

**KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES  
COMMITTEE MEETING HELD AT 9.00AM ON  
WEDNESDAY 20 FEBRUARY 2008 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 19/12/2007*

*page 74*

*4. Minutes Action and Issues List Update*

<b>MEETING</b>	<b>ACTION REQUIRED</b>	<b>BY</b>	<b>DATE ACTIONED</b>
	<b>18 APRIL 2007</b>		
Works & Services	Form a strategy with Environment Canterbury, Department of Conservation and Police to manage motorbikes on reserve at South Bay following petition from South Bay residents	Engineering Support Officer	A task group has been formed including representatives from DOC, Police, Council and three Councillors: B Woods, M McChesney and J Macphail. A meeting of has been arranged to take place on 19 February to help develop a strategy to try and resolve this problem.
	<b>19 SEPTEMBER 2007</b>		
Works & Services	Arrange possible meeting with graffiti offender, parents, CEO, Mayor and 2 Councillors	CEO	In Progress
	<b>21 NOVEMBER 2007</b>		
Works & Services	Prepare a priority programme for undergrounding of power in the district.	Gallo	In Progress
	<b>19 DECEMBER 2007</b>		
Works & Services	Councillors Woods, Macphail & McChesney & Asset Manager to meet with South Bay motorbike culprits and parents to try	Councillors Woods, McChesney and Macphail &	Meeting to be arranged. – Refer first item on list.

	and resolve motorbikes on South Bay beaches issues.	Gallo	
Works & Services	Promote water conservation and encourage recreational use of the ocean in future Council newsletters	Office Manager	To be included in future monthly newsletters.

**5. Reports:**

- **Works and Services Report** *page 1*
- **Roading Report** *page 6*
- **Works and Services Budget Report** *page 15*

**6. Urgent Business**

# WORKS AND SERVICES REPORT

## General Works

### 1.0 Water Supply

#### *Urban Water*

#### **Operations**

Fords reservoir experienced low water levels during the month of January as a result of which a water conservation notice was sent to the public.

#### **Water Demand**

Table 1 below shows the average water demand for the reporting month measured from the new source.

<i>Water Demand(m<sup>3</sup>/day)</i>			
	<i>min</i>	<i>avg</i>	<i>max</i>
<i>Nov 2007</i>	3413	4552	5347
<i>Dec 2007</i>	3893	<b>4770</b>	<b>5621</b>
<i>Jan 2008</i>	3638	4648.5	5569

**Table 1: Water demand for reporting period**

#### ***Kincaid Water Supply***

Towards the end of January Kincaid reservoir experienced low water levels and as a result the gallery (Waimangarara head works) was cleaned.

#### ***Fernleigh Water Supply System***

The consent to take water from the new bore has now been issued as a variation to the existing consent. The variation allows for water to be taken from both bores however water must not be taken simultaneously.

#### ***Capital Assistance Programme (CAP Funding)***

Council has received correspondence from the ministry of Health approving some funding for upgrade works at some of our small water supplies. The table below details the funding amounts and what the funds are to be used for.

Facility	Project Cost (\$)	Funding Applied for (incl. GST)	Funding Received (INCL. GST)	Description of works funded	Comments
Kincaid	151,031.25	\$120,825.00	\$53,700.00	Supply and installation of one 400m <sup>3</sup> timber storage tank	If this is the amount been funded for the works to be implemented Council (Kincaid Committee) will need to identify and fund approximately \$100,000.00. Te other alternative is to reduce the scope of work
East Coast Rural	\$11,954.02 (\$9,014.40)	\$9,563.22 (\$7,211.52)	\$783.00	The projects been funded are capping of the bore well head and Determining security of the groundwater.	A difference of \$1,568.70 will need to be funded by Council. Note that if the bore cannot be confirmed as secure the PHRMP will need to be revised at which time it can be determined what additional works is required and the funding that can be applied for.
Peketa	\$17,773.88	14,219.50	\$9,479.00	Capping of bore well head, installation of UV and Cartridge filtration and also connection to telemetry.	A difference of \$8,294.88 will be funded by Council. \$20,000.00 was budget by Council for these works.
Oaro	\$28,830.38 (\$14,011.8)	\$23,064.30 (\$11,209.5)	\$10,537.00	Installation of 60m <sup>3</sup> storage tanks and fencing off tanks.	Council originally budgeted \$1,000.00 for fencing of the tanks however the Public Health Risk Management Plans has identified that additional storage is required. Hence Council will need to fund \$4,281.58 and will need to find an extra \$3,281.58

**Table 2: CAP Funding**

The figures in bracket are the cost for developing as-built plans however the Ministry of health does not fund as-built plan hence these sums were deducted from the overall project and funding cost.

## **2.0 SEWER SYSTEM**

### ***Urban Reticulation***

Table 2 below shows the average sewage flows for the reporting month as measured at the Mill Rd pumping station.

<b><i>Sewage flows (m<sup>3</sup>/day) – Mill Rd</i></b>		
	<b><i>avg</i></b>	<b><i>max</i></b>
<b><i>Nov 2007</i></b>	1390	1667
<b><i>Dec 2007</i></b>	1879	2378
<b><i>Jan 2008</i></b>	2075	2299

**Table 3: Sewage generated for reporting period**

The measured Dissolved Oxygen (DO) averaged 5.5mg/l and 3.7 for the months of December and January respectively while an average of 9.2 was recorded for the month of November.

There has been some fluctuation in the DO during the reporting months with DO falling below 2 on 4 occasions during each of the reporting months.

## **3.0 STORMWATER**

### ***Urban Stormwater***

As expected, there has been no operational problem with the storm-water system for the reporting month.

## **4.0 PARKS & RESERVES**

The areas are fairly maintained however rose beds in the Garden of Memories appears to be dying. The Contractor is trying to have the plants watered occasionally.

## **5.0 PUBLIC TOILETS**

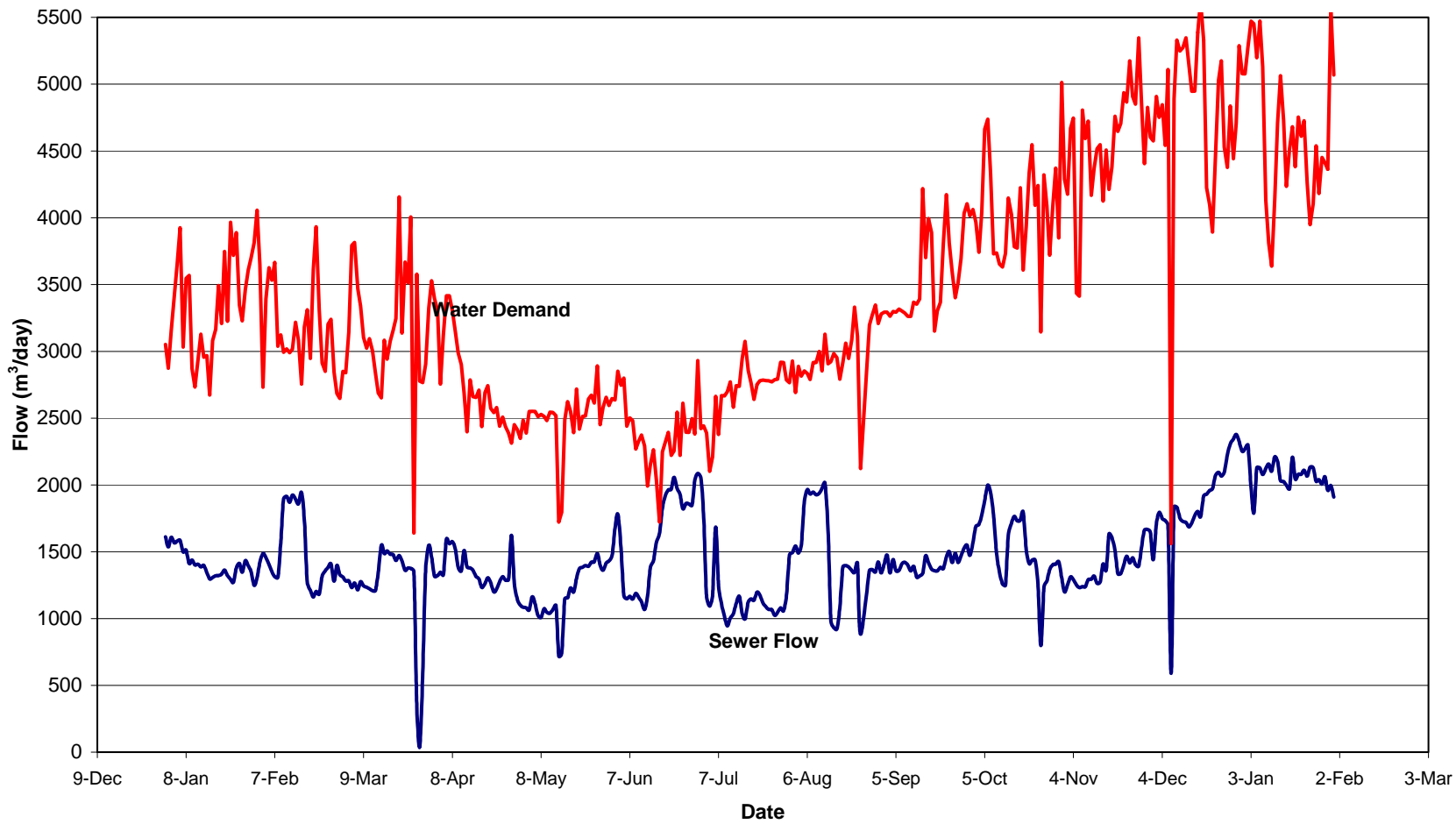
There is not much to report on these facilities for the reporting months.

## **6.0 PENSIONER UNITS**

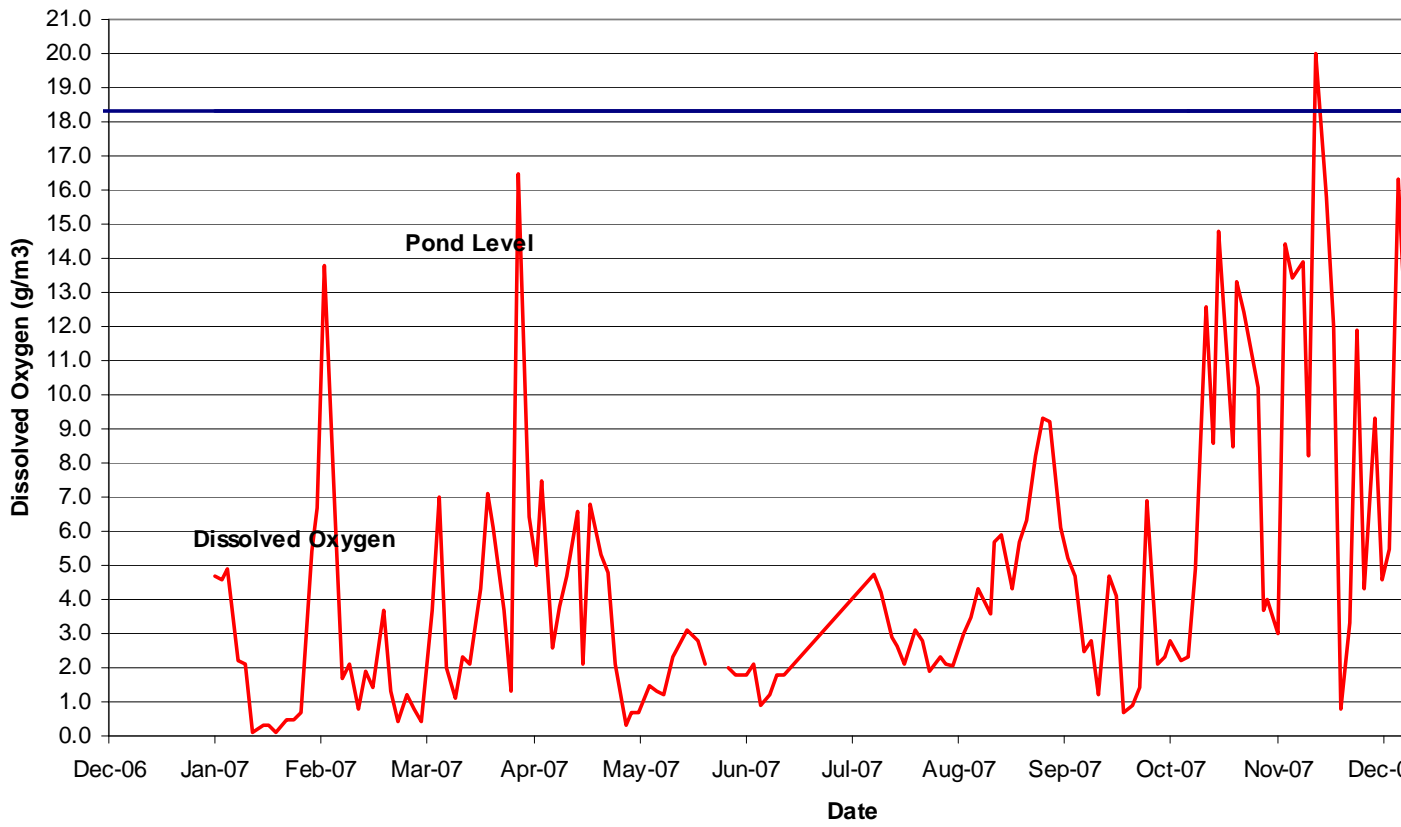
Council and Housing New Zealand have finally concluded that the project to build 4 new pensioner units can go ahead. A preferred contractor has been selected and the contract will be signed by the 20<sup>th</sup> February 2008.



**Water Demands & Sewer Flows**  
**(Jan 07- Jan 08)**



**Kaikoura Oxidation Pond  
DO & Water Levels  
(Jan 2007 - Jan 2008)**



# ROADING REPORT

## 1.0 2008/2009 Land Transport Programme

Work with Land Transport New Zealand is ongoing and the draft maintenance budget for 2008/2009 has been submitted and reviewed by Land Transport New Zealand. Included in this draft budget is the proposed Kerbing and channelling along the Esplanade.

## 2.0 Bridges - Routine Maintenance

Works on the deficiencies identified in the 2007 Bridge Inspection report is on progress.

## 3.0 Middle Creek Bridge – Work Progress

Upgrade works for Middle Creek Bridge is progressing - the ground conditions have been tested and the results are being used to complete the foundation designs.

## 4.0 Resealing Contract

The pre-seal preparatory works has been completed and the reseal contract commenced on the 11<sup>th</sup> February 2008. Below is a list of the sections of the roads under this year program:

ROAD	AREA TO BE SEALED			
	FROM RP	TO RP	APPROX LENGTH (M)	NOMINAL WIDTH (M)
Postmans	3.325	4.435	1110	6.0
Red Swamp Road	2.235	4.644	2409	5.9
Scarborough	0.007	0.325	318	7.0
Schoolhouse	0.007	0.889	882	4.0
Schoolhouse	1.957	2.869	912	5.0
Tui Road	0.003	0.102	99	6.0
Moa Road and Boat Area	0.138	0.200	62	23.0
Total			5792	

## 5.0 Area wide Treatment

An area wide treatment on Inland Road is scheduled and will be completed by the end of February 2008; total estimated length affected is 450m.

## 6.0 Dust Suppression Trial

An OTTA seal dust suppression trial is to be implemented in February on two of our roads i.e. approximately 150m length strip on Mcinnes Road and a 250m strip on Maui Street. A 2–5 minute PowerPoint presentation will be shown by Fulton Hogan at the end of the Works and Services report.

## 7.0 Maintenance Graveling 2007/2008

The Roads maintenance gravelling program for this financial year 2007/2008 is programmed to be completed in May – June 2008.

## 8.0 Inspections

Roading Inspections are being completed as per contract specifications.

## 9.0 Vegetation Control

Mowing of all road has been completed in December.

## 10.0 Speed Limit Review

The speed limit review has been completed. Using the data collected a number of areas are recommended for amendment from 100kph to 50kph zones. These include all or sections of Waitane Rd in Oaro; Moana Rd, Makura Rd and Valley Rd in Goose Bay; Old Beach Rd in Hapuku and Kekerengu Valley Rd and Sunrise Place in Kekerengu. Parts of Hawthorn Rd, Mill Rd, Mt Fyffe Rd, Rorrison's Rd and Ludstone Rd are recommended to be moved from 100kph to 80kph zones.

## 11.0 Kea Crossing – Across Ludstone Road

Apart from some minor works, the construction of the Kea Road Crossing is now completed and operational.

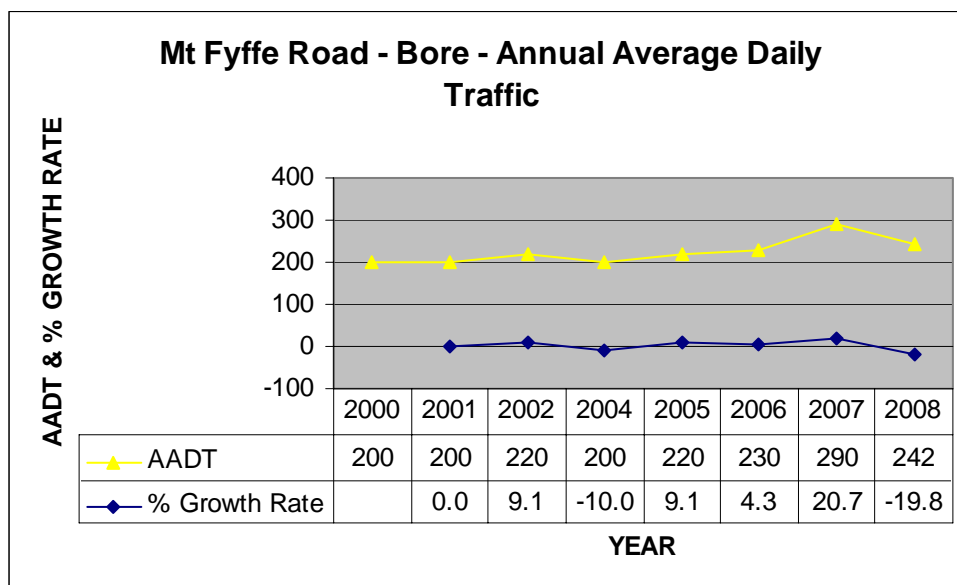
## 12.0 Traffic Count

Traffic Count for the month of February included the following roads

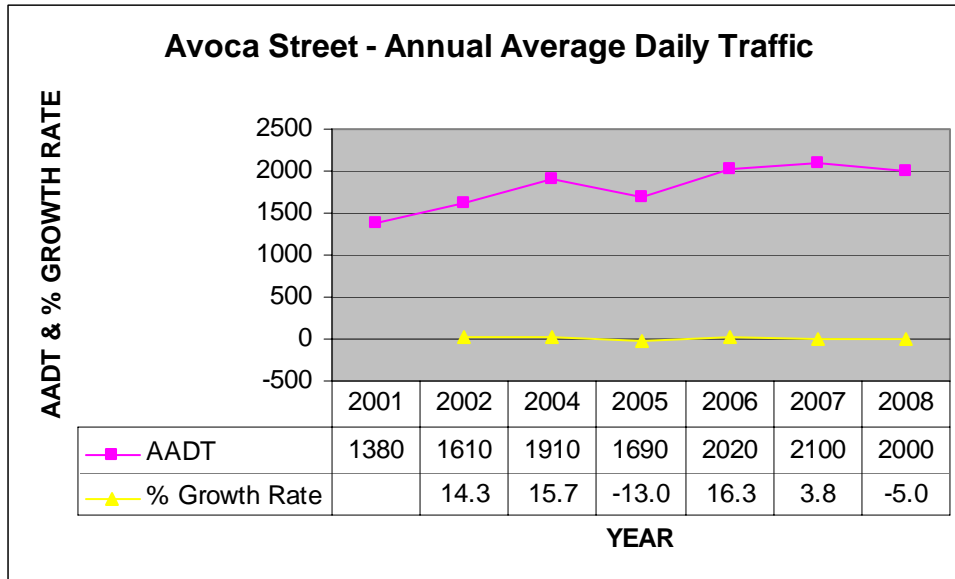
Mount Fyffe Road (bore)- 242 Vehicles Per Day (vpd)

Avoca Street – 2000 vpd

The average daily count for Mount Fyffe Rd for 2008 has decreased by almost 20% since last year, and the overall growth rate for traffic is 17% since 2000. 2.4% of vehicles were recorded as traveling at more than 100 kph compared with 11% in 2007. Two vehicles were recorded at over 150 kph. Copies of the traffic count reports are sent to the Kaikoura Police for their information.



Vehicle movements for Avoca St are down by 5% in comparison to 2007 (from 2100 vehicles in 2007 to 2000 in 2008). The overall growth rate since 2000 is 31%. 63% of traffic was travelling below 50kph and over 95% were travelling less than 60kph. 12 cars were travelling between 80-90kph.



### 13.0 Monthly Performance Report

Performance Indicators	Type	Response	Number	Within Period	% Acceptable
Surfacing	Strategic	6 Weeks	2546	2546	100%
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	496	496	100%
Shoulder Maintenance	Strategic	6 Weeks			
Shoulder Maintenance	Local	8 Weeks			
Potholes	Strategic	2 Days	31	30	97%
Potholes	Local	7 Days	57	57	100%
Detritus & Slip Removal	Strategic	2 Days			
Detritus & Slip Removal	Local	7 Days	3	3	100%
Drainage	All	12 Hours	2	1	50%
Unsealed Pavement Potholes	Local	7 Days			
Unsealed Pavement Digouts	Local	6 Weeks			
Edge Marker Post	All	7 Days	31	31	100%
Signs and Chevrons	All	24 Hours	23	20	87%
Sight Rails and End Markers	All	48 Hours			

### 14.0 Completed work for the reporting period (Dec-Jan)

Road Name	Potholes	Digouts	Edge Break	Other Sealing	Grading	Surface Debris	Drainage	Bridges	Markerposts	Signs	Various
BAY PADDOCK ROAD	3				4 & 19					Reinstate	
BEACH ROAD	8				Dec					Reinstate	
BLUE DUCK VALLEY ROAD					19-Dec						
CHAPMANS ROAD					14-Dec						
ESPLANADE ROAD				Outside Craypot			Sumps			Reinstate	
GRANGE ROAD								2 End Markers			
GREEN LANE					14-Dec						
HAWTHORN RD EAST	5										
INLAND ROUTE RS00/0	30								10	Reinstate	
INLAND ROUTE RS16/0									21		
KEKERENGU VALLEY ROAD								4 Bridge End Markers		Reinstate 3	Fallen tree
KILLARNEY STREET										Reinstate	
KILLARNEY STREET UPPER	5										
KIWA ROAD					4 & 19						
KOTUKU ROAD		1			Dec						
KOWHAI FORD ROAD					14-Dec						156m3 AP20
LOWER WARD STREET										Clean & Reinstate	
LUDSTONE ROAD	8										
MCINNES ROAD					7-Dec						
MILL ROAD	6							Clean deck			
MOUNT FYFFE ROAD	1							4 End Markers		Reinstate 2	
POSTMANS ROAD	13		172m	98m2	14-Dec		Shoulders	Clean deck		Reinstate	
POSTMANS TRIANGLE ROAD											
PUHI PUHI ROAD					4-Dec					Reinstate 2	
RED SWAMP ROAD	6		214m	8m2 + 44m2	7 Dec & 14 Dec		Shoulders			Paint post & Reinstate	
RORRISONS ROAD										Reinstate	
SCARBOROUGH STREET	1		60m2	206m2			Shoulders			Paint post	
SCHOOLHOUSE ROAD	5		50m	90m2 + 1774m2	7-Dec		Shoulders			Reinstate 6	
SHEARWATER DRIVE				298m2							
TORQUAY STREET										Reinstate	

TUI ROAD				28m2								
WIFFINS ROAD								Clean				
YARMOUTH STREET	1									Reinstate		

## 15.0 Safety, Quality & Environmental

### Safety

South Bay Parade road reserve: motorcycle and quad bike use.

A task group has been formed including representatives from DOC, Police, Council and three Councillors: B Woods, M McChesney and J Macphail. A meeting of this group is currently being arranged to help develop a strategy to try and resolve this problem.

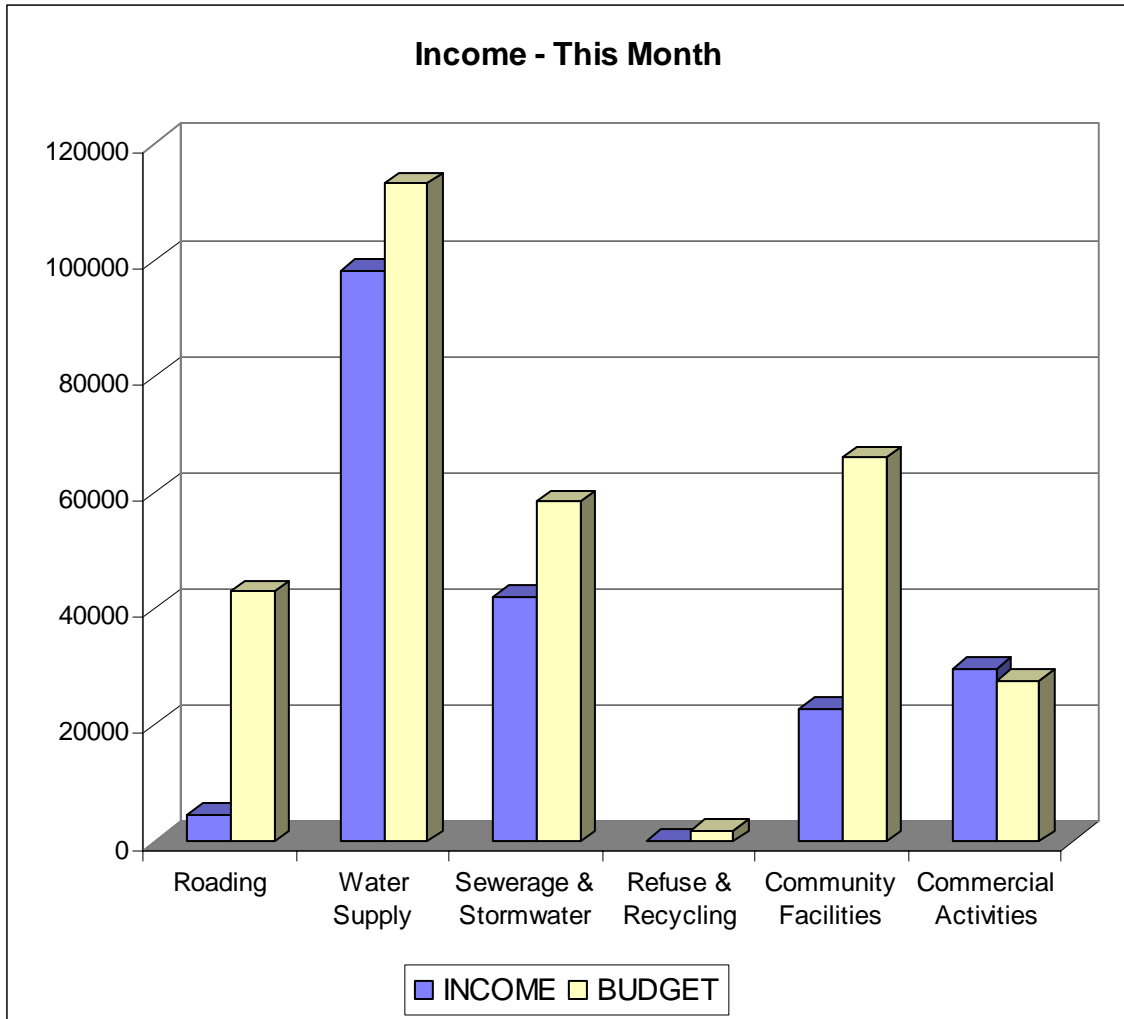
### Traffic Control

There were no quality issues in December 07 – January 08 and no traffic delays on the Kaikoura network in the last four weeks

### Quality & Environmental

There were no quality and environmental issues in December and January.

# WORKS & SERVICES BUDGET REPORT



### Expenditure - This Month

