

KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES COMMITTEE MEETING HELD AT 9.00AM ON WEDNESDAY 17 AUGUST 2005 IN THE 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 20/07/05

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4. Minutes Action and Issues List Update

<i>MEETING</i>	<i>ACTION REQUIRED</i>	<i>BY</i>	<i>DATE ACTIONED</i>
	<i>18 MAY 2005</i>		
Works	Moa Point Seawall report	Murray	In Progress
Works	Letter to Toll re Hapuku Railway Crossing	Murray	In Progress
Works	Meeting with local farmers re stock effluent	Murray	In Progress
	<i>20 JULY 2005</i>		
Works	Report on appropriate playground equipment for Beach Road playground	Ian	Refer Agenda Item 6 – page 22.
Works	Supply street numbers on Beach Road identifying driveways to be asphalted	Councillor Thomas	Supplied to M Fletcher 01/08/05

5. Reports:

- **Works and Services Report** *page 1*
- **Roading Report** *page 5*
- **Works and Services Budget Report** *page 18*
- **Bayview Street Upgrade** *page 20*

A report on the tenders received for this proposed upgrade are included in Public Excluded. Two tenders were received from Works Infrastructure (\$168,140.74) and Fulton Hogan (\$184,553.78). The Engineer's estimate was \$151,391.06. It is recommended that the tender be awarded to Works Infrastructure

6. Beach Road Playground Development

page 22

7. Request for placing of Sundial on Esplanade

page 27

8. Lyell Creek Footbridge

A report will be tabled at the meeting

9. Site Visit to Oxidation Ponds

10. Urgent Business

11. Public Excluded Session

Moved, seconded that the public be excluded from the following parts of the proceedings of this meeting, namely

a. Bayview Street Upgrade

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(2)(i) 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
Bayview Street Upgrade	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)

5. Works and Services Reports

WATER SUPPLY

Urban Water

The water demand for July 2005 continued to decline averaging 2564m³/day, June 2005 averaged 2573m³/day. See graph attached showing the water demand trend from April 2004 to July 2005

During the heavy rains from the 20th to the 23rd July the turbidity of the water from the intake was very high. To avoid contamination of the system the alternate bore was put in operation for the entire period delivering an average of 2160m³/day. The town water supply was however not interrupted.

Apart from this incidence no major problems were encountered with the water supply system.

Leak Detection

The repair of water leakages identified within the water reticulation is now complete. As a result of this activity an estimated total of 237.6m³/day will be saved. See Table 1 for details.

Table 1

Address	Location of Leak	Main Size dia (mm)	Material	Max (l/m)	Date Repaired	Comments
Torquay St Outside St. Peters	Footpath	100	SRS	50		Main to be renewed
1 Torquay St	On Road	100	A.C	45		Main to be renewed
173 Torquay St	On Road	150	A.C	50	5-Aug	
226 Esplanade	Footpath	100	SRS	10	26-Jul	
146 Esplanade Footpath	Footpath	32	Galv	20	27-Jul	
222 Esplanade	Footpath	100	SRS	30	26-Jul	
124 Esplanade	On Road	150	A.C	15	27-Jul	
Opp 19 -21 Austin St	Off road - G	32	Galv	10	.-	Not found
Jnc Ludstone Rd & Grays In.	On Road	50	H.D.P.E	10	.-	Not found
Jnt. Weka Rd & Kaka Rd	On Road	100	A.C	40	1-Aug	
Total Expected Potable Water to be saved					m³/ day	237.6

Kincaid Water Supply

Quotations received for the installation of a chlorination plant were reviewed and submitted for consideration and approval for implementation.

Metering of Commercial Properties

Of the 17 properties that were identified to be metered, 9 will be metered; these installations are expected to be completed by August 26th.

For properties that pose difficulty in installing meters, further discussions will be convened to determine the cost-effectiveness of metering these properties.

SEWER SYSTEM

Urban Reticulation

The sewage flow averaged 1508m³/day a normal trend in the winter period. A high peak of 2613m³ was recorded on the 20th July 2005; this high flow could be attributed to the heavy rains during the period.

Some facilities experienced minor operational problems during the month which were all corrected within a 2hr timeframe and put back into operation.

The new pumps and one of the new filtration beds were commissioned on the 22nd July 2005. As a result the water levels in the pond have now dropped to normal levels as shown in the graph below.

The measured Dissolved Oxygen showed an increased when compared to the previous reporting period (averaging 1.7mg/l with maximum been 5.8mg/l) as is shown in the attached graph.

Apart from the above, no major problems were encountered with the system

STORMWATER

Urban Stormwater

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

The Ludstone Road/Rorrison's Rd drain is now cleaned.

The storm water outlet at Moa Point was broken and continued to block due to ingress of shingles and weeds getting into the main from the sea during high tide. This is now repaired. A flood valve is installed to stop the sea water, shingles and sea weeds from getting into the pipe during high tide as shown in Picture below.



Picture 1 Showing Installed Flood Valve

Discharge Audit

Audit of individual properties to determine their storm water discharge point started on June 27th 2005 and is now completed. Council staff assessed just over 1000 properties within the urban area. 22 properties (2.2%) were found to be connected to the sewer system, of the 22 that

were connected 7 have already been corrected with some premises to be revisited to confirm disconnection whereas others will be written to.

Assuming an average roofed area of 180m² and an average peak rainfall of 120mm the total flow contribution of the 22 premises equates to 486m³/day.

Considering this, Council needs to look at using smoke test to determine additional properties that may be connected to the system.

PARKS & RESERVES

Despite a weeks delay (resulting from rain) in the schedule for mowing of the parks and reserves, the areas are in fair condition with nothing major to report on.

PUBLIC TOILETS

Most of the public toilets are in a fair condition. However, there continues to be serious vandalism at the West End toilet facility. On July 20th wall boards were broken (this was only replaced in June of this year) which were again broken on July 26th. At this time also, one of the ladies toilets was also vandalized.

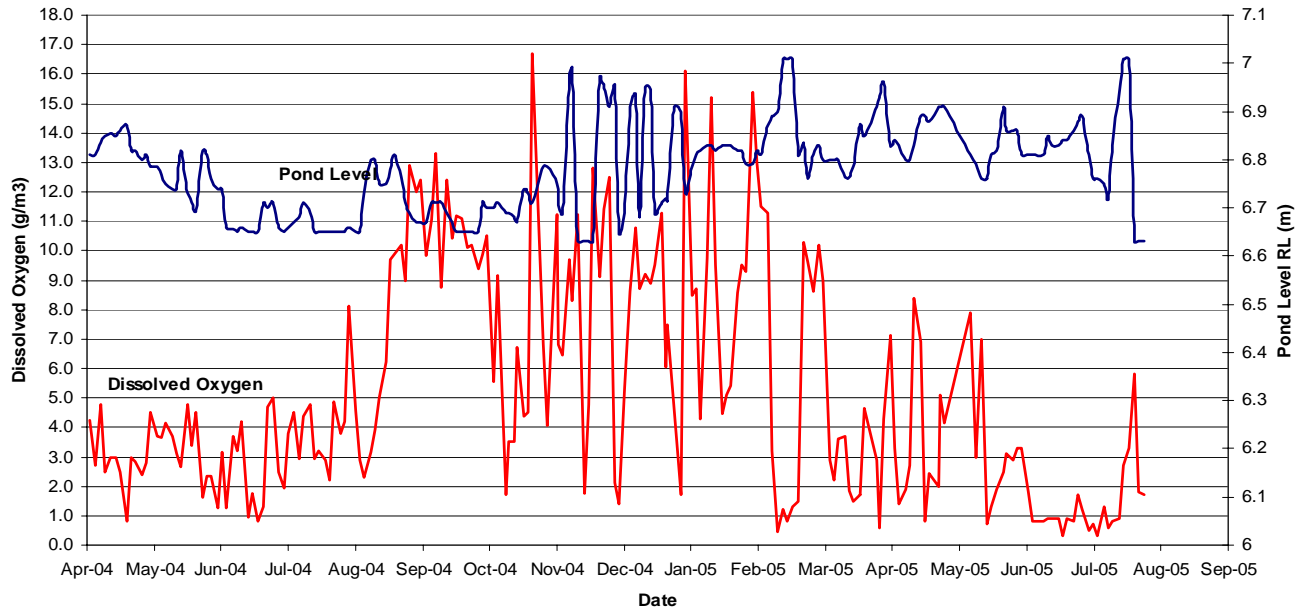
On July 18th the sump pump at Jimmy Armers toilet was burnt out. A replacement was procured and installed on July 20th.

Notwithstanding the above facilities are being fairly maintained.

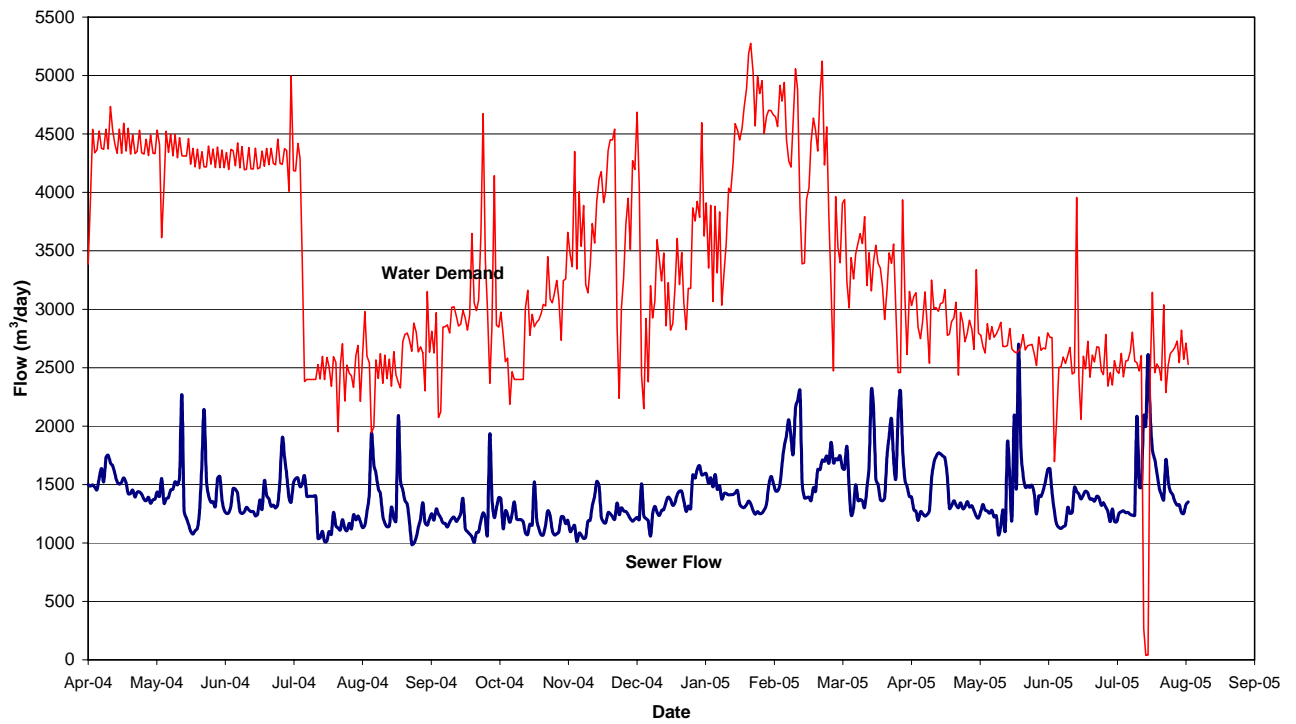
OTHER MATTERS

Work continues on the processing of resource consents.

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



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



Roading Report

LAND TRANSPORT PROGRAMMES/RECORDS

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

In the past month, the National Land Transport Programme Agreement Schedule has been signed and forwarded to Land Transport New Zealand. Reporting for the financial year ending 30 June 2005 has also been prepared and forwarded to Land Transport New Zealand.

The final claim for the year ending 30 June 2005 has been prepared and forwarded to Land Transport New Zealand. The result was very pleasing, with expenditure being slightly over Council budget but under the funds available from Land Transport New Zealand.

ROUTINE ROAD AND BRIDGE INSPECTIONS

Routine road and bridge inspections are continuing with the roads in the Southern Area inspected on 3 August 2005. (A copy of the record of inspection is attached.) Generally the roads were found to be in satisfactory condition, in particular as there had been a long period of wet weather during July which resulted in a series of minor damage to the District roads including slips and scouring of road edges. The majority of this damage had been prepared by the time of the inspection.

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 July include the following roads:

- 1) Inland Road (Linton Downs);
- 2) Ludstone Road;
- 3) Kekerengu Valley Road;
- 4) Mill Road.

The Inland Road counts show a negative growth of 6.2 percent over the past five years. Ludstone Road shows a negative growth of 4.9 percent. Kekerengu Valley Road shows a negative growth of 22.8 percent, although this year's counts are close to the counts in 2003 and slightly higher than the counts in 2004. Mill Road shows a growth rate of positive 2.6 percent, with the counts being 270 vehicles in May 2001 and 340 vehicles per day in 2005.

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

FOOTPATH UPGRADES

All work is planned to be finished by 31 August 2005, with the exception of grass berms and general tidying.

Currently work is continuing on the Ludstone Road kerb and channel, and resealing footpaths on Whitby Place and in South Bay.

WEST END REDEVELOPMENT – STAGE ONE

This project is complete and in maintenance.

RESEALING 2005/2006

This contract is ready to tender.

MAINTENANCE GRAVELLING 2005/2006

As reported last month, we are in the process of gathering information as to which roads are to be maintenance gravelled in the current financial year. As in previous years, maintenance gravelling will take place in April 2006.

STOCK EFFLUENT ON COUNCIL ROADS

We intend to commence follow up work in the week commencing 15 August 2005.

MOA POINT SEAWALL

The Resource Consent Application has been completed and we are currently consulting with the local Runanga.

STREET LIGHT UPGRADES

MainPower is currently pricing the next stage of upgrades.

BAYVIEW STREET UPGRADE

Tenders for this contract closed on 26 July 2005. A tender report has been prepared and forwarded under separate cover.

**Infrastructure Works Timetable
2005/2006**

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

ROAD MAINTENANCE CONTRACT RECORD OF INSPECTION

3 August 2005

1. Rakanui Road

- i) Very low metal at railway crossing requires immediate attention. Works / Tranzrail responsibility.
- ii) Grading required to repair potholes in unsealed section. Look at including on maintenance gravel programme.

2. Inland Road

- i) Clear small slip at Greenburn bluffs and clear out large debris from side channels.
- ii) Digouts required to remove humps caused by tree roots.
- iii) Edgebreak developing in vicinity of RP 9.0.

3. Scotts Road

- i) Good condition after recent grade.
- ii) Problem with drainage channels at bottom of hill evident following period of rain, look at again during next inspection.

4. Blunts Road

- i) Good condition after recent grade.

5. Dairy Farm Road

- i) Grading in progress. Completed to end of hill section. Required along remaining road to repair potholes.

6. Red Swamp Road

- i) Culvert markers required at culvert just west of Green Lane.
- ii) Unsealed section untidy following rain but in satisfactory condition.

7. Green Lane

- i) Potholes developing, requires grading.
- ii) Vegetation appearing along shoulders to be cleared with next grade.

8. Chapmans Road

- i) Satisfactory condition.

9. Postmans Road

- i) Unsealed section requires grading to repair potholes.
- ii) Ponding in problem low area. Works to provide centreline levels to CW with aim to raise road level.
- iii) Clear vegetation and build up of material upstream and downstream of concrete pad at Lukes Ford.
- iv) Make up metal required to low shoulder on LHS of road west of Lukes Ford.
- v) Loss of seal requires attention in centre of carriageway on west side of first Ford.

10. McInnes Road

- i) Some scouring along road edge at Postmans Road end otherwise good condition.

11. Pooles / Topline Road

- i) Satisfactory condition.

12. Mt Fyffe Road

- i) Scouring of road has been repaired after heavy rain, look at improving surface water channels on LHS to prevent recurrence.
- ii) Windrows and high shoulder along RHS particularly between Pooles and Topline preventing water reaching side drain. Should be removed or cutouts provided at regular intervals.

13. Ludstone Road

- i) Satisfactory condition.

14. Scarborough Street

- i) '50' sign to be re-erected, new post required. The better condition side of sign to be facing traffic heading eastbound to peninsula.
- ii) Trim bank to improve sight distance at Lookout Road junction.
- iii) New sump required in grass berm at Barnacle Bills.

15. The date of the next road inspection is 7 September 2005.

2 August 2005

Stuart Grant
Chief Executive Officer
Kaikoura District Council
PO Box 6
KAIKOURA

Dear Stuart

KAIKOURA DISTRICT COUNCIL- BAYVIEW STREET UPGRADE 2005

The above contract has been tendered in accordance with the Transfund Competitive Pricing Procedures. Tenders closed at the Connell Wagner office on Tuesday 26th July 2005 at 4.00pm.

The contract is a measure and value contract. Two tenders were received as follows:

1. Works Infrastructure	\$168,140.74
2. Fulton Hogan Ltd.	\$184,553.78
3. Engineers Estimate	\$151,391.06

In accordance with the Transfund Competitive Pricing Procedures, we have listed the tenders in order by price and evaluated the tender having the lowest price, being that of Works Infrastructure. Its tender is signed and has the correct addition.

A comparison of the estimate with the two tenders is shown on the attached sheet. Subtotals of the three components, Kerb and Channel, Footpath and Watermain Renewal are also shown.

It can be seen that the Engineers Estimate for the three components is lower than the tendered prices with the Kerb and Channel component making up the majority of the difference. The price difference can be attributed to a higher establishment cost and a higher rate for new kerb and channel (item 4.1). Rates for these items in the Engineers Estimate were based on prices previously received for similar work in the Kaikoura District, including the Westend Development Stage 1 and Yarmouth Street Upgrade.

We have assessed the non-price attributes of the lowest tender, being Works Infrastructure and as their attributes pass, the attributes of the other tender does not need to be assessed.

While the tendered price of Works Infrastructure is higher than the Engineers Estimate, we believe that the work can still be accommodated within Council's budget.

The lowest conforming tender received is from Works Infrastructure. In accordance with Transfund Lowest Price Conforming Method, clause 2.6.2, the district may only enter into a contract with the conforming tender, having the lowest price. Works Infrastructure tender of \$168,140.74 should therefore be accepted.

We await your acceptance before notifying the tenderer's of the results and preparing contact documents.

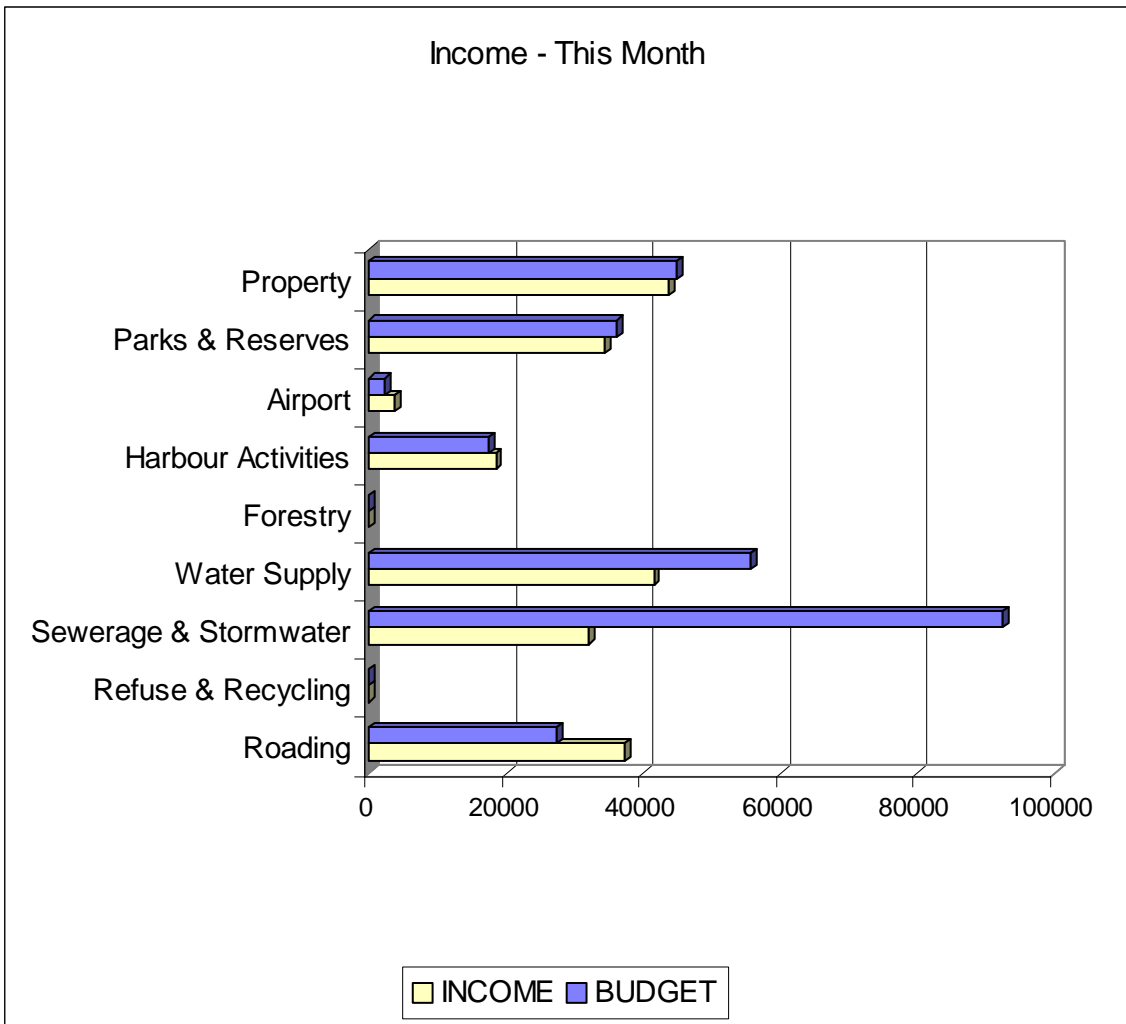
Please find enclosed a copy of the Works Infrastructure tender.

Yours sincerely

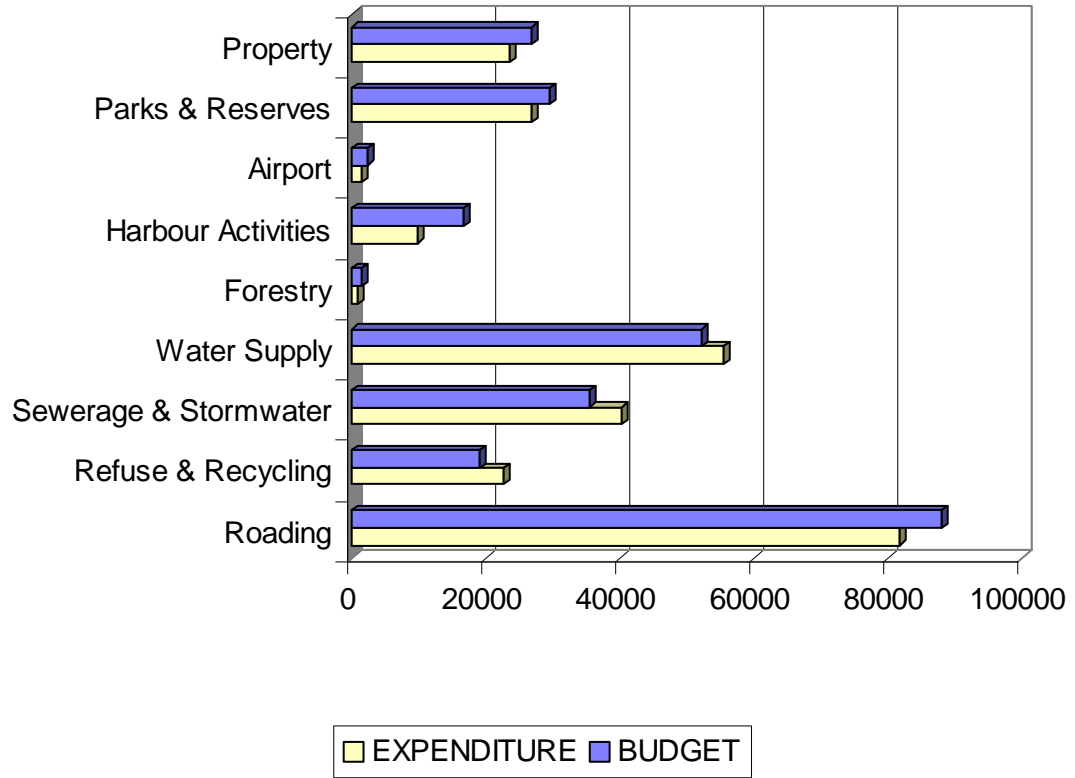
Murray Fletcher
Senior Associate

Encl.

Works & Services Budget Report



Expenditure - This Month



6. Beach Road Playground Development

As the committee is aware, council purchased a section at 173 Beach Road, adjoining Gillings Lane reserve for the purpose of establishing a children's playground and improving the visual appeal of the section through planting.

Three ideas for playgrounds were obtained from the Playground Centre and have been included with this report. Views on this equipment were then sort from children at Kaikoura Primary School and from the children of council employees as well as adults with the following results obtained;

Equipment	Children's views	Adults views
Jungle Escape 402	8	0
Jungle Escape 404	2	0
Jungle Escape 406	44	9

Jungle Escape 406 is therefore supported overwhelmingly by 84% of those asked. Most people agreed that it was the most interesting and varied with something and space for everybody to enjoy.

The cost of this equipment is as follows:

- Jungle Escape 402 \$18,484,
- Jungle Escape 404 \$21,993 and
- Jungle Escape 406 \$25,482, all prices include installation and are plus GST. The cost of each of these options is within the budget set aside for the development of this reserve which was \$32,000.

Additional to the cost of the equipment will be the safety surfacing required either bark nuggets or rubber matting and the cost of planting around the reserve and again these costs can be met from the budget set aside for the project.

Clearly Jungle Escape 406 is more expensive then the other options however it is still well within budget, the most popular equipment proposed, and it is felt to be the most interesting and varied equipment As such it is proposed to purchase Jungle Escape 406 for installation on the Beach Road Playground.

Report to Council

Sundial on Esplanade

Attached is a letter from Mrs J Smith requesting permission to erect a sundial on the Esplanade in the vicinity of the wooden carving.

The request is not out of character with the Coastal Management Strategy and could be seen as a feature on the waterfront.

As a structure, it is quite small with the sundial itself being only 22 centimetres in diameter. It would take up less room than a seat.

Recommendation

It is recommended that the approval be given to the erection of a sundial and that it be installed under the supervision of Council's Engineers.