

**KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES
COMMITTEE MEETING HELD ON WEDNESDAY 20 JULY
2011 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 15/06/2011 *page 100*

4. Reports:

- **Works and Services Report** *page 1*
- **Roading Report** *page 6*
- **Works and Services Budget Report** *page 8*

5. Urgent Business

WORKS AND SERVICES REPORT

1.0 WATER SUPPLY

Urban Water

Operations – Kaikoura Urban Supply

The Kaikoura Urban supply operated fairly well during the reporting month.

Operations – Suburban Supply

There were no major problems with this system during the reporting month.

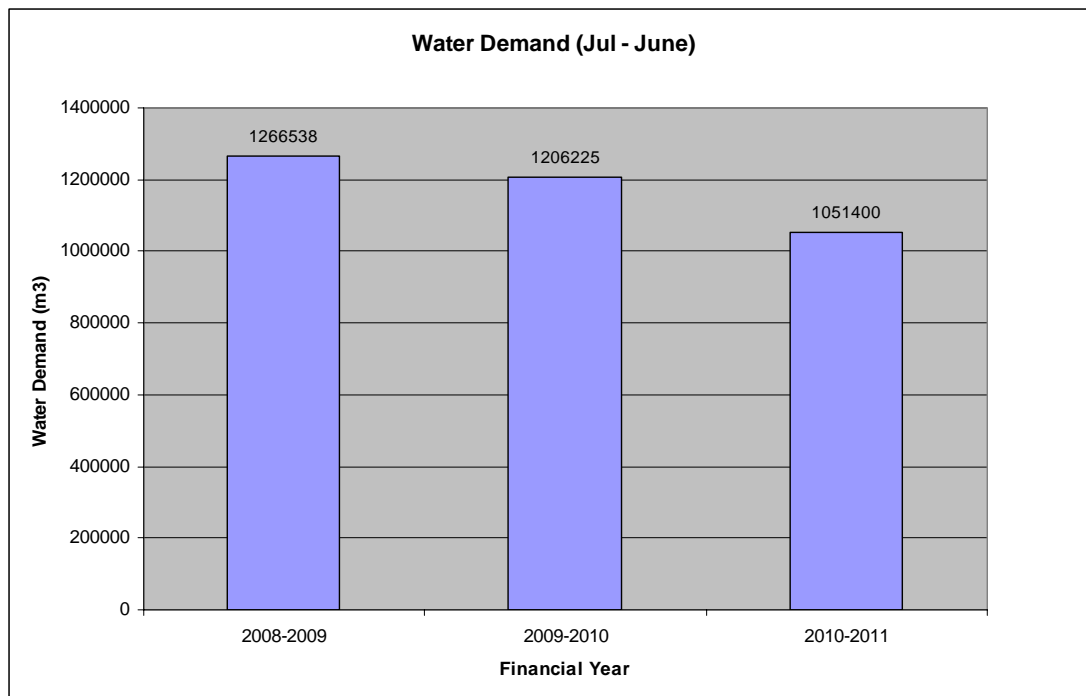
Water Demand

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 2007.

<i>Water Demand (m³/day)</i>				
	<i>Min (m³)</i>	<i>Avg (m³)</i>	<i>Max (m³)</i>	<i>Total Demand (m³)</i>
<i>April 2011</i>	2184	2525	2921	75615
<i>May 2011</i>	1980	2219	2465	68782
<i>June 2011</i>	1824	2160	2530	64822

Table 1: Water Demand for reporting period

Based on the financial year calendar, the cumulative water usage (demand) to date is shown in fig 1 below. For the financial year 2010/2011 we used on average 424m³/day less than we did in 2009/2010.



Kincaid Water Supply

The units for the UV and filtration system have been installed unfortunately the outlet and inlet pipes have not yet been connected to the system as we are still awaiting the materials from the suppliers.

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

Peninsula Tank

We have not received any updates from the Ministry of Health or Chorus regarding the extension of time or the acquisition of land to facilitate the installation of the Peninsula tank.

2.0 SEWER SYSTEM

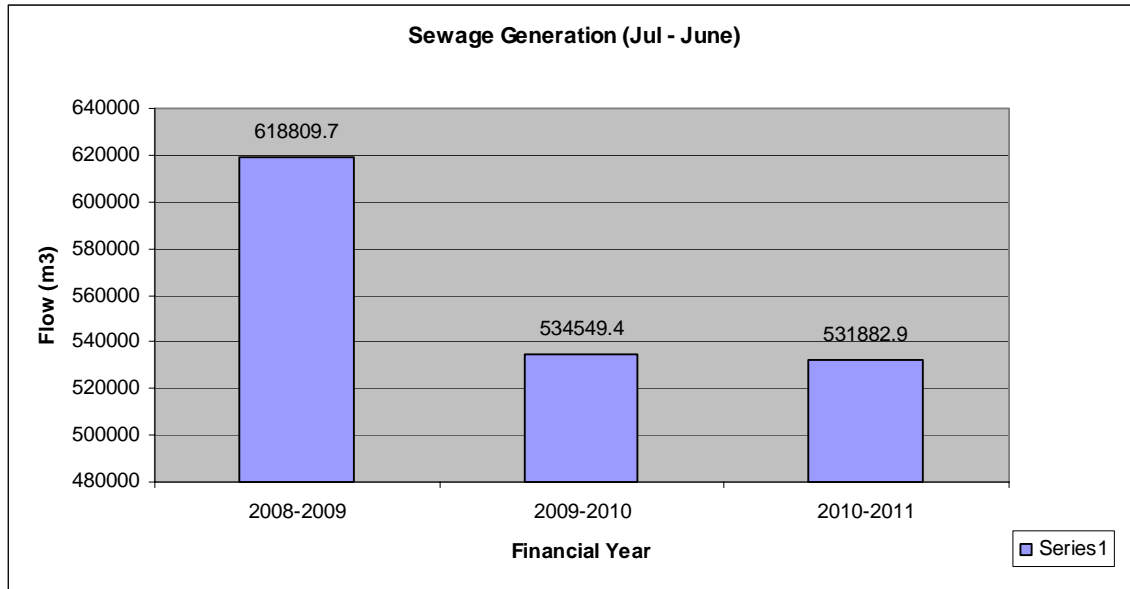
Table 3 below shows the average sewage flows for the reporting month as measured at the Mill Road pumping station while figure 2 on page 5 shows the sewage generation to date in comparison to previous years.

The total flow for the month of June 2011 was approximately 47,424m³

<i>Sewage flows (m3/day) – Mill Rd</i>			
	<i>avg</i>	<i>max</i>	<i>Total Flow</i>
<i>April 2011</i>	1526	2043*	47301
<i>May 2011</i>	1630	1926*	50542
<i>June 2011</i>	1581	1984*	47424

Table 2 : Sewage generated for reporting period

The measured Dissolved Oxygen (DO) averaged 5.7mg/l for the reporting month.



We have received the new pump for the South Bay pumping Station. At the time of writing this report the pump was being installed.

2.1 Sewer Renewals

Work for this project will commence on July 18th, 2011.

2.2 Aerated Lagoon

The aerated lagoon was completed and commissioned on June 29th, 2011. The suppliers of the aeration equipment will be back in Kaikoura after 3 months do some biological testing of the pond so as to ensure the pond is performing as per the design in terms of treatment efficiency and airflow flows.

3.0 STORMWATER

Urban Stormwater

There were no major issues for the reporting month.

4.0 PARKS AND RESERVES

Apart from some storm damage in areas such as Moa Point and the Esplanade, the parks and reserve sites are in fair condition.

5.0 PUBLIC TOILETS/

The Toilets are in fair condition.

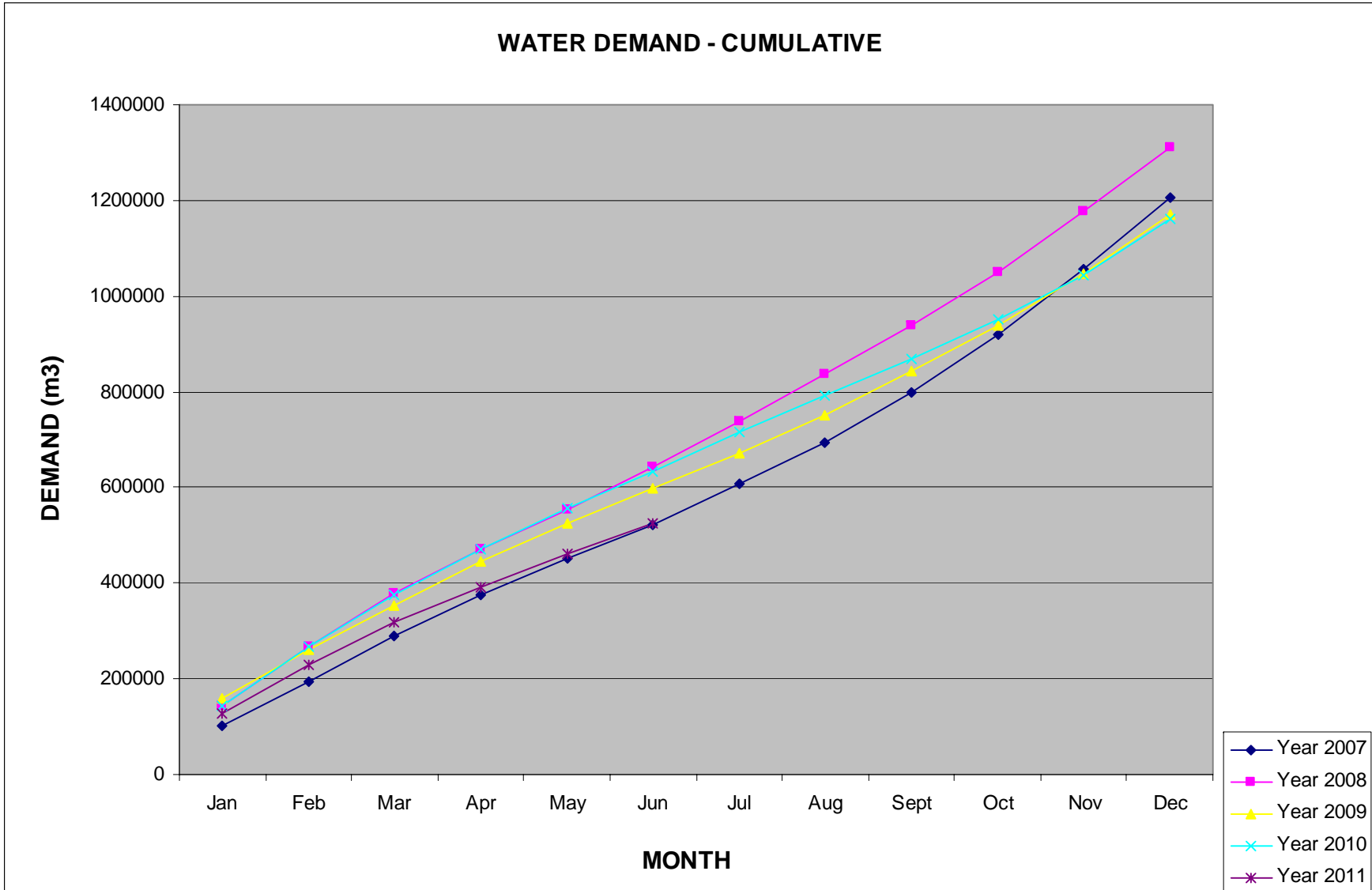


Figure 1: Yearly Cumulative Water demand

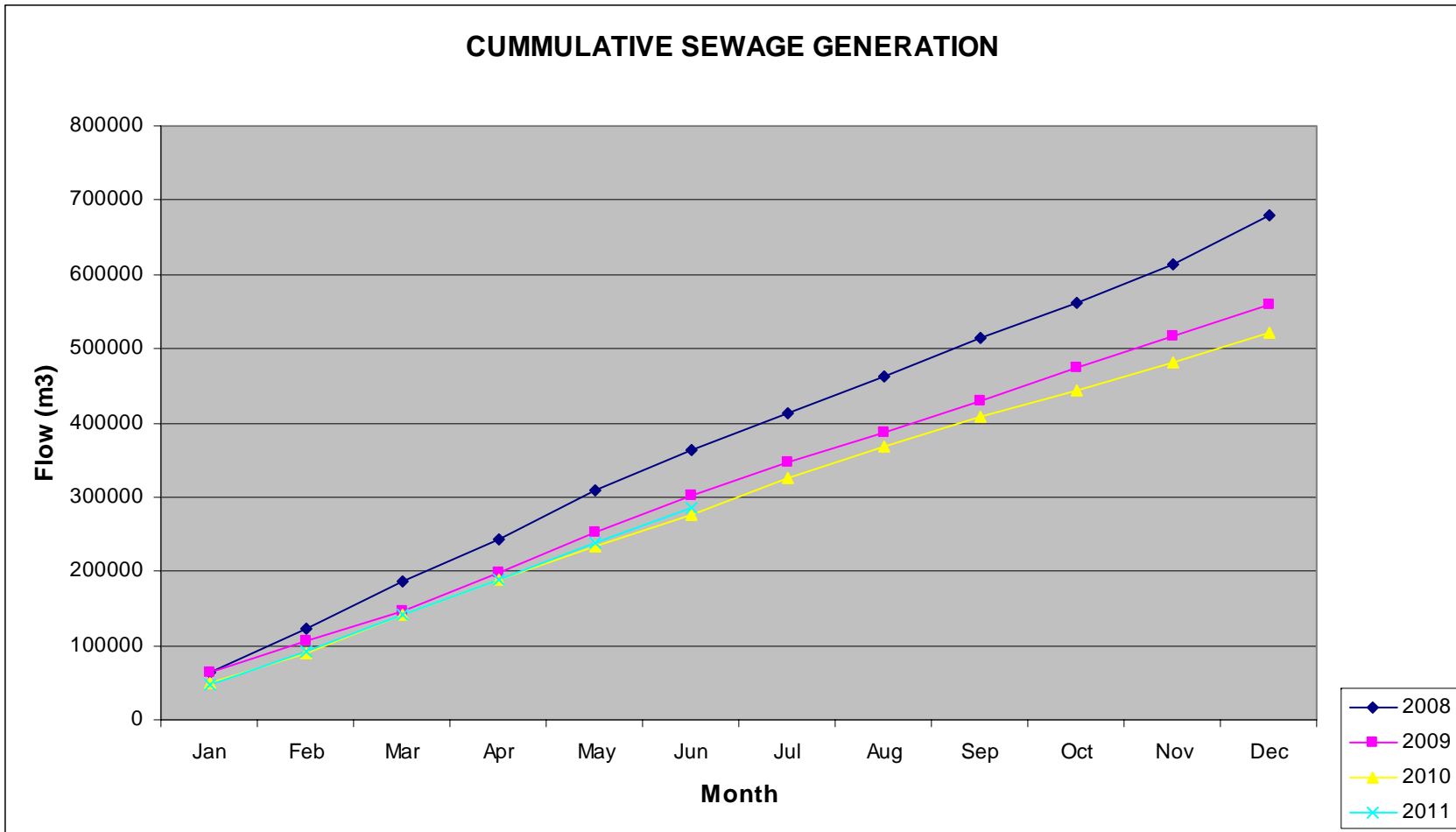


Figure 2: Yearly Sewage Generation

ROADING REPORT

1.0 Inland Road

The section of road between RP 10.63 to RP 10.97 and R.P 11.661 to R.P 11.885 on Inland Road has been failing for the past two years with significant rutting and frequent potholes. These sections are due for resealing in the 2011/12 financial year.

Instead of doing numerous digouts to fix the obvious failing areas under the pr-seal work, we have decided to carryout an area wide treatment (AWT) which will involve an average overlay of 140mm over the existing road surface.

2.0 Mt Fyffe Road – North -

This section of road has been formed and gravelled using AP20 limestone which is a much better material than AP20 river gravel for this type of road.

3.0 Work Completed –

In addition to other routine maintenance work the following roads were graded during the month of June 2011

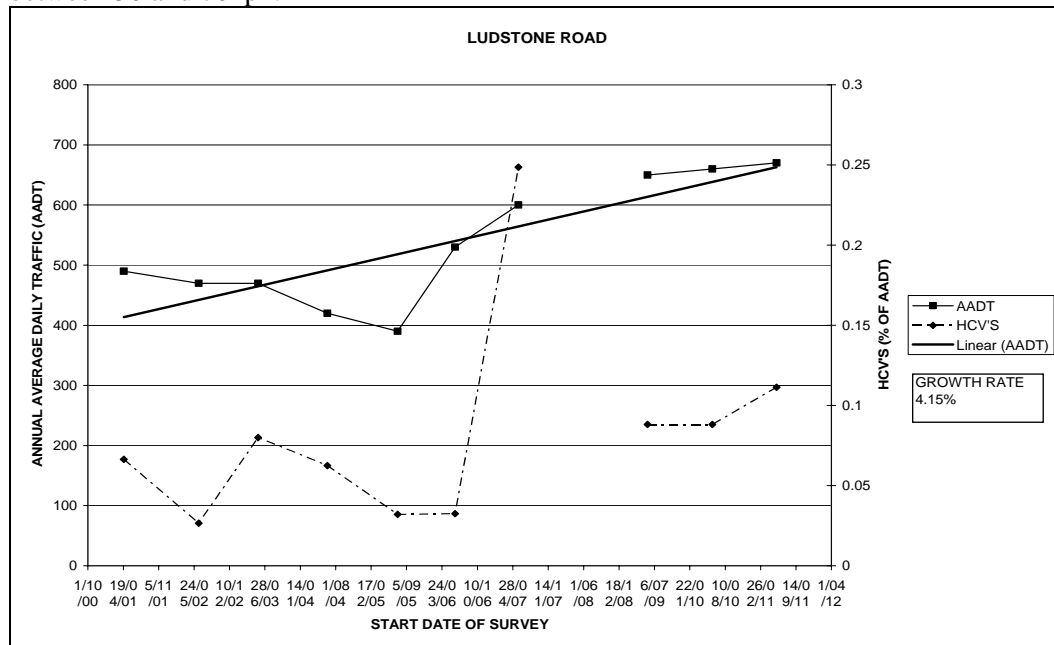
BURRELLS LANE	Graded
CHAPMANS ROAD	Graded
MOUNT FYFFE ROAD	Graded
POSTMANS ROAD	Graded

4.0 Traffic Count

Traffic Counts for the month of April 2011 were on Ludstone Road, Mill Road and Mt Fyffe Road

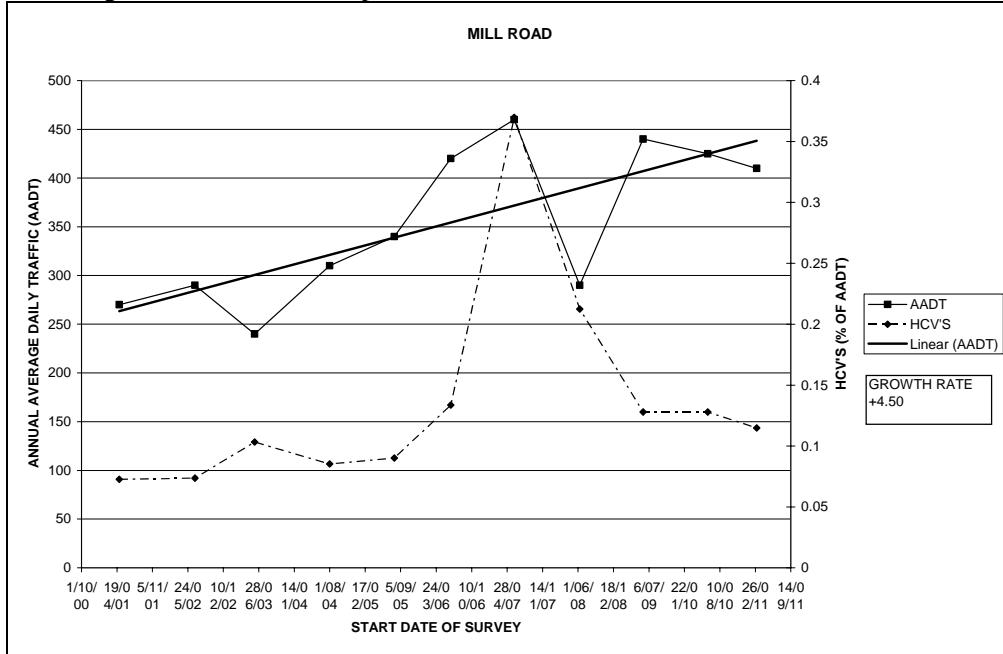
Ludstone Road– 631 Vehicles per Day (vpd)

The average annual daily count is 670 and the overall AADT growth rate since 2001 is 4.15%. 92% of the vehicles were travelling above the posted speed limit of 50kph. 69.5% were travelling between 50 and 70kph.



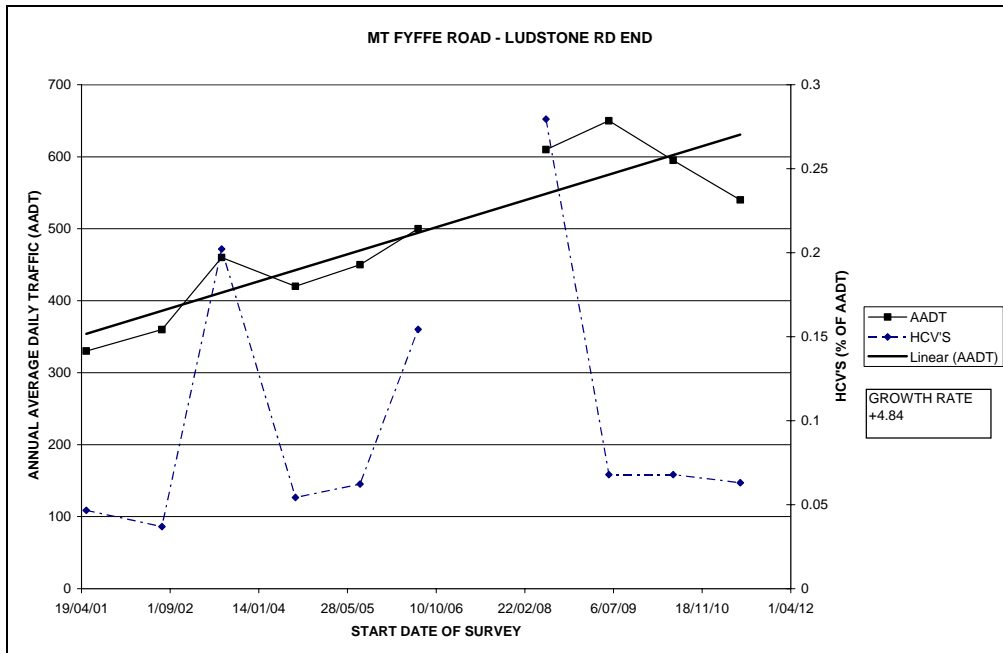
Mill Road– 407 Vehicles per Day (vpd)

The average annual daily count from 2011 is 410 and the overall AADT growth rate since 2001 is 4.15%. 92.6% of the vehicles were travelling above the posted speed limit of 50kph. 55% were travelling between 50 and 70kph.



Mt Fyffe Road – Ludstone Road - 512 Vehicles per Day (vpd)

The average annual daily count for 2011 is 540 and the overall AADT growth rate since 2001 is 4.5%. 44.2% of the vehicles were travelling above the posted speed limit of 80kph. 28.3% of these were travelling between 80 and 90kph.



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

5.0 Quality

There were no quality issues during June 2011

6.0 Environmental

There were no environmental issues during this reporting period.

7.0 Traffic Control

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

8.0 Monthly Performance Report – June 2011

Performance Indicators	Type	TOTALS	TOTALS OUTSIDE	% COMPLIED
Surfacing	Strategic	11	0	100%
Surfacing	Local	28	0	100%
Digouts	Strategic	1	0	100%
Digouts	Local	0	0	100%
Depressions	Strategic	0	0	100%
Depressions	Local	1	0	100%
Edge Break	Strategic	3	0	100%
Edge Break	Local	11	0	100%
Shoulder Maintenance	Strategic	0	0	100%
Shoulder Maintenance	Local	3	0	100%
Potholes	Strategic	124	24	81%
Potholes	Local	314	1	100%
Detritus & Slip Removal	Strategic	11	1	91%
Detritus & Slip Removal	Local	49	0	100%
Drainage	All	43	6	86%
Unsealed Pavement Potholes	Local	4013	101	98%
Unsealed Pavement Digouts	Local	0	0	100%
Edge Marker Post	All	130	0	100%
Signs and Chevrons	All	179	43	76%
Sight Rails and End Markers	All	6	0	100%

9.0 Inspections

The monthly roading inspection is being carried out as specified.

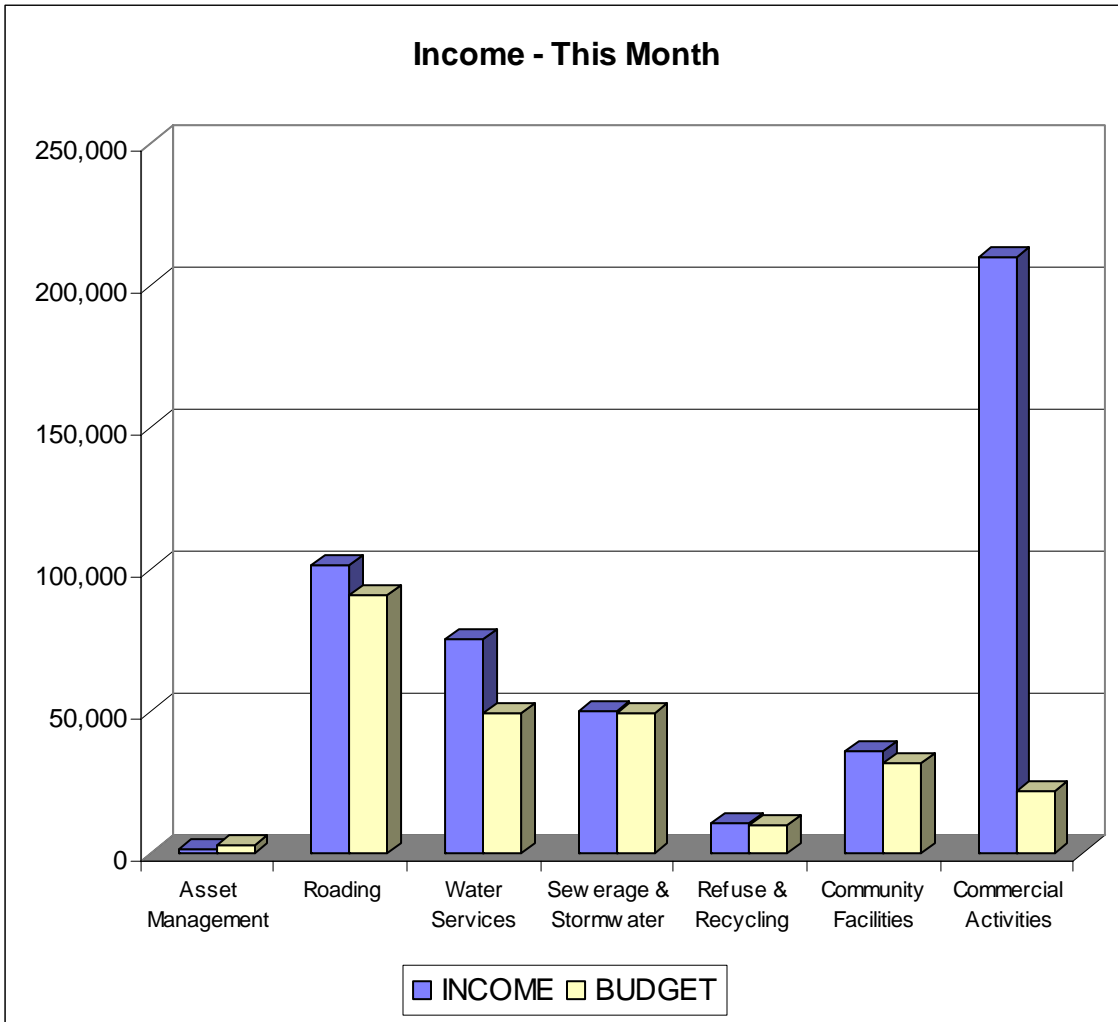
10.0 Summary of Work Completed in the Period June 2011

Road Name	Potholes	Other Sealing	Emergency Work	Grading	Surface Debris	Drainage	Markerposts	Signs	Sight Rails	Other Signage
ADELPHI TERRACE										
AUSTIN STREET										
AVOCA STREET					Sweep stones & rubbish from Fyffe house to Jimmy Armers Beach after high seas					
BAY PADDOCK ROAD						Fix scouring at 85 and 173				
BEACH ROAD - HAPUKU SETTLEMENT									New site rails	
BURRELLS LANE	138 potholes repaired			Graded						
CHAPMANS ROAD				Graded						
CLARENCE VALLEY ROAD		Limestone								
ELLERTON VALHALLA ROAD	37 potholes repaired									
ESPLANADE						Extend culvert				

HAPUKU ROAD			Place boulders for safety at old railway crossing							
HAWTHORN RD EAST		2nd coat sealing and prep & seal 3 entrance ways								
INLAND ROUTE RS00/0	3 potholes repaired		Check Inland Rd for ice							
INLAND ROUTE RS16/0	6 potholes repaired		Ice grit Fernleigh, Blacks Cutting, Little Linton, Kahautara Bridge, Greenburn					Slippery Surface		clean & paint slippery sign post
KEKERENGU VALLEY ROAD	81 potholes repaired									
MOUNT FYFFE ROAD		Limestone		Graded						
POSTMANS ROAD				Graded						
RAKANUI ROAD									Repair site rails	
TAKAHANGA TERRACE		gravel 3 drive ways								

WARD STREET	44 potholes repaired									
WIFFINS ROAD	27 potholes repaired									
YARMOUTH STREET		2nd coat seal								

Works and Services Budget Report



Expenditure - This Month

