caused by water and any other substances from high risk properties connected to the public water supply system.

In October 2009 properties requiring backflow prevention devices were written to requesting the appropriate backflow prevention device be fitted to their water connection. In February 2010 properties not adhering to this request were written to once again reminding them of the request and the need to have this device fitted to their connections.

Council staff and contractors will be carrying out inspections in the coming week(s) and speaking with property owners to determine if this device has now been fitted to their water connection. If these devices have not been fitted the devices will be installed and the respective property invoiced for the cost of having these devices fitted.

Operations – Suburban Supply

There were no major operational problems with the Suburban supply during the reporting month. The daily water demand for this supply averaged 11m³ during the reporting month.

Water Demand

Table 1 below shows the water demand for the reporting month measured from the Mackle's bore while figure 1 on page 4 shows the yearly cumulative water demand since 2006.

For the month of April 2010 the water demand was 94609m³ whereas for the month of March 2010, the total water demand was 109,529m³.

<i>Water Demand (m³/day)</i>				
	<i>Min (m³)</i>	<i>Avg (m³)</i>	<i>Max (m³)</i>	<i>Total Demand (m³)</i>
<i>Feb 2010</i>	3471	4346	5530	121,701
<i>Mar 2010</i>	2971	3533	4462	109529
<i>April 2010</i>	2762	3154	3737	94609

Table 1: Water Demand for reporting period

Kincaid Water Supply

There were no major issues within the Kincaid supply during the reporting month.

Water Upgrades /Renewal Projects - Capital Assistance Programme (CAP)

Works funded by the Capital Assistance programme are underway.

1. ***Fords Tank*** – The tank foundation and most of the pipe works have been completed. During the month Tasman Tank stopped the erection of the tanks as some of the steel panels were found to be deformed. Since then they have re-fabricated these 12 panels which have since arrived in New Zealand. Tasman Tank has informed us that they will start re-erecting the tank on Monday May 17th, 2010.
2. ***Peninsula Tank*** – The purchase of the tank has been concluded with the supplier and this will be delivered to site when the necessary process of acquiring the land is completed. Once this is completed the tank installation will commence.
3. ***Reticulation system*** – The replacement of the 100mm diameter steel spiral (SRS) water main along Torquay Street is in progress. At the time of writing this report approximately 80m of the 510m steel spiral pipe is left to be replaced. The remaining pipes will follow once this section is completed.

2.0 SEWER SYSTEM

Table 2 below shows the average sewage flows for the reporting month as measured at the Mill Road pumping station while figure 2 on page 5 shows the sewage generation to date in comparison to previous years.

The total flow for the month of April 2010 was approximately 47,668m³ whereas the flow for the month of February 2010 was 51,617m³.

<i>Sewage flows (m3/day) – Mill Rd</i>			
	<i>avg</i>	<i>max</i>	<i>Total Flow</i>
<i>Feb 2010</i>	1435	1581	40178
<i>Mar 2010</i>	1665	2339	51617
<i>Apr 2010</i>	1589	1868	47668

Table 2 : Sewage generated for reporting period

The measured Dissolved Oxygen (DO) averaged 2.5mg/l for the reporting month.

2.1 Sewer Renewals

Contract documents are being prepared for the sewer renewal along Churchill Street, Whitby Place, Takahanga Terrace and Adelphi Terrace.

2.2 Aerated Lagoon

The design of the aerated lagoon has been completed and sent for peer review. Once comments have been received the designs will be completed taking into account any comments from the

Engineer reviewing the design. A resource consent application will be lodged after this process for construction of the lagoon as well as tendering for the works.

3.0 STORMWATER

Urban Stormwater

There were no major issues for the reporting month.

Rural Stormwater

During the reporting month Council staff has not progressed on this however once contract documents etc have been completed and tendered some progress will be made on this.

4.0 PARKS AND RESERVES

The parks and reserve area are in fair condition with no major work and or complaints for the reporting period.

5.0 PUBLIC TOILETS

There were no major problems with the public conveniences during the reporting month.

6.0 CCTV – WEST END

During the reporting month Council staff was made aware that the cameras within the West End were not operational. East Coast Security was written to regarding the non operation of some of the cameras and the fact that the company did not make Council staff aware of such defects. At the time of writing this report East Coast security is in the process of rectifying the problems.

7.0 CONTRACT RENEWALS

The contracts for the operations and maintenance of the water services, parks and reserves and public conveniences went out to tender on April 27, 2010. Tenders are expected to close on May 31st, 2010.

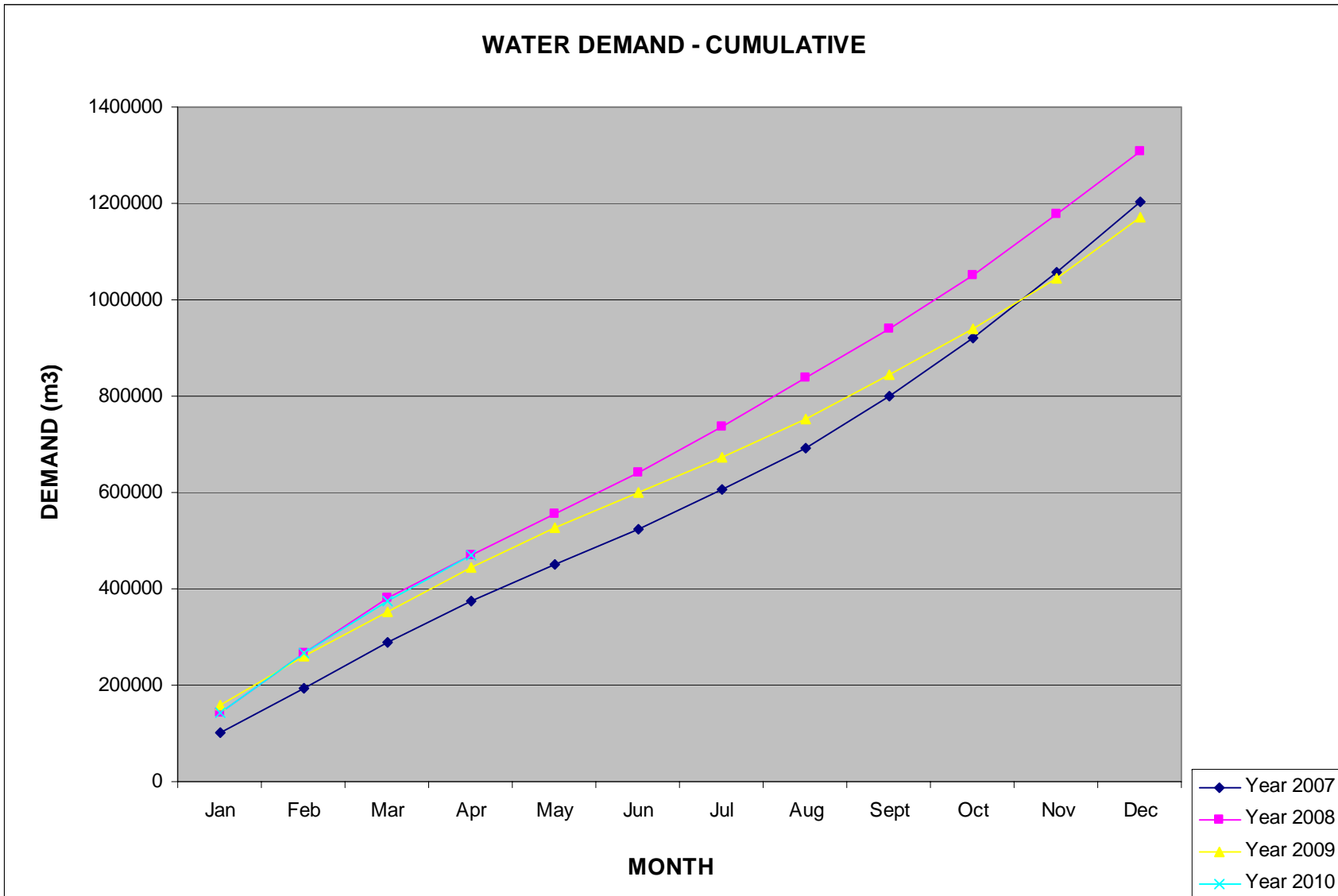


Figure 1: Yearly Cumulative Water demand

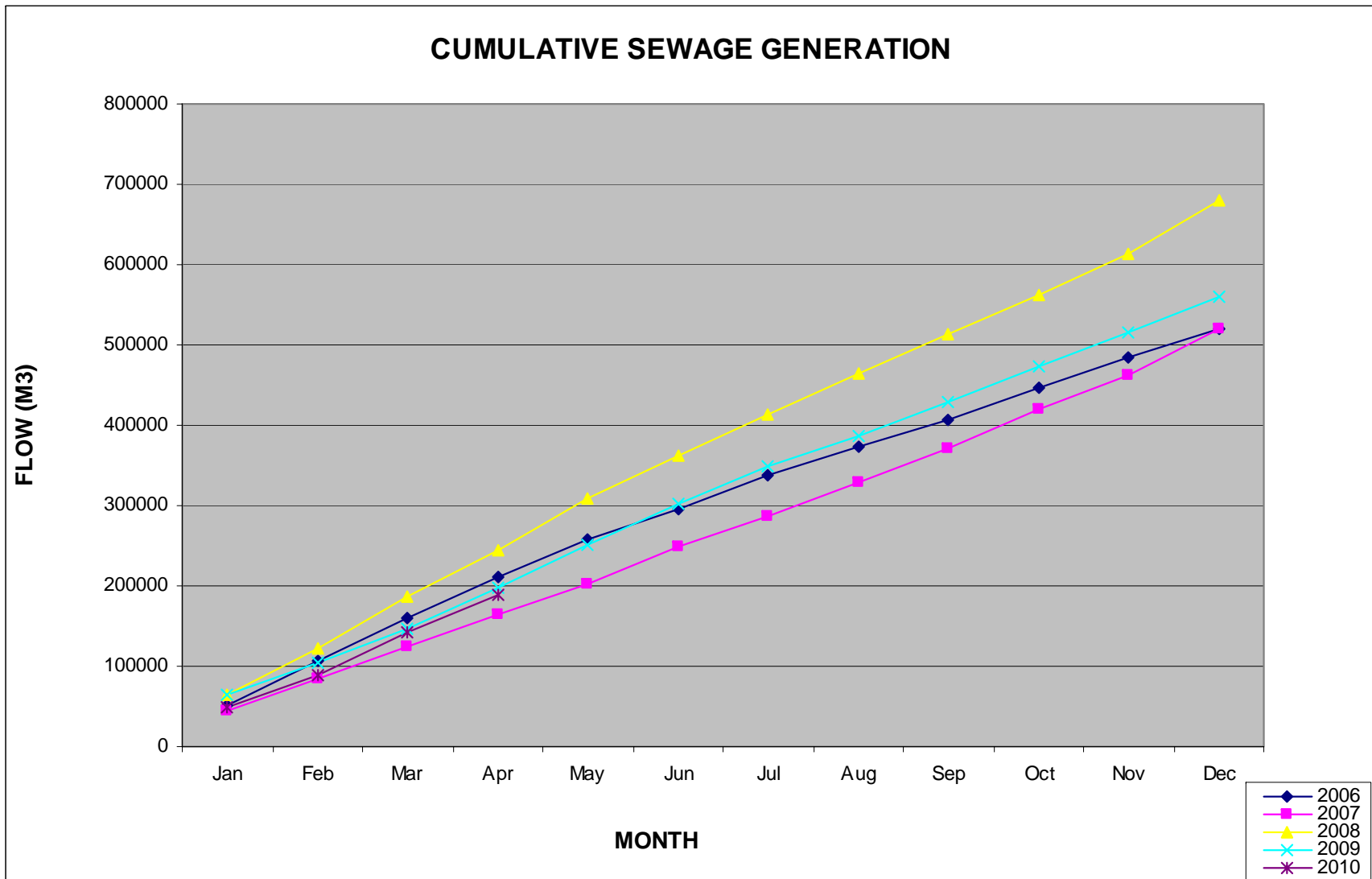


Figure 2: Yearly Sewage Generation

ROADING REPORT

1.0 Dust Suppression Trial

The OTTA seal dust suppression trial proposed was placed on McInnes Road on the 21st of February 2008. The seal is still in place and residences have advised Council that since its placement the results have been great and dust is no longer an issue for them. We will continue to monitor its performance over the next 3 years to confirm if the expected life span of 5years will be achieved. At the end of the trial period adequate information would be available to be able to make a recommendation if similar treatments should be extended to problematic areas within the district.

2.0 Stock Crossings

The construction of the concrete cattle crossings will commence by the end of May 2010 which is the end of the milking season.

3.0 Routine Bridge Inspections

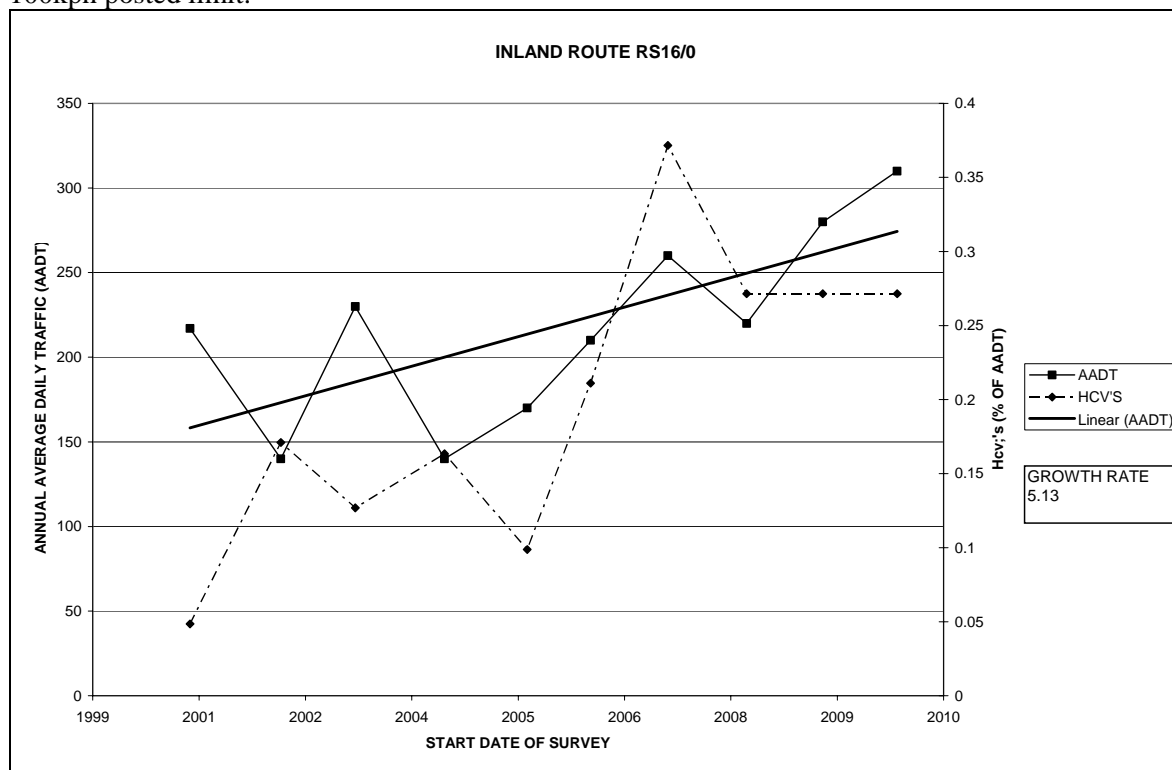
The routine bridge repair works is in progress and is scheduled to be completed by the end of the financial year.

4.0 Traffic Count

Traffic counts for the month of April 2010 included the following roads

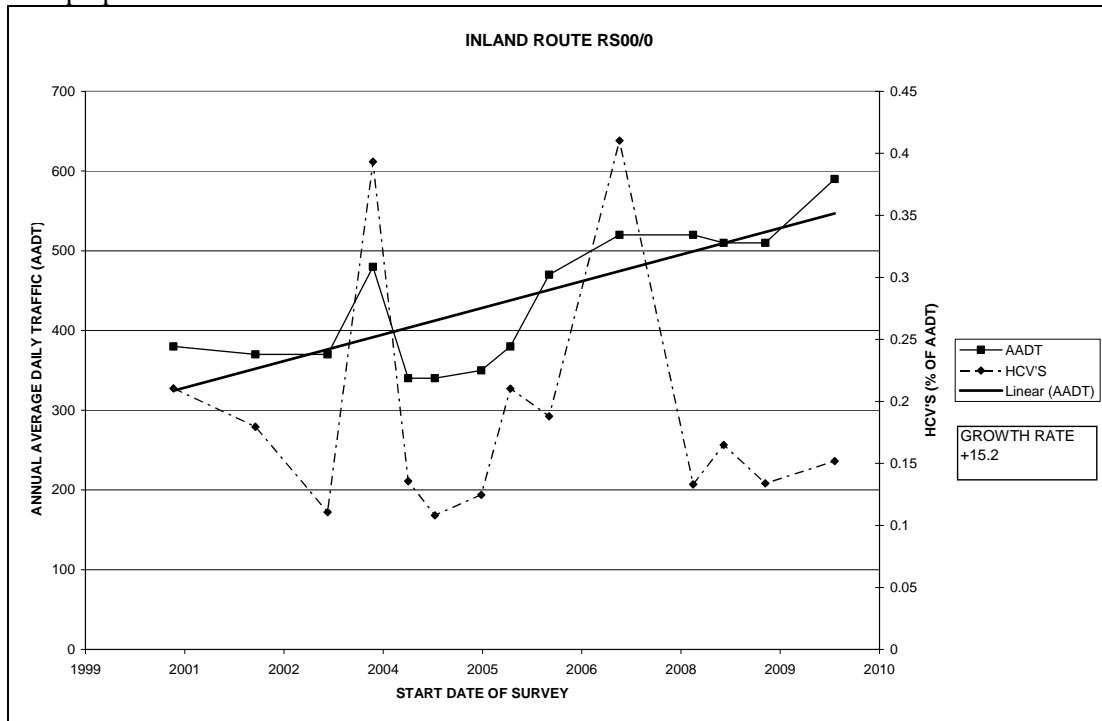
Inland Road -16/0– 301 Vehicles Per Day (vpd)

The vehicle movement for this part of Inland Road is steadily increasing since 2004 averaging an AADT of 227. The overall growth rate since 2001 is 5.13%. 30% of the vehicles were travelling above the 100kph posted limit.



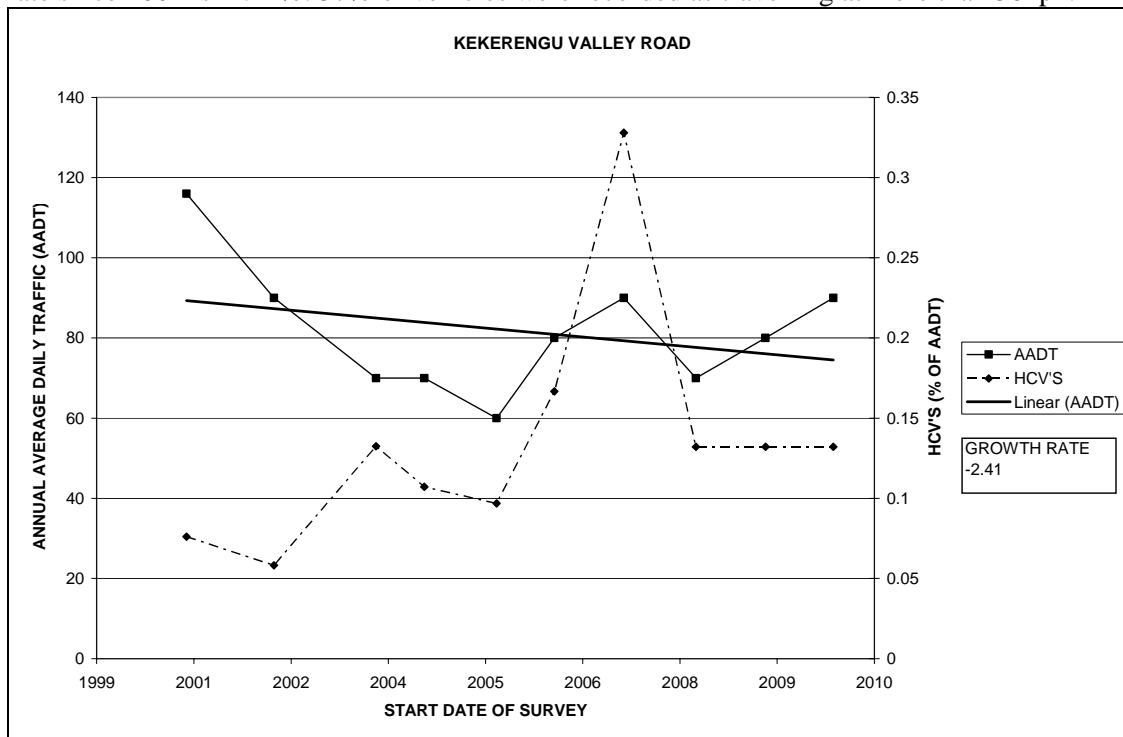
Inland Road 00/0– 592 Vehicles Per Day (vpd)

The vehicle movement for this part of Inland Road is steadily increasing since 2004 averaging at AADT of 590. The overall growth rate since 2001 is 15.2%. 11% of the vehicles were travelling above the 100kph posted limit



Kekerengu Valley Road – 89 Vehicles Per Day (vpd)

The Average Annual Daily Traffic for Kekerengu Valley Road for 2010 is 90. The overall AADT growth rate since 2001 is -2.41%. 57% of vehicles were recorded as travelling at more than 50kph.



Copies of the traffic count reports are sent to the Kaikoura Police for their information.

5.0 Quality

There were no quality issues during April 2010.

6.0 Environmental

There were no environmental issues in April 2010.

7.0 Traffic Control

There were no traffic control issues to report for the period.

8.0 Vegetation Control

The mowing and spraying of all rural roads is completed

9.0 Emergency Work

Nothing of significance to note

10.0 Inspections

The monthly roading inspection is being carried out as specified.

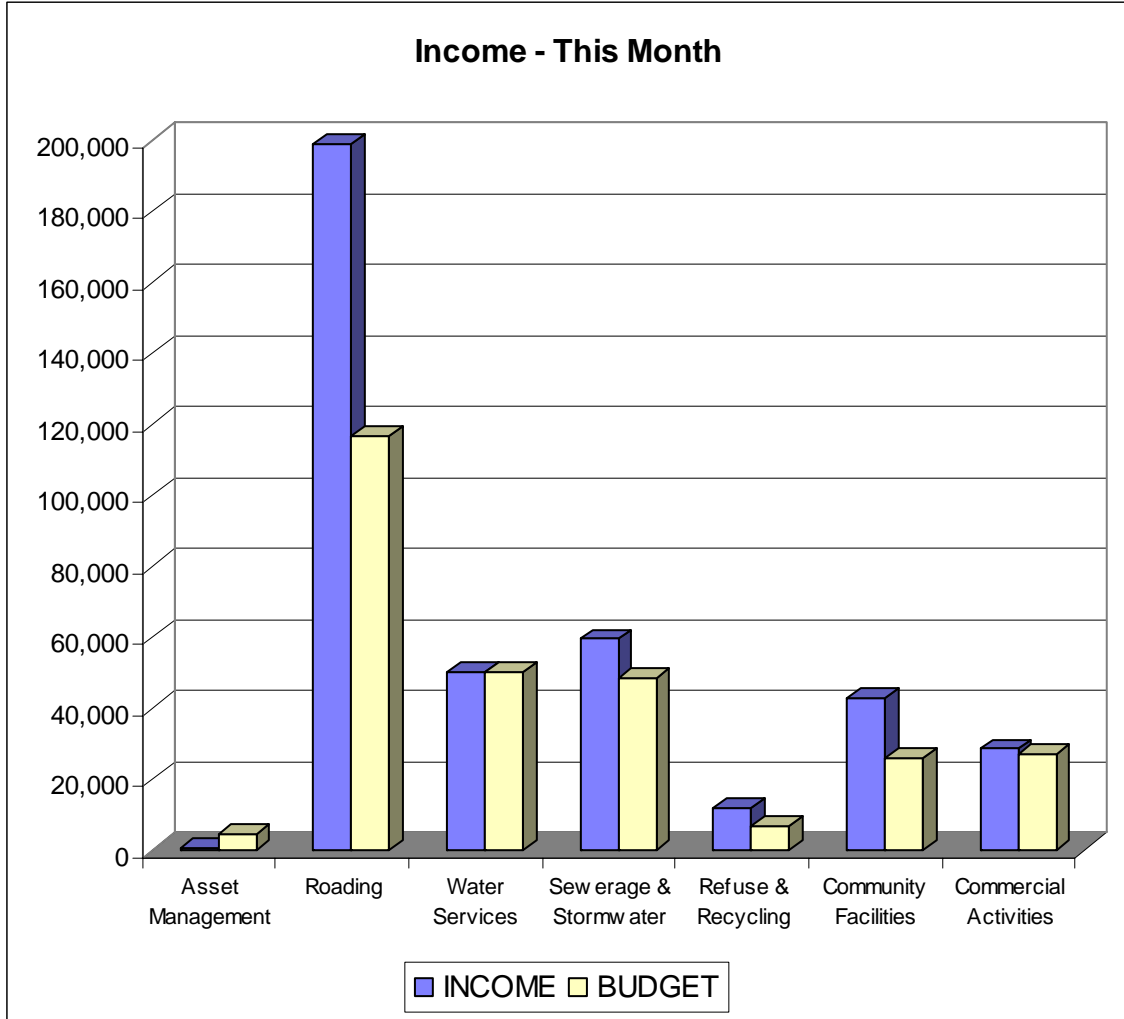
11.0 Monthly Performance Report

Performance Indicators	Type	Response	Number	Within Period	% Acceptable
Surfacing	Strategic	6 Weeks			
Surfacing	Local	8 Weeks			
Digouts	Strategic	6 Weeks			
Digouts	Local	8 Weeks			
Depressions	Strategic	6 Weeks			
Depressions	Local	8 Weeks			
Edge Break	Strategic	6 Weeks			
Edge Break	Local	8 Weeks			
Shoulder Maintenance	Strategic	6 Weeks			
Shoulder Maintenance	Local	8 Weeks			
Potholes	Strategic	2 Days			
Potholes	Local	7 Days	2	2	100%
Detritus & Slip Removal	Strategic	2 Days			
Detritus & Slip Removal	Local	7 Days			
Drainage	All	12 Hours			
Unsealed Pavement Potholes	Local	7 Days			
Unsealed Pavement Digouts	Local	6 Weeks			
Edge Marker Post	All	7 Days			
Signs and Chevrons	All	24 Hours	7	7	100%
Sight Rails and End Markers	All	48 Hours	1	1	100%

12.0 Summary of Work Completed in the Period

Road Name	Potholes	Other Sealing	Grading	Drainage	Bridges	Signs	Sight Rails	Other Signage	Vegetation	Various
HAPUKU SETTLEMENT			Grading Lovers Lane			Replace two new Lovers Lane signs				
BLUE DUCK VALLEY ROAD			Graded							
BRIGHTON STREET				Clean drain						
CLARENCE VALLEY ROAD		Limestone on soft spots	Graded							
EAST LANE			Graded							
ELLERTON VALHALLA ROAD			Graded							Repaired cattle stops broken rails and safety barrier
ESPLANADE ROAD				clean sump grates					Pick up rat-tails from Norfolk Pines	
FACTORY ROAD			Graded							
GLEN ALTON ROAD			Graded							
GRANGE ROAD	pothole									
GRAYS LANE										
GREEN LANE			Graded							

Works and Services Budget Report



Expenditure - This Month

