

KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES COMMITTEE MEETING HELD ON WEDNESDAY 21 JULY 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 16/6/2010*

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4. *Minutes Action and Issues List Update*

MEETING	ACTION REQUIRED	BY	DATE ACTIONED
	16 JUNE 2010		
Works & Services	Inspect the stormwater pipe under the lane at Chance Haven.	Asset Manager	Report included in agenda refer page 3.
Works & Services	Investigate repair of large potholes on the unsealed section of Postmans Road	Asset Manager	Completed.
Works & Services	Investigate how cars can be kept off the verges at Jimmy Armers Beach and Seal Colony areas.	Asset Manager	In Progress

5. *Reports:*

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

6. *Urgent Business*

7. *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 report of Works & Services public excluded 16/6/2010

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 report of the Works and Services Public Excluded meeting 16/6/2010.	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 reporting month.

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 18.5m³ for 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 June 2010 the water demand was 78,528m³ whereas for the month of May 2010, the total water demand was 85,962m³.

<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 2010</i>	2762	3154	3737	94,609
<i>May 2010</i>	2372	2773	3168	85,962
<i>June 2010</i>	2487	2618	2775	78,528

Table 1: Water Demand for reporting period

Kincaid Water Supply

There were no major problems within the Kincaid supply for the month of June.

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

Works funded by the Capital Assistance programme are underway.

1. ***Fords Tank*** – The erection of the tank is nearly complete. Once the pipe works have been completed both the tank and pipe works will be disinfected and commissioned.
2. ***Peninsula Tank*** – Council is in the process of applying for an alteration to the existing designation at this site. Once this aspect is finalized and the alteration has been granted Council can then implement the works for the erection of the tank.
3. ***Reticulation system*** – The water mains along both sides of Torquay Street have been completed. Works along Brighton Street, Ramsgate Street and along the Esplanade are also significantly completed with the re-instatement of footpath and road areas to be completed.

Once all this is done the contractor will have the line disinfected prior to commissioning them into operation.

The renewal of the Deal Street line is yet to commence.

2.0 SEWER SYSTEM

Table 2 below shows the average sewage flows for the reporting months 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 2010 was approximately 42598m³ (corrected to exclude storm-water inflows) whereas the flow for the month of May 2010 was 45,460m³.

<i>Sewage flows (m³/day) – Mill Rd</i>			
	<i>avg</i>	<i>max</i>	<i>Total Flow</i>
<i>Apr 2010</i>	1589	1868	47668
<i>May 2010</i>	1466/1877*		45,460/58,196*
<i>June 2010</i>	1469/1788*	1667/3889*	42,598/51,859*

Table 2 : Sewage generated for reporting period

The values with the asterisk represent the uncorrected figure (sewage generation with stormwater inflow)

The measured Dissolved Oxygen (DO) averaged 5.2mg/l for the reporting month.

2.1 Sewer Renewals

At the time of writing this report Adcock and Donaldson Contracting Limited has indicated that works will commence on July 15th, 2010 which will start with the location of laterals, other physical works will commence on July 19th, 2010.

2.2 Aerated Lagoon

We are now in receipt of costings for the upgrade of electrical capacity at this site from Mainpower. In addition consent has been lodged with Environment Canterbury and we are in the process of responding to clarifications and further information requests.

In addition we are also in the process of preparing contract documents for the construction works.

3.0 STORMWATER

Urban Stormwater

There were no major issues for the reporting month despite the heavy rains.

At the last Council meeting concerns were raised about the stormwater pipe that crosses Chance Haven walkway. From a site visit and as shown in the pictures below it appears that this pipe was installed to capture some water that discharges from the system above. We will have a closer look at this and see how best to incorporate it to eliminate the flow of water onto Chance Haven walkway.



Rural Stormwater

Council Staff has been in contact with Environment Canterbury regarding information as it relates to the rural stormwater system. We are anticipating that we will progress with some desk top work in the interim to get this item progressing.

4.0 PARKS AND RESERVES

The parks and reserve area are in fair condition.

During the heavy rains in June 26 – 27th, 2010 further slippages resulted along Toms Track, we have since placed signs at both entrance points informing people of the potential risk of using this track, this notice has also been placed in the Kaikoura Star.

We have since asked Smart Alliances to give us a proposal for a Geotechnical investigation along the track for repair works and for future works that were originally proposed for the track upgrade. We believe this is important as based on the slippages observed it is thought best to have this done now prior to implementing any works. Dempsey's track is also in need of maintenance resulting from the heavy rains of May and June.

In addition, The New Contractor "Delta Utility" has commenced the New Parks and Reserves Contract.

5.0 PUBLIC TOILETS

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

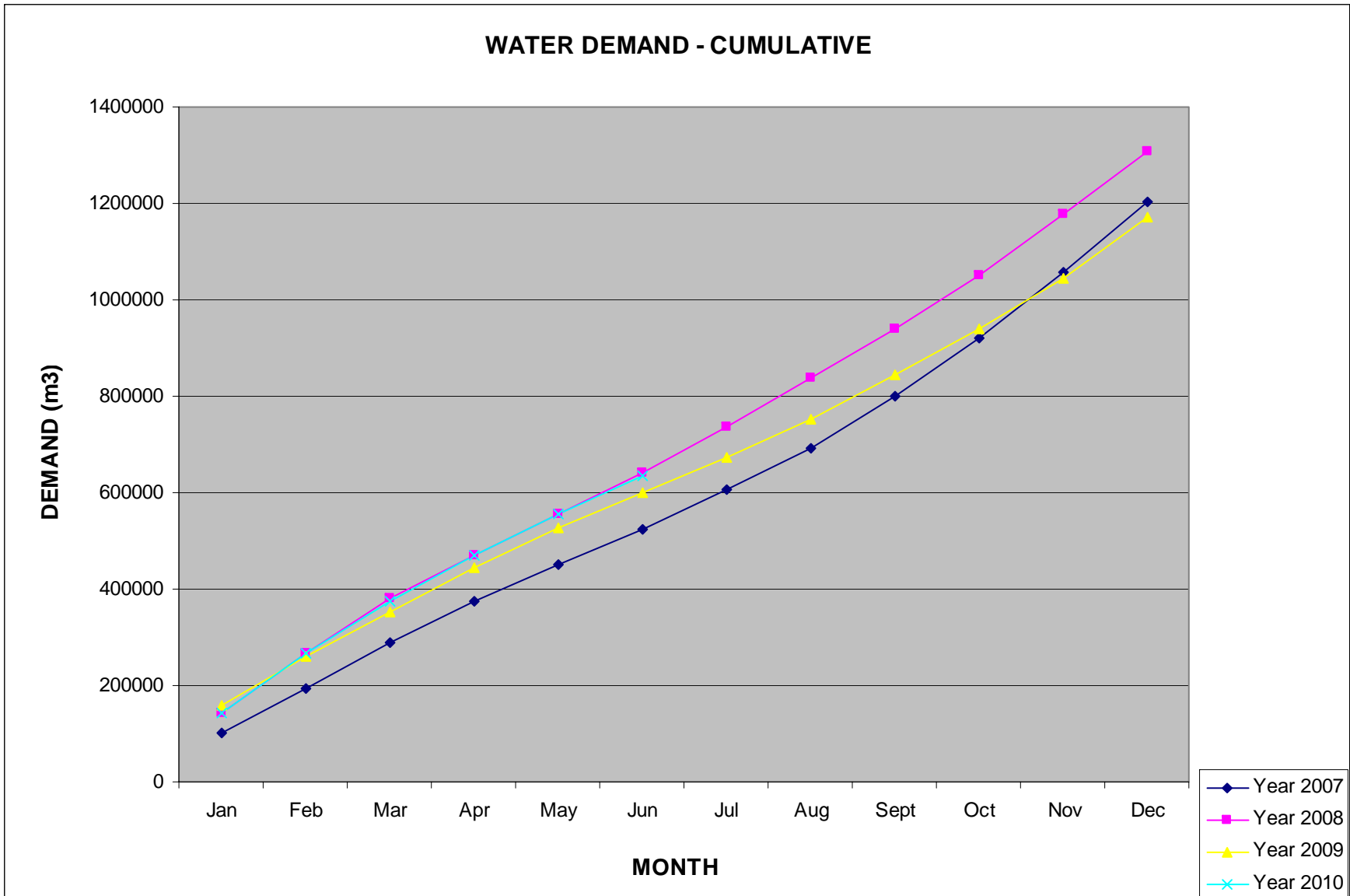


Figure 1: Yearly Cumulative Water demand

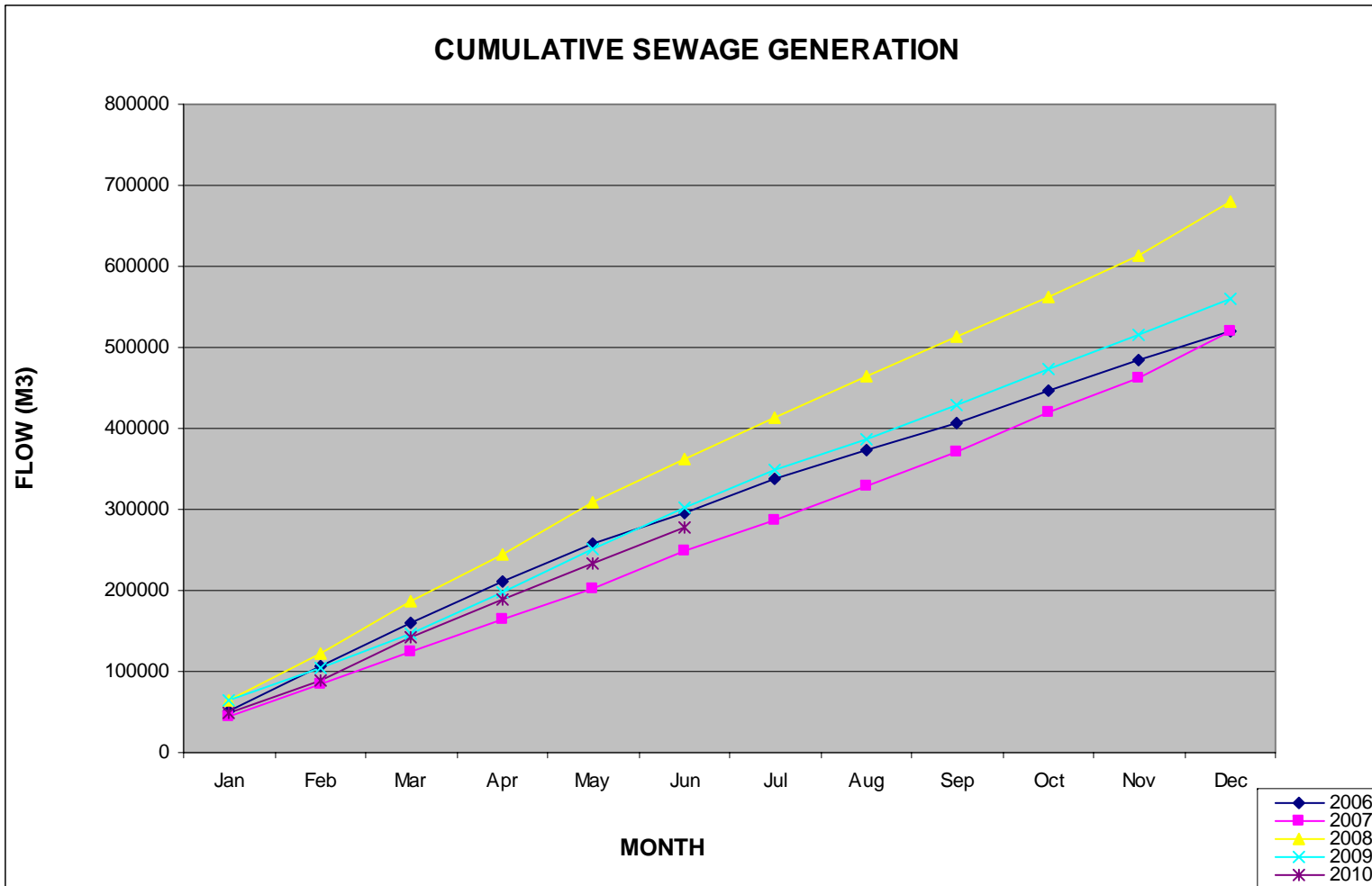


Figure 2: Yearly Sewage Generation

ROADING REPORT

1.0 May - June Floods

Rain event from May 25th - 28th, 2010 and 26th -27th June 2010 which occurred in both Kaikoura Urban and Rural areas caused localized damages in most areas of the District.

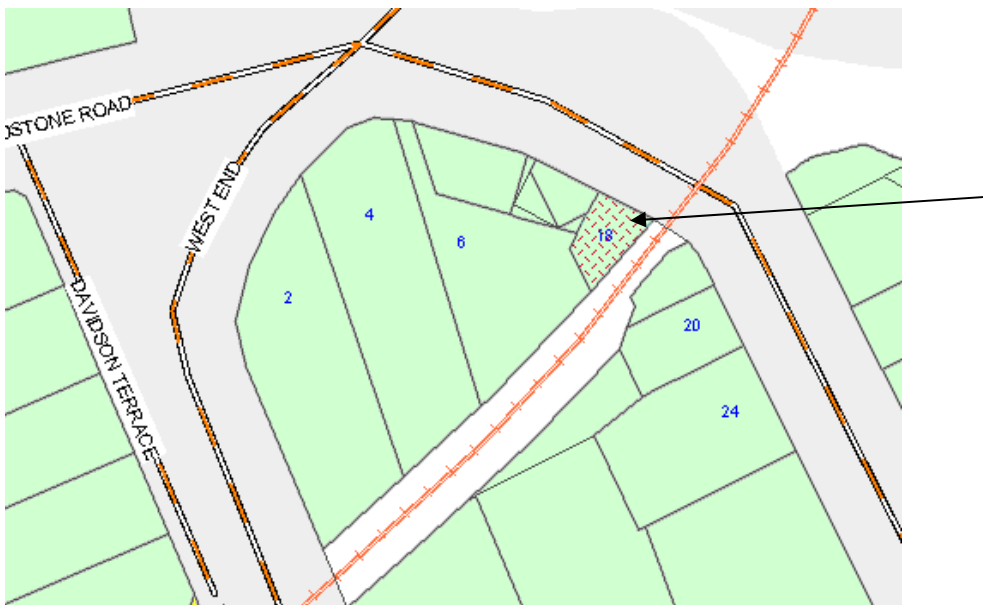
On page 13 is a summary of the affected areas. The total estimated cost of the damage associated with the floods is approximately \$199,417.45. An emergency funding application for the restorations works has been lodged with New Zealand Transport Agency.

2.0 Stock Crossings

The construction of the concrete stock crossings is currently underway.

3.0 Proposed New Car Packing Space at No.18 West End

The property owner of number 18 West End Mr John Smith contacted Council suggesting that a new parking space be created in the location of the existing vehicle entrance to the property. John said this entrance is no longer required and is happy if the area can be allocated as an extra car parking space. Below are images showing the area





Location of New Proposed Car Park

Recommendation

The area is wide enough and is safe as a car parking space. It will not cause any additional negative effect on the existing flow of traffic within the West End area.

It is therefore recommended that Council accepts that the area identified be allocated as a car parking space.

4.0 Bridge Inspections

Aurecon have completed the yearly bridge inspections and will send us the report which will highlight any defects that need attention.

5.0 Traffic Count

Traffic Count Data for the month of June 2010 is not yet processed.

6.0 Quality

There were no quality issues during June 2010.

7.0 Environmental

There were no environmental issues in June 2010.

8.0 Traffic Control

No traffic control issues to report.

9.0 Vegetation Control

No vegetation control was carried out within the period.

10.0 Emergency Work

There was heavy rain from the 26th to the 27th June causing some damage to some roads.

11.0 Inspections

The monthly roading inspection is being carried out as specified.

12.0 Monthly Performance Report

	Performance Indicators	Type	Response	Number	Within Period	% Acceptable
3	Surfacing	Strategic	6 Weeks			
4	Surfacing	Local	8 Weeks			
5	Digouts	Strategic	6 Weeks			
6	Digouts	Local	8 Weeks			
7	Depressions	Strategic	6 Weeks			
8	Depressions	Local	8 Weeks			
9	Edge Break	Strategic	6 Weeks	1	1	100%
10	Edge Break	Local	8 Weeks			
11	Shoulder Maintenance	Strategic	6 Weeks			
12	Shoulder Maintenance	Local	8 Weeks			
13	Potholes	Strategic	2 Days	45	45	100%
14	Potholes	Local	7 Days	249	249	100%
15	Detritus & Slip Removal	Strategic	2 Days	1	1	100%
16	Detritus & Slip Removal	Local	7 Days	1	1	100%
17	Drainage	All	12 Hours	2	2	100%
18	Unsealed Pavement Potholes	Local	7 Days			
19	Unsealed Pavement Digouts	Local	6 Weeks			
20	Edge Marker Post	All	7 Days			
21	Signs and Chevrons	All	24 Hours	1	0.5	50%
22	Sight Rails and End Markers	All	48 Hours	1	1	100%

13.0 Summary of Work Completed in the Period

KAIKOURA DISTRICT - FLOOD DAMAGE REPORT May 25th – May 28th, 2010 and June 2010

PURPOSE

- To facilitate an application to Land Transport New Zealand for flood damage funding, and
- To utilize the existing Council disaster reserves to complete flood damage works.

BACKGROUND

Rain from May 25th - 28th, 2010 and June 2010 which occurred in both Kaikoura Urban and Rural areas caused localized damage in most areas of the District.

AFFECTED AREAS

Roading

Set out below is a description of the affected areas. The total estimated cost of the road associated flood damage is approximately \$ **199,417.45**.

Factory Road

Section of seal damaged at Factory Road and Old Beach Road intersection.

Most of Factory Road from the intersection of State Highway 1 to the intersection with Old Beach Road was flooded over the entire length of the road; maintenance metal was scoured off the road and in some areas culverts blocked.

Sullivan Gully

A big slip at Sullivan's Gully resulted in limestone material deposited at the bottom of the hill next to University of Canterbury Field Station which also spilled over onto Avoca Street.

Harnetts Bridge

The flow of the water was undermining and eroding the fill material underneath and behind the southern abutment of the bridge. A digger was brought in to divert the flow away from the abutments.

Scotts Road

The material fill around the piles under the *Greenburn Bridge* are being washed out; the water has undermined the abutments of the bridge. These will need re-boxing and filling with concrete

Bay Paddock Road

Two large slips blocking off the road – temporarily cleaned for access.

Puhi Puhi

Flooding from Turners Mistake (where mail boxes are to the ford below Topps). Water was flowing down the full width of road. Section of the road are washed out with severe gravel loss in places.

The river has diverted its flow path eating into the road. The road is now one lane and will need to be reconstructed back to two lanes.

Blunts Road

In some sections of the road the gravel has been washed out and road scoured to sub-base level. These sections will need to be re-gravelled.

Diary Farm Road

The northern approach to the Smith's Bridge on Diary Farm Road has been washed out and needs to be reconstructed when the river flow subsides.

At this stage due to the heavy flow within the river we can not get close enough to the bridge to carryout the works.

Inland Road

Two big slips were noted on Inland Road and these have been cleaned to make the road safe and accessible to traffic.

Clarence Valley

The road crossing the river at Glen Cree washed out and will need to be repaired.

Waiautoa Road and Silverspring Road

Minor wash outs need re-grading and gravelling.

Wiffins Road

There are trees washed and are stuck under the bridge causing build up of material behind the bridge. This needs to be cleared to avoid damage to the bridge.

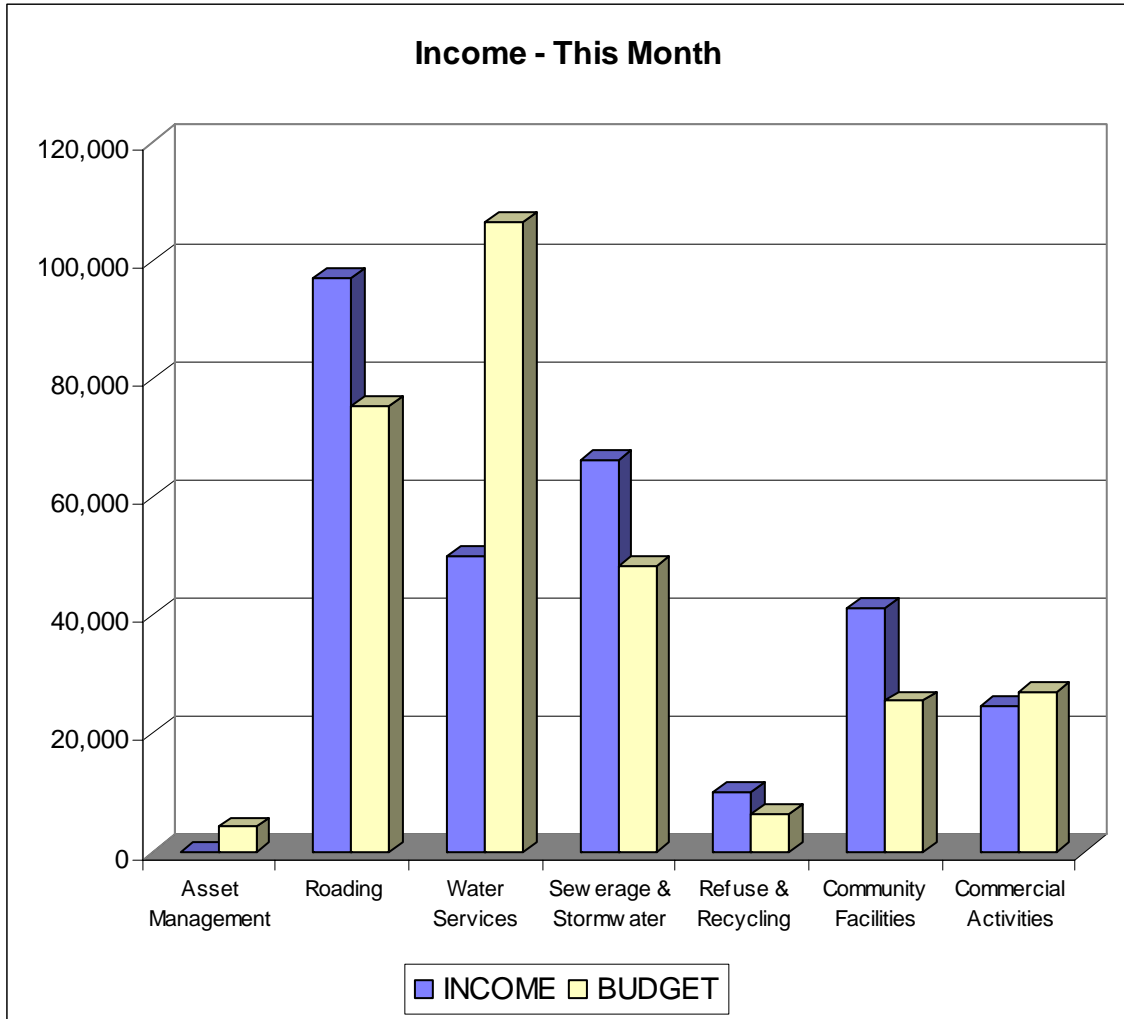
Kekerengu Valley Road

The whole road needs grading due to various amounts of water damage, mainly slips and rocks onto the road.

Mt Fyffe Road, McInnes Road, Blunts Road and Chapmans Road

On some sections of the road the gravel has been washed out and road scoured to sub-base level. The damaged drains need to be reconstructed.

Works and Services Budget Report



Expenditure - This Month

