

**KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES
COMMITTEE MEETING HELD AT 9.00AM ON WEDNESDAY 19
OCTOBER 2005 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 21/09/2005

page 88

4. Minutes Action and Issues List Update

MEETING	ACTION REQUIRED	BY	DATE ACTIONED
	18 MAY 2005		
Works	Meeting with local farmers re stock effluent	Murray	In Progress
	17 AUGUST 2005		
Works & Services	Investigate the costs of a close circuit camera at the West End toilet facility	Marlene	In Progress
Works & Services	Investigate the feasibility of public toilets on Beach Road, in particular the playground site at 173 Beach Road and report on costs	Gallo/Marlene	Item 6 Page 21
	21 SEPTEMBER 2005		
Works & Services	Forward photo's of vandalised West End toilet facility to KK Police	Marlene	Sent 28/09/2005
Works & Services	Report on product for use on shingle roads to reduce dust, including cost of product, and on-going cost of administering. Supply fact sheet/pamphlet	Murray	In Progress
Works & Services	Sonic Carpark – marking of car parks	Murray/Gallo	Completed
Works & Services	Investigate the size of banner arms on Streetlights on Esplanade	Murray	In Progress

5. Reports:

- **Works and Services Report** *page 1*
- **Roading Report** *page 5*
- **Works and Services Budget Report** *page 19*

6. Public Toilet Facility – Beach Road *page 21*

7. Kaikoura Airport – Sealing of Taxiway *page 32*

8. Urgent Business

Works & Services Reports

WATER SUPPLY

General

Effective September 31, 2005 James Miller resigned from Fulton Hogan for an overseas experience, he has been temporarily replaced by Mike Winkler who will be in Kaikoura 3 days per week and the Contracts Manager (Harold) will be in Kaikoura once per week.

It is anticipated that the post will be filled within the next 2- 3 months.

Urban Water

The water demand for September 2005 increased when compared to previous months averaging 2822.2m³/day. The attached graph shows the water demand trend from April 2004 to September 2005.

Kincaid Water Supply

Works is in progress for the installation of an automated chlorinating unit at this facility which is anticipated to be completed within the next few weeks.

Fernleigh Water Supply

The Fernleigh water supply system developed chlorination problems towards the end of the month; this has now been corrected.

SEWER SYSTEM

Urban Reticulation

The sewage flow averaged 1269.3m³/day a normal trend in the winter period. There were no major spikes in the flows.

The measured Dissolved Oxygen showed an increase when compared to the previous reporting period (averaging 6.2mg/l with the minimum recorded at 0.9mg/l) as is shown in the attached graph.

There were no major malfunctions occurring during the month.

STORMWATER

Urban Stormwater

There were no significant problems with the town's stormwater system for the month of September 2005.

The upgrade works of the storm water drain along Ludstone Rd emptying into Lyell Creek has been completed and is depicted in the picture below.



PARKS & RESERVES

Works continue on these areas with no major problems during the month.

PUBLIC TOILETS

The facilities are being fairly maintained with few minor malfunctions during the reporting month

Painting of the West End toilet started with minor works remaining for completion.

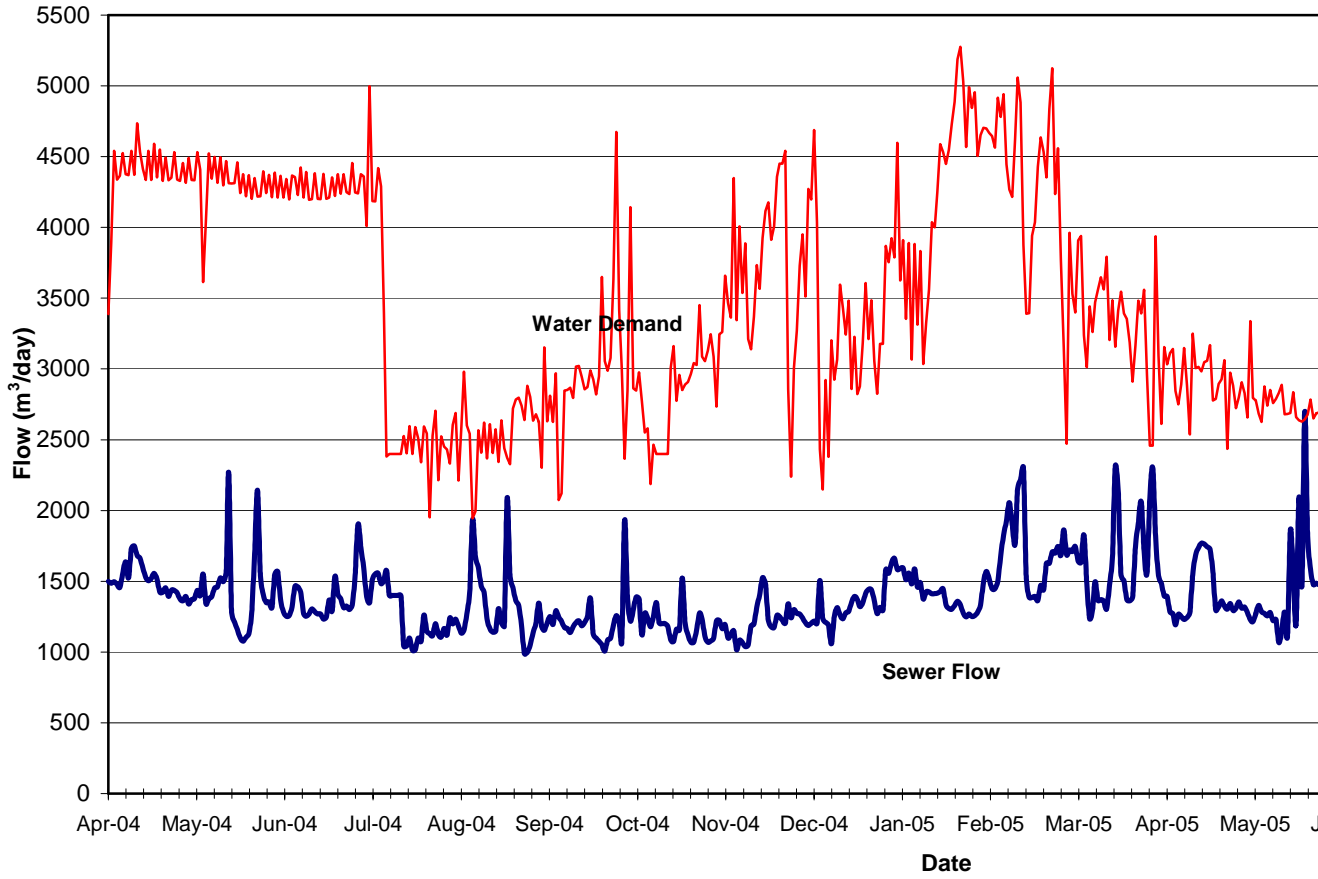
Investigations into the location of the proposed toilet facility have been concluded. The final report is included in the agenda.

The possibility of installing a surveillance camera was also investigated, we were informed that installation costs amount to approximately \$6,000.00 (excluding GST) with an operational cost of \$1.00 (excluding GST) per day via a radio monitoring unit.

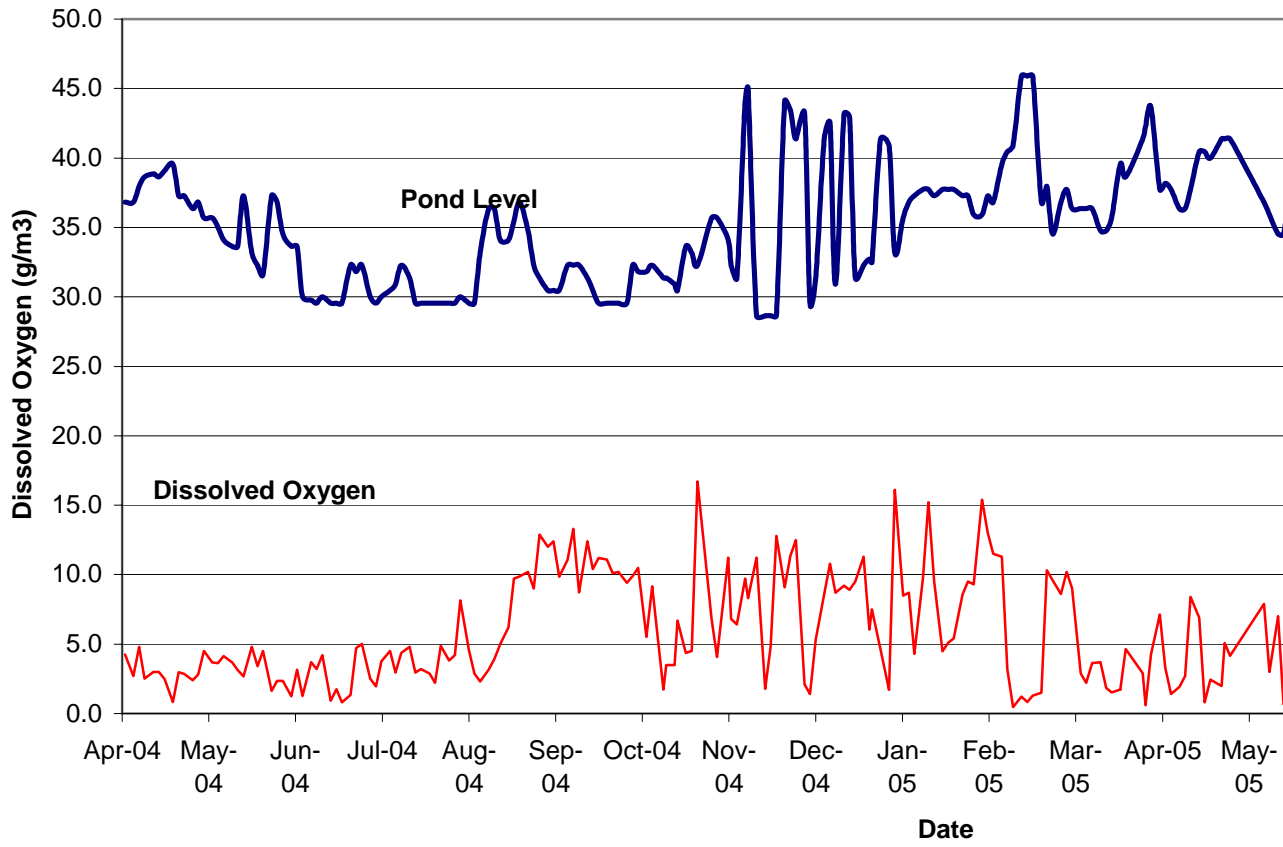
OTHER

Works continue on the processing of resource consents.

**Water Demands & Sewer Flows
(April 2004 - September 2005)**



**Kaikoura Oxidation Pond
DO & Water Levels
(April 2004 to September 2005)**



Investigation of the installation of Public Toilet - Northern Entrance Reserve/Gillings Lane Playground

Subsequent to requests by Council, an investigation into the possibility of siting a public convenience at either Gillings Lane playground or The Northern Entrance reserve was conducted.

Exeloo Ltd (An Automated Public Toilet Company) was contacted re the supply and installation for one of their units. It was specified the unit be equipped with basic features and also meet the need of disabled persons.

Quotations received from Exeloo show it will cost Council approximately \$56,400.00 for the supply and installation. This cost excludes an approximate cost of \$2,500.00 for Fulton Hogan services in providing water and sewer lateral connections.

Exeloo Ltd anticipate construction of the unit can be undertaken within six to eight weeks (depending on workload of company).

Details of the unit include:

- One exeloo111 single standard toilet (unisex)
- Hydraulic door closers
- Ceramic tiles to interior walls
- Electric hand dryer

Services

Both the Northern Entrance and the Gillings Lane playground can be serviced by water and sewer.

Choice of Site

In assessing the most suitable site, Council requested the Public's input. This was done by dropping flyers at properties (approximately 110 properties) both to the south and North of Gillings Lane (as far North as Kaikoura Cottages). Residents were asked to respond by emailing or telephoning their preferred choice by October 10th, 2005.

Council received 19 responses of which 13 preferred The Northern Entrance Reserve and 5 favoured the Gillings Lane playground. One suggested 20 Beach Rd. The above responses represent approximately 17% response rate.

Some of the main reasons given for choosing the Northern Entrance Reserve were:

- Adequate parking space
- Toilet facilities were not favoured in areas where children play as a toilet block may offer an area for loitering adults.
- This area is used as a picnic area hence it requires a public toilet.
- Presently both public and tourist use the area as a toilet area which poses a health hazard.

It is considered there will be less traffic issues if the toilets were to be located at the Northern Entrance than at Gillings Lane, Traveling in a Southerly direction vehicle can pull off State Highway onto Mill Rd and park on Beach Rd, hence there will be minimal interference with the flow of traffic on State highway. When traveling in a northerly direction it is anticipated that vehicles will continue straight along Beach Rd, which presently has a shoulder opposite the

chicken shop. This area provides parking at the moment. A verbal update on Transit's position will be provided at the meeting

Based on the above, Council will adopt the choice based on the preferred choice of the public.

Recommendation

It is therefore recommended that

- 1. Council enter into a contract with Exeloo Ltd for the supply and installation of one single standard toilet unit to be located at The Northern Entrance Reserve at a cost of \$56,400.00.*
- 2. Council install the necessary sewer and water laterals at an approximated cost of NZ\$2,500.0.*
- 3. The above be funded from the Reserves Contributions account.*

Roading Report

LAND TRANSPORT PROGRAMMES/RECORDS

Returns and information are being supplied to Transfund New Zealand as requested.

We are currently preparing Kaikoura's 2006/2007 Land Transport Programme which is to be submitted by 11 November 2005.

ROUTINE ROAD AND BRIDGE INSPECTIONS

Routine road and bridge inspections are continuing with the roads in the southern area inspected on 5 October 2005. (A copy of the record of inspection is attached.) The majority of roads were found to be in satisfactory condition with only minor repairs required, while several were in a poorer condition with a number of potholes and grass encroaching on the edges of unsealed roads. A number of items of work are required as noted in the Inspection Report.

Gabion baskets have been installed on the Inland Road prior to the Greenburn Bridge. This is to improve the shoulder width adjacent to a steep bank.

RAMM SYSTEM UPGRADE

Maintenance of the RAMM system is ongoing and will be updated as more information becomes available.

TRAFFIC COUNTING PROGRAMME

Traffic counts for the month of September include the following roads:

- 1) Red Swamp Road
- 2) Scarborough Street
- 3) Schoolhouse Road
- 4) South Bay Parade

The traffic count on Red Swamp Road has increased this year (from 130 to 180 vehicles per day) creating a positive growth rate over the past five years. Percentages of heavy vehicles on Red Swamp Road have also steadily increased. The Scarborough Street count is lower than in recent years however the growth rate over the past five years is slightly in positive at 0.1 percent. The traffic counts on Schoolhouse Road have steadily increased from 2001 (160 vehicles per day) to 2005 (220 vehicles per day), with the exception of 2002 bucking the trend with a high count (250 vehicles per day). The traffic counts on South Bay Parade have steadily increased from 2001 (1020 vehicles per day) to 2005 (1330 vehicles per day).

As requested, we are continuing to forward copies of the traffic counts and speed matrices to the Kaikoura Police.

FOOTPATH UPGRADES

The work is now largely complete with a recent final inspection highlighting some outstanding items, mainly completion of grass berms and sealing work on Adelphi Terrace and at the end of the Ludstone Road footpath. Following this work a three month maintenance period will commence.

RESEALING 2005/2006

This contract has been awarded to T.C. Nicholls Ltd. The various documentation has been prepared and forwarded for signing.

The work is programmed to commence in early February 2006.

MAINTENANCE GRAVELLING 2005/2006

We are continuing to gather information as to which roads are to be maintenance gravelled in the current financial year.

STOCK EFFLUENT ON COUNCIL ROADS

Meetings with the individual land owners have commenced and will continue over the next few weeks.

MOA POINT SEAWALL

Environment Canterbury is currently processing the resource application.

STREET LIGHT UPGRADES

MainPower have scheduled and priced the next stage, being the area from Yarmouth Street to Deal Street to Ludstone Road. We expect to receive this from MainPower by the end of the week.

BAYVIEW STREET UPGRADE

Work has commenced on site with the water main upgrade component of the work near completion. Undergrounding of power cables to remove two power poles near Fyffe Ave has also been completed.

The date for completion of contract is 12 December 2005.

**Infrastructure Works Timetable
2005/2006**

Project	Awarded	Contractor	Start Date	Completed
Resealing 2005/2006	Yes	T.C. Nicholls	February 2006	-
Footpath Upgrading	Yes	Fulton Hogan	January 2005	Yes
Street Light Upgrades	Yes	MainPower	January 2005	-
Maintenance Gravelling	Yes	Works Infrastructure	April 2006	-
West End Redevelopment Stage I	Yes	Works Infrastructure	February 2004	Yes
Road Marking	No	-	March 2006	-
Watermain Renewals 2005/2006	No	-		-
Sewage Treatment Upgrade	Yes	City Care Limited	February 2005	Yes
Moa Point Seawall	No	-	November 2005	-
Bayview Street Upgrade	Yes	Works Infrastructure	September 2005	-

**RECORD OF INSPECTION
ROAD MAINTENANCE CONTRACT**

RECORD OF INSPECTION

5 October 2005

1. Birches Road

- i) Satisfactory condition, vegetation in centreline otherwise little deterioration since last grade.

2. Glencree Road

- i) Satisfactory condition with exception of pothole at bridge approach.

3. Oaro M

- i) Sweep loose gravel from stockpile area off road.

4. Waitane Road

- i) Good condition.

5. Moana Road

- i) Good condition.

6. Valley Road

- i) Grading required to repair potholes. New road name sign and post has been erected.

7. Makura Road

- i) Good condition.

8. Peketa Road

- i) Satisfactory condition. Chip sealing of carriageway to be carried out within next two months.

9. Rakanui Road / Bullens Road

- i) Satisfactory condition. Rail crossing has been timber topped by Tranzrail.

10. Inland Road

- i) Gabion baskets completed. Repair crack in seal edge adjacent to new baskets and place make up metal on low shoulder towards top of hill opposite side.

- ii) Repair edgebreak on inside corner east of Kahutara bridge and inside corner west of new gabions. Make up metal also required to shoulder at these locations.
- iii) Clear debris in side channels along Greenburn bluffs.
- iv) Noticeable number of edge marker posts broken or knocked over. Regular maintenance required to maintain standard.
- v) Take down ice/grit warning signs.

11. Scotts Road

- i) Requires grading. Minor corrugations and potholes at this stage.

12. Blunts Road

- i) Satisfactory condition, however vegetation appearing in centreline and road edges. Grading to continue to extend out full width.

13. Dairy Farm Road

- i) One or two potholes and vegetation appearing in centreline and road edges. Grading to extend out full width and clean out surface water channels particularly past bridge.

14. Moa Road including Launching Ramp Parking Area

- i) Repair potholes near boat ramp.

15. South Bay Parade

- i) Digout repair at SH1 end.

16. Ludstone Road

- i) Digout repairs at three locations either side of Mt Fyffe Road intersection.

17. Red Swamp Road

- i) Good condition.

18. Schoolhouse Road

- i) Unsealed section requires grading to repair potholes. Trim branches overhanging carriageway near end.

19. Postmans Road

- i) Potholes prior to Mt Fyffe Road intersection and at Chapmans Road corner.
- ii) Digout repair at first ford.

20. McInnes Road

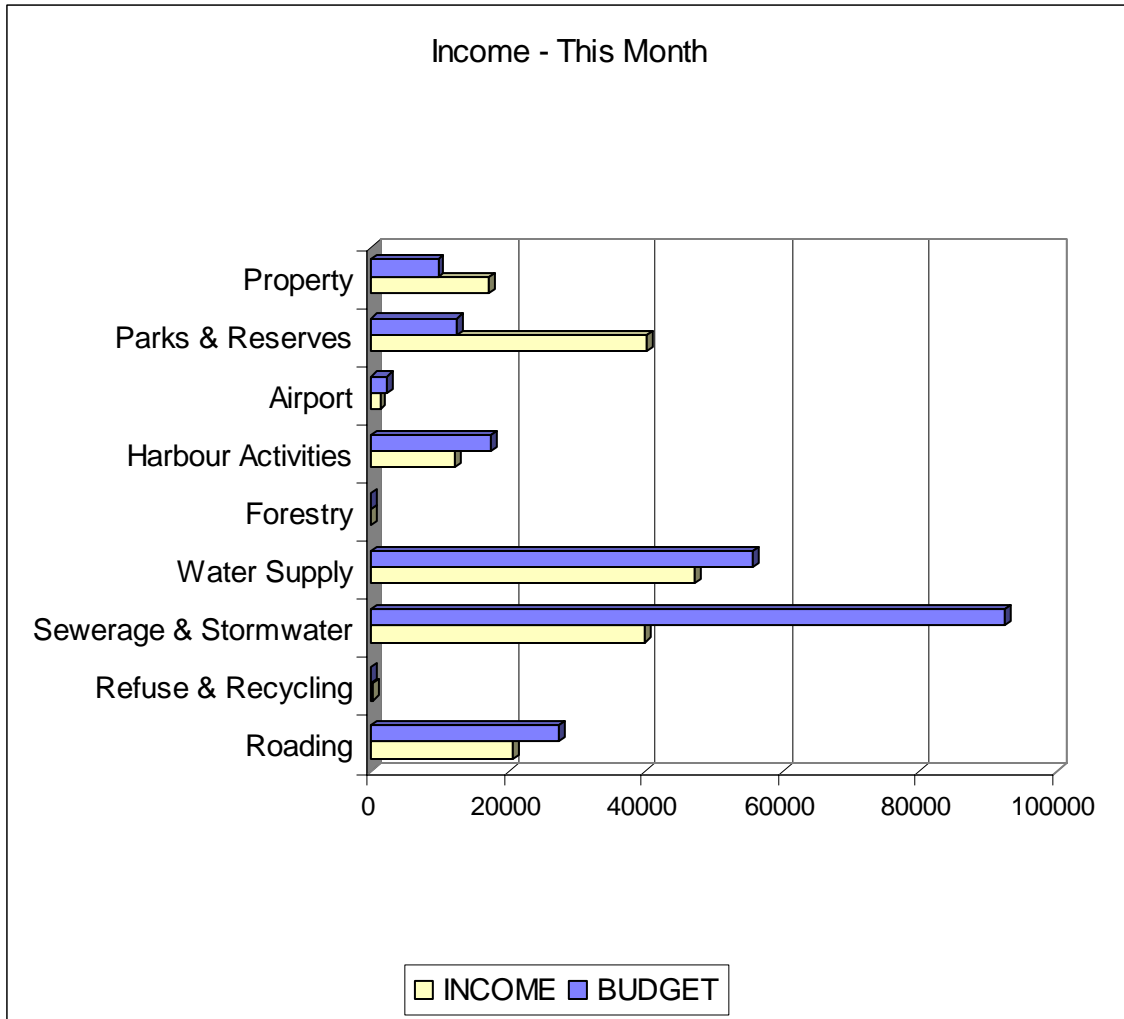
- i) Needs grading over first two hundred metres to repair corrugations and reshape.

21. Burrells Lane

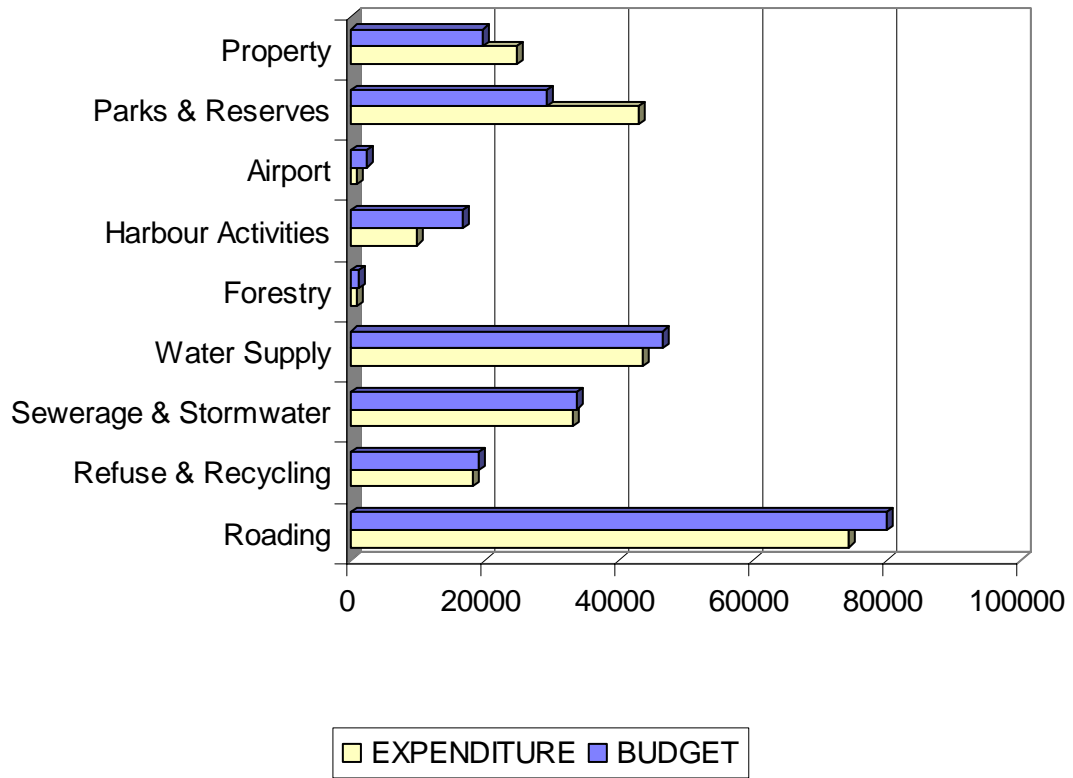
- i) Grading required to repair potholes.

22. The date of the next road inspection is 2 November 2005.

Works & Services Budget Report



Expenditure - This Month



Kaikoura Airport

Sealing of Taxiway

The Airport committee is recommending that the Airport Taxiway as shown in Figure 1 below be sealed. Presently chips and stones are being brought onto the sealed runway from the Taxiway. If Council approves the recommendation, the committee would like the works to be completed before December 2005 to avoid disruptions of the Airport operations during the busy summer period.

Quotations to carryout the sealing of the taxiway was obtained from Fulton Hogan and Works Infrastructure Ltd. Works Infrastructure was the lowest bidder and the most responsive. A summary of the quotes is shown in table 1 below.

Table 1: Costing for Sealing of Airport Taxi-way

	Works Infrastructure	Fulton Hogan
Description	Total Amount	
Timber Kerbing	2533.31	6750
Preparation	3535.23	1220.55
Sub-base	2791.56	-
Base Course	9070.01	8524.8
Sealing	11600.8	12542.4
With Emulsion option	Included in sealing price	1008
Prices Ex-Duty		
Total Amount	29530.9	30045.75

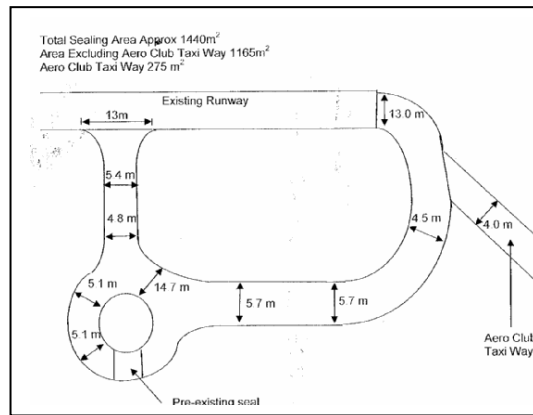


Figure 1 Area to be Sealed

The price submitted from Works Infrastructure includes the Emulsion whereas no costing for sub-base was submitted from Fulton Hogan.