

**WORKS AND SERVICES COMMITTEE MEETING HELD
ON WEDNESDAY 21 SEPTEMBER 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 17/08/2011

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4. Reports:

- **Works and Services Report**
- **Roading Report**
- **Works and Services Budget Report**

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5. Old Public Jetty at South Bay

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6. 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 3 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>
June 2011	1824	2160	2530	64822
July 2011	2154	2308	2803	71556
Aug 2011	1946	2408	3135	74660

Table 1: Water Demand for reporting period

Based on the financial year calendar, the cumulative water usage (demand) to date is shown in the figure below.

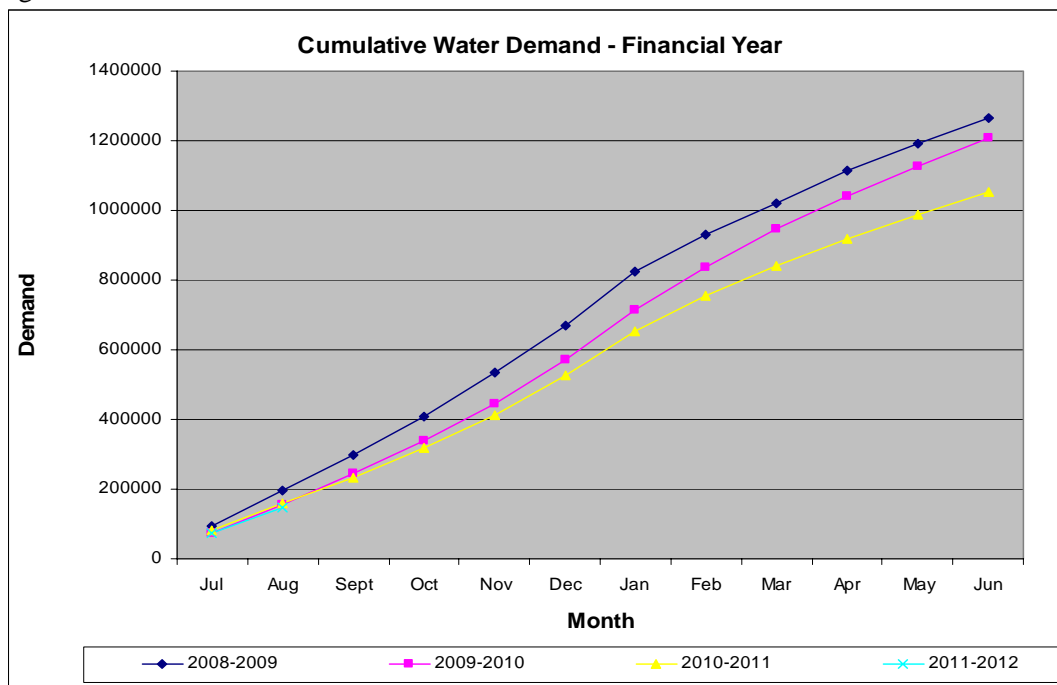


Figure 1: Financial Year cumulative Demand

Kincaid Water Supply

The booster pump for the Kincaid supply and the restrictor is with Fulton Hogan and is expected to be installed by 24 September 2011.

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

Peninsula Tank

Chorus has requested a valuation on the new tank site, this was forwarded to them. We have also confirmed for them that the tank will be located outside the no build zone that they have identified on the site. We are waiting on them to provide an update on progress.

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 4 on page 5 shows the sewage generation to date in comparison to previous years.

The total flow for the month of August 2011 was approximately 33,515m³.

As a result of the sewer renewal works carried out the flow towards the end of August gradually declined and has been averaging approximately 930m³/day since then. This is the lowest average flow we have seen into the sewer system for the past 6 years. We will continue to monitor and observe the trend over the period and try to quantify the effect of the renewals for the section of main completed.

<i>Sewage flows (m3/day) – Mill Rd</i>			
	<i>avg</i>	<i>max</i>	<i>Total Flow</i>
<i>June 2011</i>	1581	1984*	47424
<i>July 2011</i>	1781	2231	55196
<i>Aug 2011</i>	1081	1427	33515

Table 2 : Sewage generated for reporting period

The measured Dissolved Oxygen (DO) averaged 10.5mg/l for the reporting month.

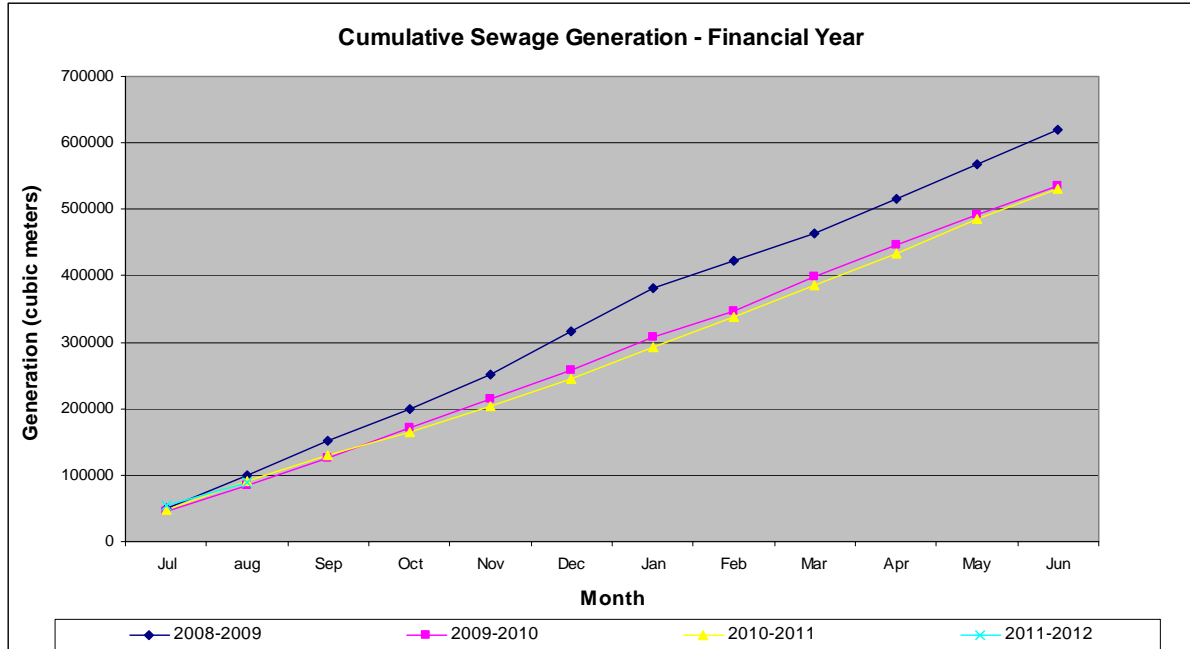


Figure 2: Financial Year cumulative Sewage Generation

3.0 STORMWATER

Urban Stormwater

There were no major issues for the reporting month.

4.0 PARKS AND RESERVES

The majority of the parks and reserve are in fair condition with a few areas requiring attention.

We have improved the Whitby Place walkway and will be upgrading another section of Tom's Track.

5.0 PUBLIC TOILETS

The toilets are in fair condition.

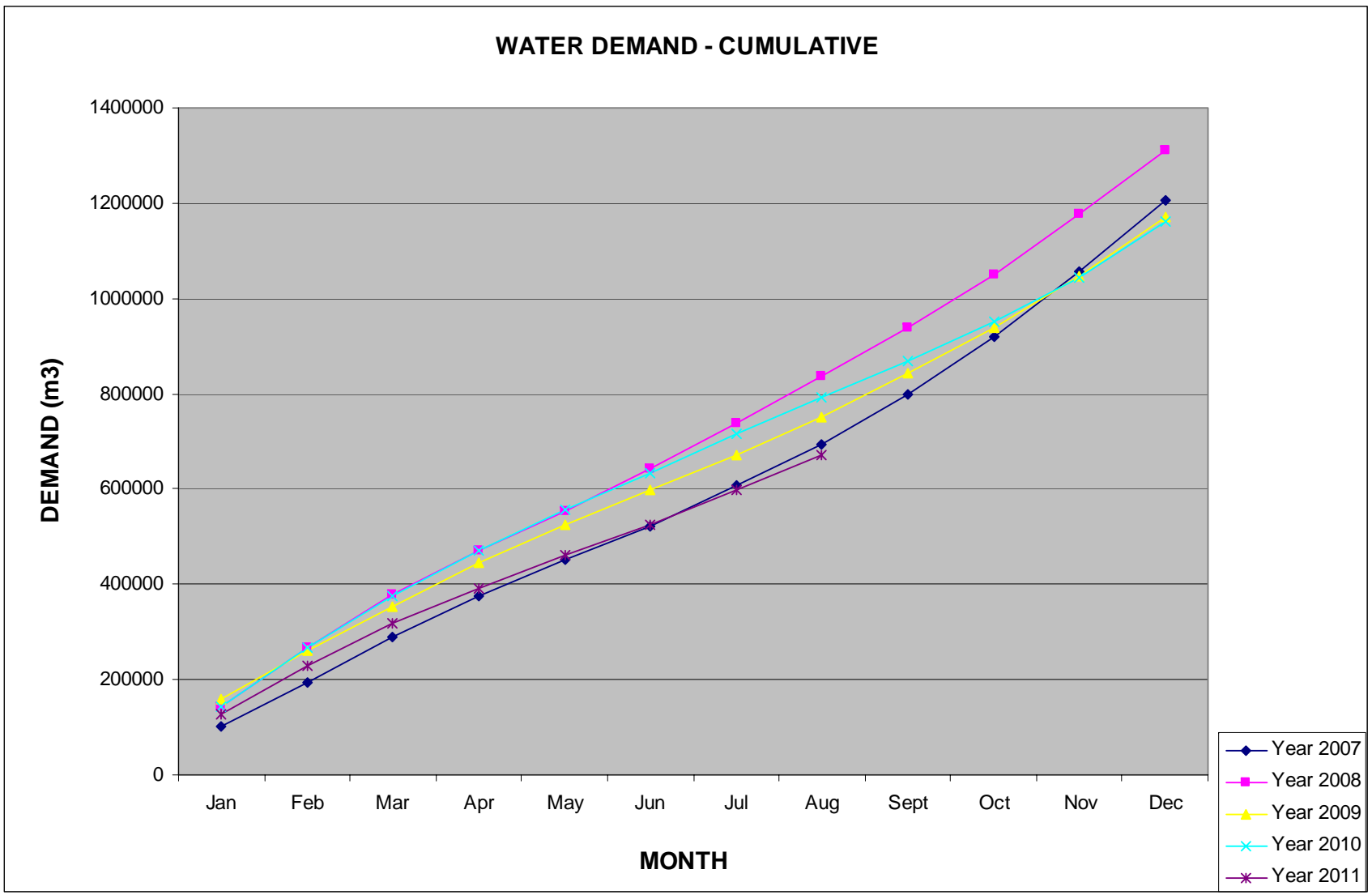


Figure 3: Yearly (calendar) Cumulative Water Demand

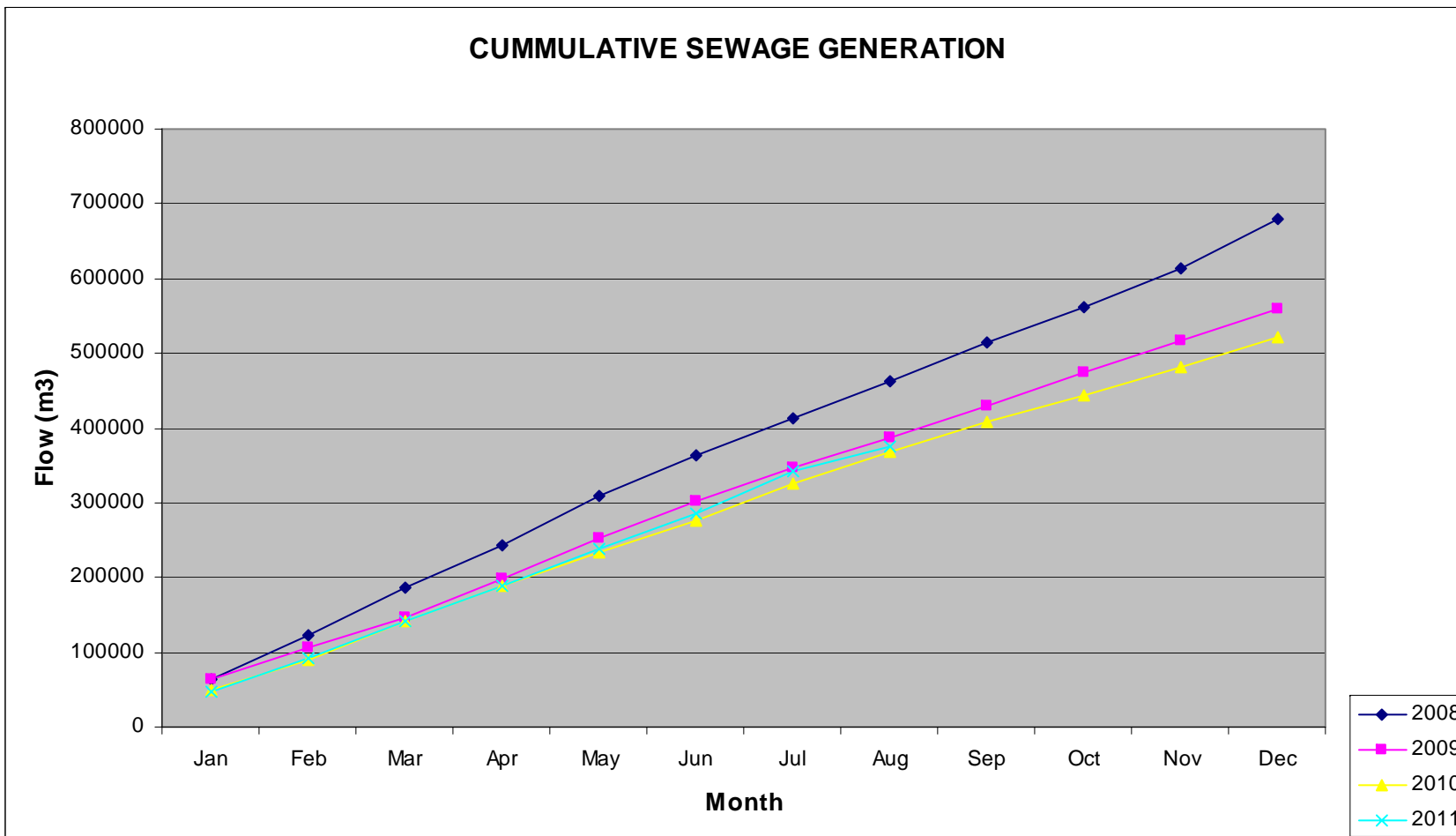


Figure 4: Yearly (calendar) Sewage Generation

ROADING REPORT

1.0 Street Lighting Upgrade - Esplanade

The streetlight upgrade along the Esplanade between Margate Street and Torquay Street is now complete. Six new lights were installed and all the overhead cables removed. The only section along the Esplanade with new streetlights and the undergrounding of MainPower cables is the section from Margate Street to Yarmouth Street.

2.0 Bridge Inspection -

The annual bridge inspections report has been received and sent to the contractor to price the work.

3.0 Inland Road

Due to the heavy snow the Inland Road was closed for nearly three days.

4.0 Seal Pavement Rehabilitation – Inland Road

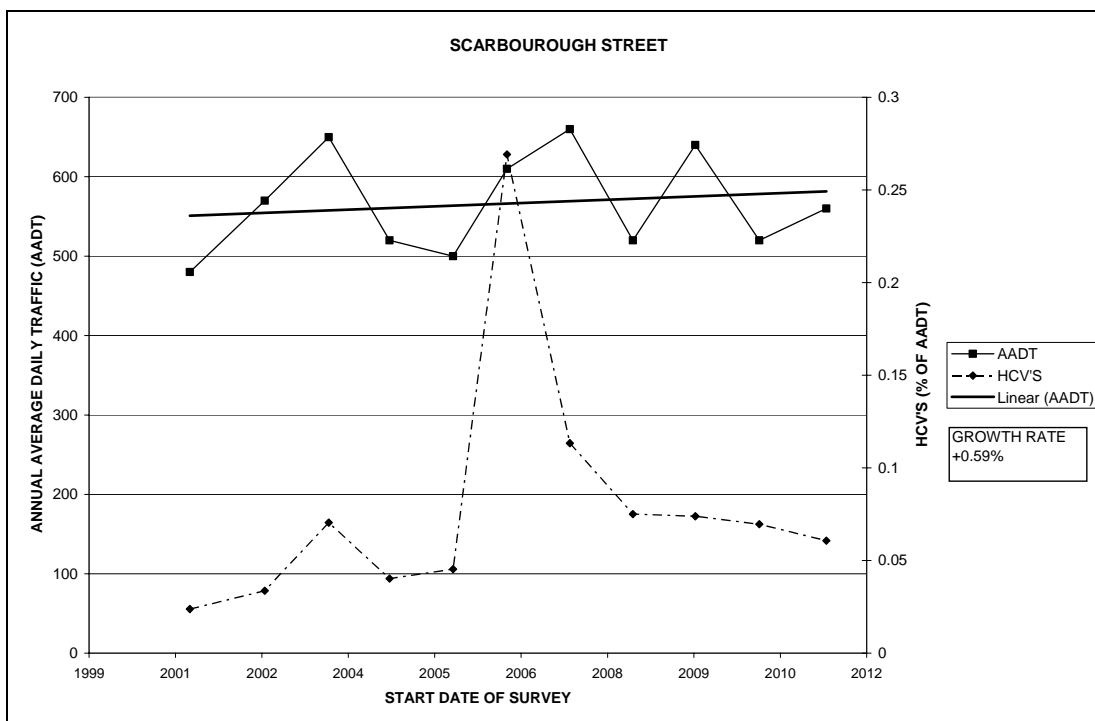
We have received two prices for this work and Fulton Hogan's price was the lowest. The work is scheduled to be completed by the end of November 2011.

5.0 Traffic Count

Traffic count for the month of August 2011 were on Scarborough Street, South Bay Parade and Schoolhouse Road

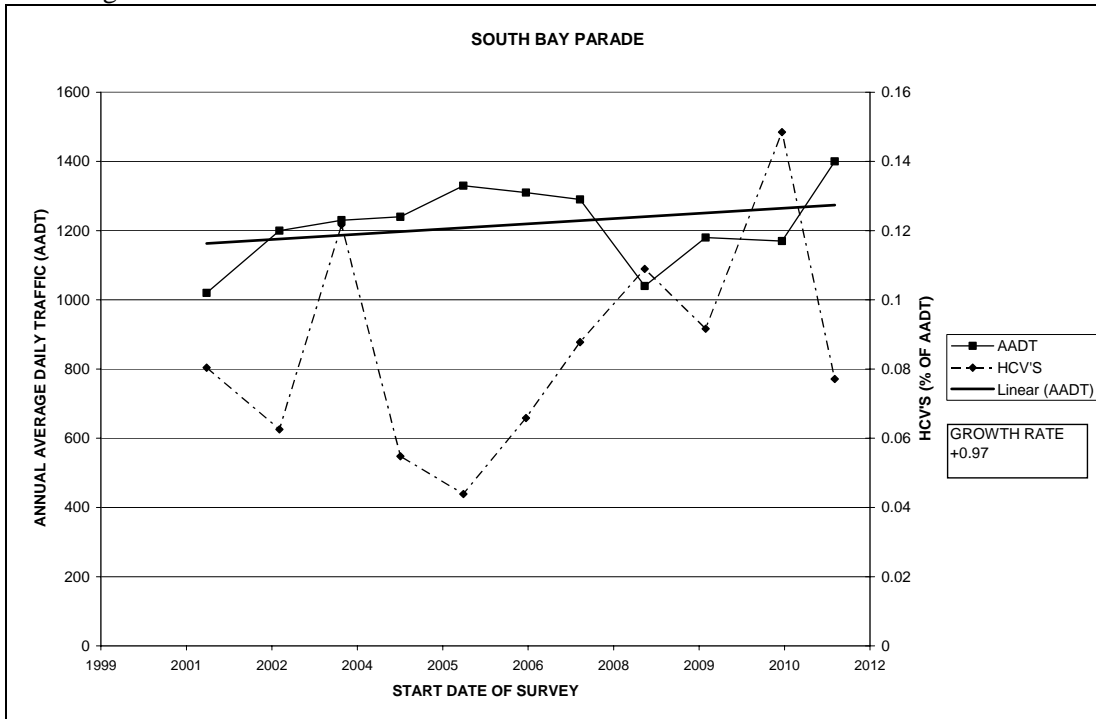
Scarborough Street – 570 Vehicles per Day (vpd)

The average annual daily count is 560 and the overall AADT growth rate since 2001 is 6.1%. 80% of the vehicles were travelling above the posted speed limit of 50kph. 46% were travelling between 50 and 60kph.



South Bay Parade – 1276 Vehicles per Day (vpd)

The average annual daily count for 2011 is 1400 and the overall AADT growth rate since 2001 is 0.97%. 41% of the vehicles were travelling above the posted speed limit of 50kph. 51% were travelling between 50 and 60kph.



Schoolhouse Road – The data obtained from Schoolhouse Road was not reliable and will need to be done again.

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

6.0 Quality

There were no quality issues during August 2011

7.0 Environmental

There were no environmental issues during this reporting period.

8.0 Traffic Control

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

9.0 Kaikoura Airport

The construction of the commercial Hangar at the Airport is 99% complete with some minor works to be finished.

The Airport Committee is proposing that the Airport entrance be upgraded to portray a good image of Kaikoura given that it is one of the first locations that visitors see when entering Kaikoura. The proposed upgrade work is shown in the attached drawings and will include some carving work.

The estimated cost of the upgrade works is \$14,000. Below is a breakdown of the estimated costs to implement the works

Airport Entrance Upgrade Works Costing		
1	Fencing / Landscape Option	2300
2	Entrance Masonry Block Work	4000
3	Civil Works - Kerbing and construction of foundation for carvings	1500
4	Carvings	6000
5	Miscellaneous Items	200
	Total Amount	\$14000

The Committee is requesting that Council provide funding for the proposed upgrade works.

Depending on the availability of funds if the works can not be implemented at the same time then it is recommended that the project be staged and funded as shown below

1 st	Civil Works – Kerbing	\$1500	Fri 7/10/11
2 nd	Complete the fence line landscaping	\$2300	Fri 14/10/11
3 rd	Masonry Block Work	\$4000	Mon 2/7/12
4 th	Carvings - Possible funding from outside source		Thu 15/9/12

10.0 Monthly Performance Report – August 2011

Performance Indicators	Type	Response	Response	Number	Outside Period	% Acceptable
Surfacing	Local	8 Weeks	56	1	0	100%
Shoulder Maintenance	Local	8 Weeks	56	1	0	100%
Potholes	Strategic	2 Days	2	24	0	100%
Detritus & Slip Removal	Strategic	2 Days	2	1	1	0%
Detritus & Slip Removal	Local	7 Days	7	4	0	100%
Drainage	All	12 Hours	1	3	1	67%
Unsealed Pavement Potholes	Local	7 Days	7	291	0	100%
Signs and Chevrons	All	24 Hours	1	24	0	100%
Sight Rails and End Markers	All	48 Hours	2	2	0	100%

11.0 Inspections

The monthly roading inspection is being carried out as specified.

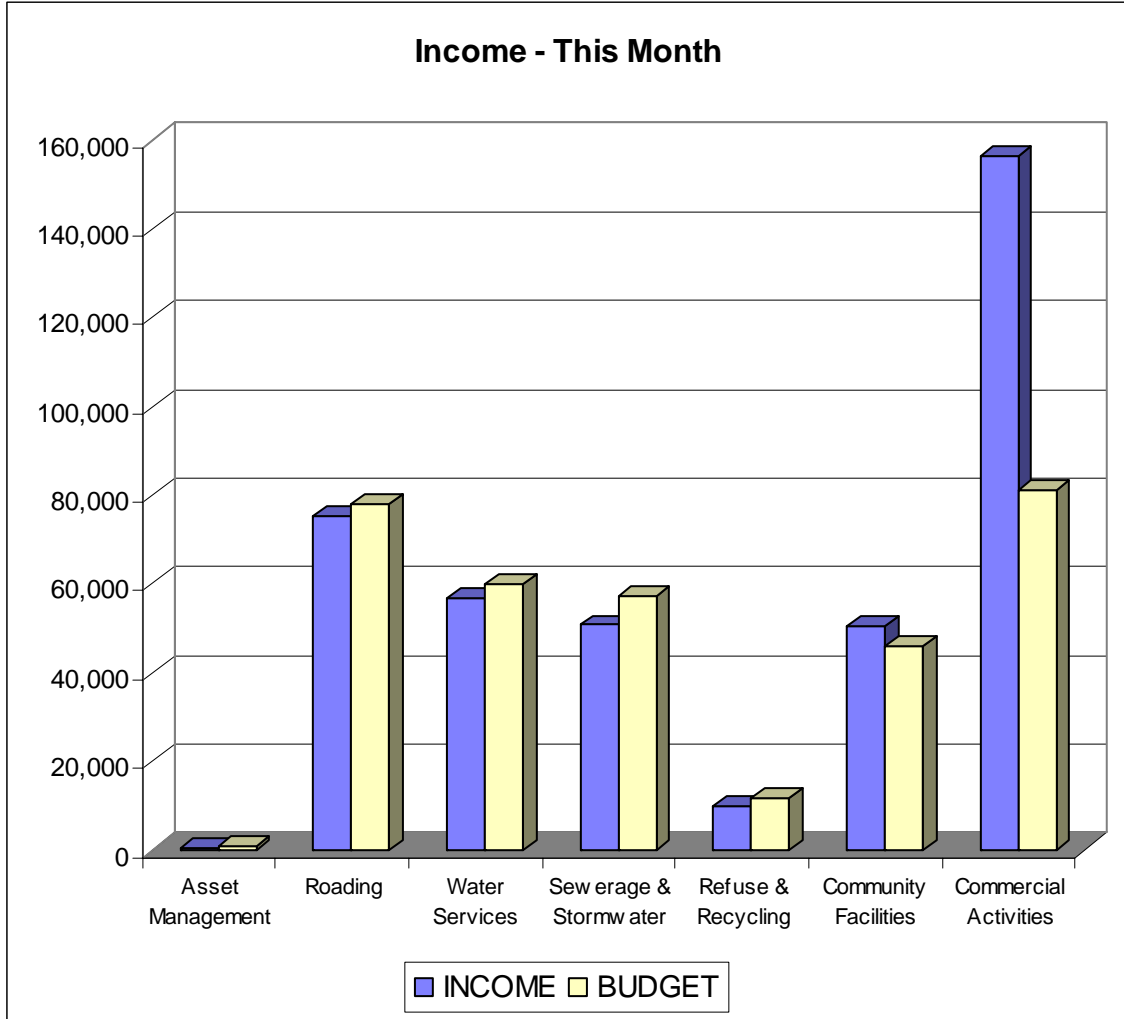
12.0 Summary of Work Completed in the Period August 2011

Road Name	Potholes	Other Sealing	Emergency Work	Surface Debris	Drainage	Signs	Sight Rails	Other Signage	Vegetation	Various
BAY PADDOCK ROAD					Culvert & Head wall					
BEACH ROAD						19/08 Reinstate Middle Creek Bridge sign RHS, Harnetts Bridge sign both sides, Harnetts Rd Chevron, Skevington Rd Giveway and road sign and again 22/08 - replace damaged post on 50/100 sign				
BLUE DUCK VALLEY ROAD			Check road after heavy snow		Clear drain					
CLARENCE VALLEY ROAD										Road inspection
EAST LANE	57 potholes repaired									Road inspection
ELLERTON VALHALLA ROAD	115 potholes repaired						Replace damaged sight rail			Road Inspection
ESPLANADE ROAD		Prep & seal by Bus turn								
INLAND ROUTE RS00/0	24 potholes repaired		Ice Grit - Grade snow Road closed							

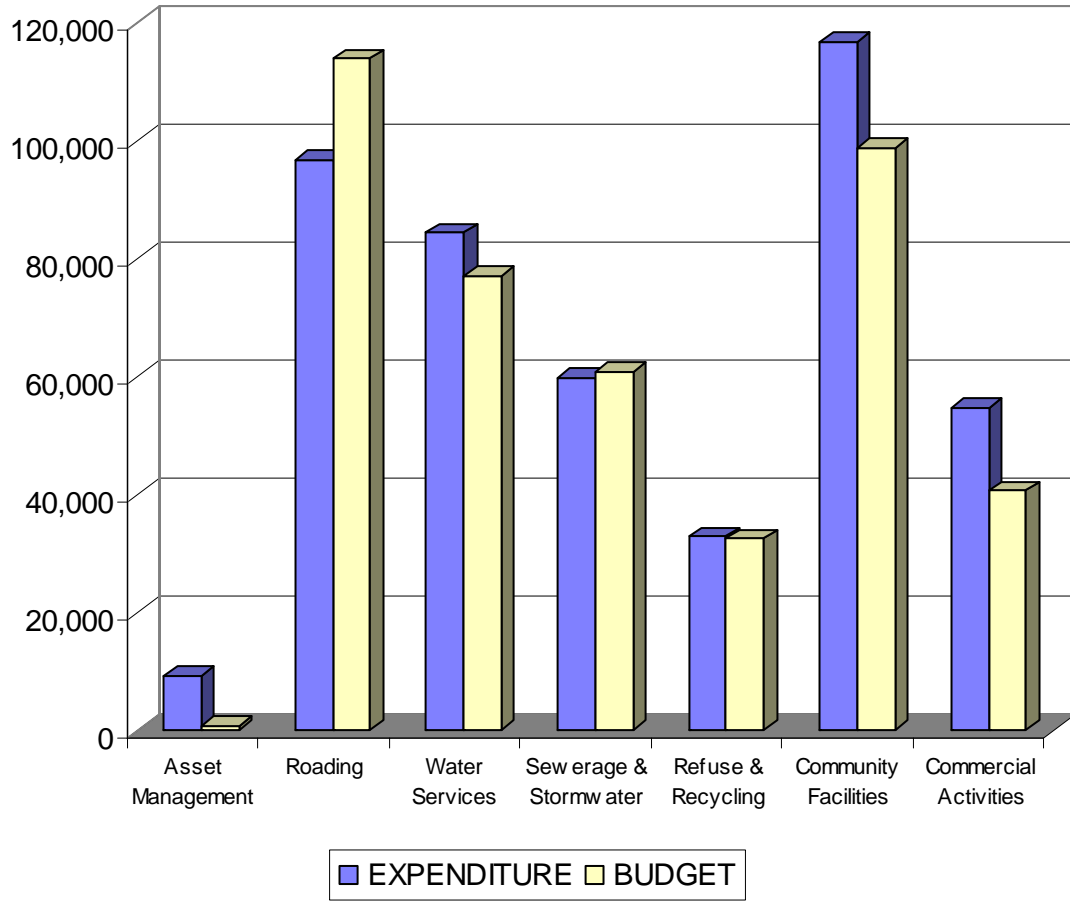
			15th and 16th opened 17th at lunch time						
INLAND ROUTE RS16/0			Ice Grit - Grade snow Road closed 15th and 16th opened 17th at lunch time					Cut tree branches hanging over road after snow	
KAKA ROAD				Clean up storm damage high seas					
KEKERENGU VALLEY ROAD	63 potholes repaired								Road inspection
KILLARNEY STREET UPPER					Clear drain				
KIWA ROAD									Road inspection
LOVERS LANE	16 potholes repaired								
LUDSTONE ROAD						straighten sign post on crn Mt Fyffe Rd - straighten 45K sign crn Red Swamp Rd			
MATARIKI ROAD									Road inspection
MCINNES ROAD		Patch gravelling							

MILL ROAD								Replaced 6 culvert markers and new numbers		
MOA ROAD				cart debris away						
MOUNT FYFFE ROAD				Sweep intersection Ludstone Rd		Post damage crn Postmans Rd - 70/80 sign reinstate				
POSTMANS ROAD						Waiman Ford signs reinstate				
PUHI PUHI ROAD			Check road after heavy snow		Place sock on outlet end of pipe - Rock protection with Gabion Baskets					
SCARBOROU GH STREET					Raise sump 294 Scarboroug h	New post for 50K sign				
SCOTTS ROAD		Patch gravelling				New Scotts Rd sign - replace post and attach sign				
SILVER SPRINGS ROAD										Road inspection
SOUTH BAY PARADE		Prep & Seal entrance to Reserve								

Works and Services Budget Report



Expenditure - This Month



OLD PUBLIC JETTY AT SOUTH BAY

The old public jetty at South Bay opposite the marina toilets is again damaged; one of the piles is completely eaten by shipworms rendering the jetty unusable and a danger to the public. Work on the prevention of worm activity was completed in 1997. This may have delayed the process but has not stopped the worms from getting into the timber piles.

The estimated cost received to repair the pile and other accessories around it is \$13,000. There is no guarantee that the other two adjacent piles will not suffer the same fate.



Given that a new public jetty was constructed at the site in 2006 between the public slipway and the old jetty we believe that we should not be spending anymore money on maintaining the old jetty and it should be removed.

We have consulted with both Dolphin Encounter and Whale Watch to obtain their opinion on the use of the new jetty. Both have responded that they are of the same view that the new jetty should be used by all and any spending if required should be directed to the new jetty.

Recommendation

It is recommended that Council give approval for the old public jetty to be decommissioned.

