

**KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES
COMMITTEE MEETING HELD AT 9.00AM ON WEDNESDAY 20
APRIL 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 16/03/05

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4. Minutes Action and Issues List Update

	<i>18 AUGUST 2004</i>		
Works	Report on future of Gas Barbeques	Stuart/Ian	In Progress
	<i>17 NOVEMBER 2004</i>		
Works	Consultation with Peketa water users regarding upgrade.	Martin/Stuart	
Works	Survey/count of users of Davidson Terrace Walkway	Murray	See Report Page 9
Works	Further Workshop on Rural Water Supply	Stuart/Martin	In Progress
	<i>16 MARCH 2005</i>		
Works	Check stormwater at individual houses	Martin	In Progress
Works	Subdivide walkway access at 20 Beach Road property	Stuart	In Progress

5. Reports:

- **Works and Services Report** *page 1*
- **Roading Report** *page 8*
- **Works and Services Budget Report** *page 18*

6. Urgent Business

CONSENT PROCESSING

On-going assistance and engineering advice has been provided for previously submitted consent applications and for the following new consent applications:

Applicant	Location of Activity	Consent Sought
A.H. Cameron	Inland Kaikoura Rd	Subdivision
Glen Alton Partnership	Clarence Valley	Subdivision
WB & SM Jackson	42 Churchill St	Subdivision
Pyne Gould Guinness	Corner Beach Rd & Edmond Ave	Land Use
DM Sutherland & MJ Watkins	176 Torquay St	Subdivision
AJ Reader	Meriburn, SH1	Subdivision
G F & J M Muir	231 Beach Road	Subdivision
I W & M E Muir	131 Beach Road	Subdivision & Land Use
Cedar Properties Kaikoura Ltd	SH 1 Mangamaunu	Subdivision
RD Hughes Developments Ltd.	Green Lane	Subdivision
D Wyeth	276 Schoolhouse Rd	Subdivision

WATER SUPPLY

Urban Water Supply

The water demand over March was effected by the amount of rainfall and limited by the amount of water available from the alternate bore – See attached graph.

It is known that the alternate bore does not quite have to capacity to meet demand, so while the supply is switched over for during wet weather the reservoirs are slowly depleted. For a few days near the end of March, levels were so low that Works Infrastructure were required to manually open and close the valves to the reservoirs to avoid water shutdowns.

Kaikoura Water Supply Renewal

The tender period for the water renewal contact closed on 1 April 2005. Of the three contractors invited to tender, Works Infrastructure were the only ones to submit a final tender. The tendered amounts, compared to the Engineer's Estimate are shown below:

	Engineer's Estimate	Tender Amount
Old Beach Road	\$17,528.50	\$19,051.50
Ludstone Road - East	\$19,568.50	\$18,873.00
Ludstone Road - West	\$8,580.63	\$9,195.50
Pooles Road	\$7,664.00	\$7,254.00
Contingencies	\$7,500.00	\$7,500.00
Total	\$60,841.63	\$61,874.00

Note that the water renewal work planned for Bayview Street will be tendered as part of the overall Bayview Upgrade Contract.

Based on the tender results the contract was awarded to Works Infrastructure. Work has commenced on setting out and construction should be well under way within the coming month.

SEWER SYSTEM

Urban Sewer Reticulation

There have been no significant events over the last month to report. The high flows can be seen to be typical for this time of year although there are some peak flows that are most likely to be associated with infiltration during high rainfall events – See attached graph.

Sewage Treatment

The work undertaken in February to extend the overflow basin can be seen to have had a positive effect on both pond level and dissolved oxygen levels – See attached graph.

However, the pond remains higher than desirable and we are hopeful for some lower visitor numbers and less rain for the month ahead.

Sewage Treatment Upgrades

The contractors are on site and hope to complete the project within schedule.

STORMWATER SYSTEM

Urban Stormwater

There have been no significant events to report, despite the high rainfall.

PARKS & RESERVES

The parks and reserves have been inspected and were found to be in generally good condition.

OPERATION AND MAINTENANCE CONTRACTS

Water, Stormwater and Sewer Schemes

The five-year contract for the operation and maintenance of the water, stormwater and sewer schemes in the district has been tendered.

The tender period closed on 6 April 2005 and there were three conforming tenders from the following companies

- Works Infrastructure Ltd
- Fulton Hogan Ltd
- Environmental Operations Ltd

This contract was tendered according to the Weighted Attribute Method, where non-price attributes are considered as well as cost. The overall grades are shown in the following table:

Contractor	Tender Price	Price Grade	Non-Price Grade	Total Grade
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Works Infrastructure	\$1,664,644.00	32.9	23.3	79.5
Fulton Hogan	\$1,256,000.20	51.8	23.5	98.8
Environmental Operations	\$1,617,713.57	35.0	15.7	66.3

Fulton Hogan had the highest overall grade, so in accordance with the Weighted Attribute Method, the contract was awarded to Fulton Hogan for \$1,256,000.20 (including provisional sums and estimated dayworks schedule).

As can be seen from the similar grading of the non-price attributes, we consider that Fulton Hogan are capable of providing a service that is at least as equal as that previously provided by Works Infrastructure.

Note that the contract sum for the existing contract was \$973,912.64 and the total expenditure on this contract to date, including all variations and additional works, is currently around \$1,500,000.

The new contract comes into effect on 1 May 2005.

Parks and Reserves

The five-year contract for the operation and maintenance of the parks and reserves within the district has been tendered. This contract differs from the current contract by not including tasks associated with litter control, playground, tree and garden maintenance.

The tender period closed on 6 April 2005 and there were five conforming tenders from the following companies:

- Works Infrastructure Ltd
- Roche Contracting Ltd
- G & T Guthrie
- O Jellyman & A Gill
- Mow Jo's Ltd.

This contract was tendered according to the lowest confirming price. The tendered prices ranged from \$504,495.00 to \$1,500,000.00.

Roche Contracting Ltd had the lowest overall price, so in accordance with the lowest conforming price method, the contract was awarded to Roche Contracting Ltd for \$504,495.00 (including provisional sums).

We have checked with the referees provided in the tender documents and we consider that Roche Contracting are capable of providing a service that is at least as equal as that previously provided by Works Infrastructure.

The new contract comes into effect on 1 May 2005.

Public Conveniences

The five-year contract for the operation and maintenance of the public conveniences within the district has been tendered.

The tender period closed on 6 April 2005 and there were two conforming tenders from the following companies:

- Metallic Sweeping Ltd

- Roche Contracting Ltd

This contract was tendered according to the lowest confirming price. The tendered prices ranged from \$249,405.40 to \$387,400.00.

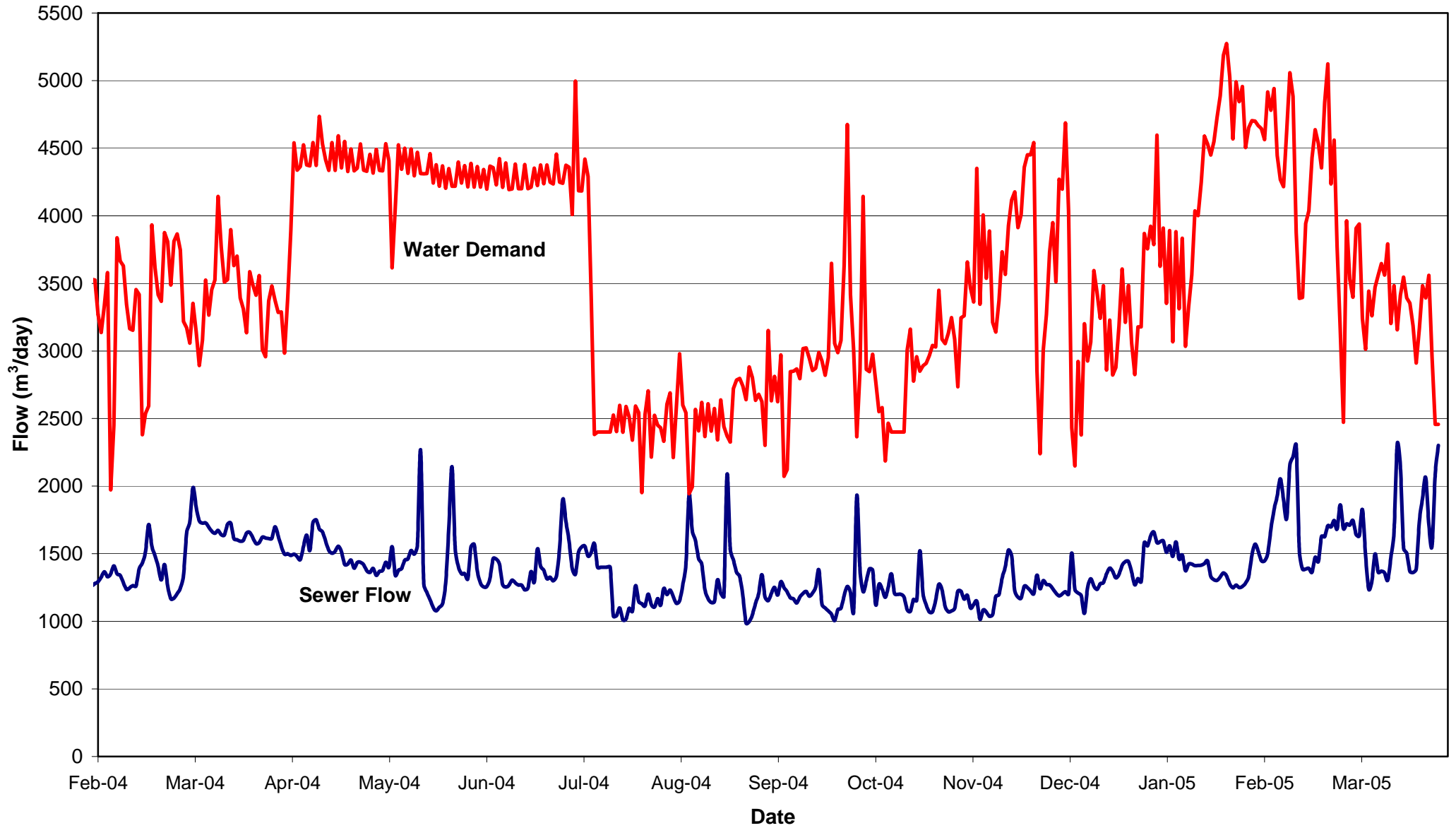
Metallic Sweeping Ltd had the lowest overall price, so in accordance with the lowest conforming price method, the contract was awarded to Metallic Sweeping Ltd for \$249,405.40 (including provisional sums).

We have checked with the referees provided in the tender documents and we consider that Metallic Sweeping are capable of providing a service that is at least as equal as that previously provided by Works Infrastructure.

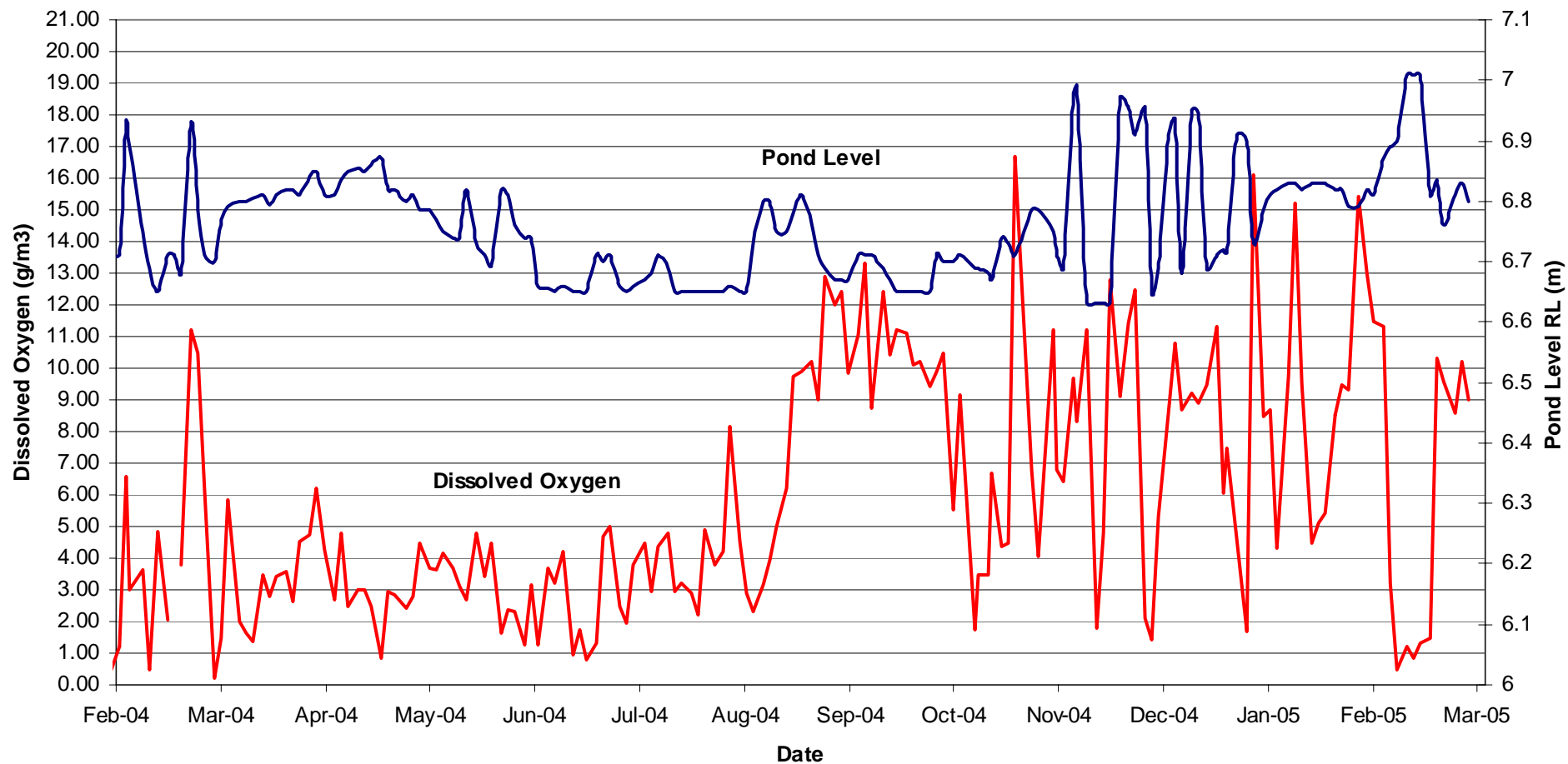
Note that the contract sum for the existing contract was \$ 290,812.29 and the total expenditure on this contract to date, including all variations and additional works, is currently around \$360,000.

The new contract comes into effect on 1 May 2005.

Water Demands & Sewer Flows
(February 2004 - March 2005)



**Kaikoura Oxidation Pond
DO & Water Levels
(Febuary 2004 to March 2005)**



Roading Report

LAND TRANSPORT PROGRAMMES/RECORDS

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

We have had recent verbal advice from Land Transport New Zealand that the roading programme requested for Kaikoura for 2005/2006 is to be approved.

ROUTINE ROAD AND BRIDGE INSPECTIONS

Routine road and bridge inspections are continuing with the roads in the southern area inspected on 6 April 2005 (a copy of the records of inspection are attached).

The condition of the roads was found to be satisfactory, although there are a number of isolated pot holes in both the sealed and unsealed roads which require repair.

The damaged wooden cattlestop on the Clarence Valley Road has been replaced with a new concrete and steel pipe structure. It is intended that further cattlestops will be replaced in the area as money becomes available.

The low area, which has in the past flooded on Old Beach Road, has been raised. This has proved to be very successful with no water lying on the road during and after recent heavy rain.

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 March include the following roads:

1. Old Beach Road, Kaikoura end
2. Old Beach Road, Hapuka end

The traffic counts for Old Beach Road at the Kaikoura end have increased slightly over the last five years while the counts at Hapuka show virtually no change.

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

FOOTPATH UPGRADES

Work on the footpath upgrades is progressing well, with work in both Kiwi and Hastings Streets substantially complete. Work is progressing well on Torquay Street.

The replacement of the existing footpath outside the Kaikoura Fire Station has been completed, as well as a small section of footpath in the West End that was carried out to use up surplus asphaltic concrete.

The Contractor will be commencing work along Beach Road shortly.

WESTEND REDEVELOPMENT – STAGE I

With the completion of the footbridge, ramps and steps, this project has now reached substantial completion.

There is some further work to be carried out around the power kiosk, however the Contractor is awaiting MainPower to complete their work in this area. Once the MainPower work is complete, the power cable across Lyell Creek as well as the Council's water pipe, which is now abandoned, can be removed.

RESEALING 2004/2005

The resealing works for the current financial year have been completed and are now in the defects liability period.

MAINTENANCE GRAVELLING 2004/2005

The maintenance gravelling work has commenced with a series of the roads around the Kaikoura Flats including Topline and Pooles Roads have been maintenance gravelled.

The remaining work which includes maintenance gravelling of the Kekerangu Valley Road is expected to be carried out within the next three weeks.

ROAD MARKING 2004/2005

Work is due to commence this month with a completion date of 31 April 2005.

STOCK EFFLUENT ON COUNCIL ROADS

The follow up as a result of letters going out will commence shortly.

DAVIDSON TERRACE WALKWAY

Pedestrian counts were carried out on Wednesday 6 April 2005 between 2.00pm and 4.00pm. This period of the day was chosen to coincide with the schools finishing.

As expected, the main concentration occurred between 3.00-3.30pm with school children heading home. The results were as follows:

North to South 2.00-3.00pm = 1, 3.00-4.00pm = 37
South to North 2.00-3.00pm = 0, 3.00-4.00pm = 13

Total count = 51, of which 16 had bicycles
Crossing over the track = 42, under the bridge = 9

MOA POINT SEAWALL

We have been instructed to complete all documentation for the consent and lodge it with Environment Canterbury. This process requires an environmental assessment by an environmental and coastal scientist. Derek Todd Environmental and Coastal Consulting has been engaged for this work and is planning to have his report completed by around mid-May 2005. Derek Todd was engaged for the same role for the other seawalls recently constructed around The Esplanade.

Following the environmental assessment report from Derek Todd we will complete the consent application and lodge it with Environment Canterbury. We expect this to be at the end of May 2005.

**Infrastructure Works Timetable
2004/05**

Project	Awarded	Contractor	Start Date	Completed
Resealing	Yes	T C Nicholls Ltd	February 2005	Yes
Yarmouth Street Upgrade	Yes	Works Infrastructure	July 2004	Yes
Footpath Upgrading	Yes	Fulton Hogan	January 2005	-
Street light Upgrades	Yes	MainPower	January 2005	-
Maintenance Gravelling	Yes	Works Infrastructure	April 2005	No
Seal Extension Lookout Road	Yes	Works Infrastructure	May 2004	Yes
Westend Redevelopment Stage I	Yes	Works Infrastructure	February 2004	Yes
Road Marking	Yes	Road Markers Waikato Ltd	March 2005	-
Watermain Renewals	No	-	April 2005	-
Sewage Treatment Upgrade	Yes	City Care Ltd.	February 2005	-
Lyell Creek Biofilter	Yes	Works Infrastructure	March 2004	Yes
Moa Point Seawall	No	-	July 2005	-
Bayview Street Upgrade	No	-	July 2005	-

**RECORD OF INSPECTION
ROAD MAINTENANCE CONTRACT**

6th April 2005

1. Birches Road

- i) Satisfactory condition.

2. Glencree Road

- i) Several potholes near bridge need repair.

3. Oaro M

- i) Satisfactory condition.

4. Waitane Road

- i) Minor potholes developing at start of unsealed section.

5. Moana Road

- i) Good condition.

6. Valley Road

- i) Potholes need repairing.
- ii) Improvements to be made to swale drain running across driveway to soak pit.

7. Makura Road

- i) Fallen branch on carriageway. Grass growing along edge of seal and concrete footpath.

8. Peketa Road

- i) Grading required to repair potholes.

9. Rakanui Road / Bullens Road

- i) Additional metal required across railway crossing, Tranzrail to be notified.
- ii) Grading required to repair potholes.
- iii) Small pothole in seal at Bullens Road intersection

10. Inland Road

- i) Replace stolen 'Blunts Road' sign.
- ii) Sweeping of gravel at entrances.

11. Scotts Road

- i) Repair potholes from cattlestop to end of road.

12. Blunts Road

- i) Road in satisfactory condition however vegetation in widened carriageway needs to be cleared.

13. Dairy Farm Road

- i) Grading required to tidy up road following heavy rain.
- ii) Washed out bridge approach has been reinstated.

14. Kowhai Ford Road (South)

- i) Road bare and heavily potholed, requires grading.

15. Moa Road including Launching Ramp Parking Area

- i) Repair large potholes near boat ramp.

16. South Bay Parade

- i) Small pothole by Finz restaurant otherwise good condition.

17. Red Swamp Road

- i) Repair potholes near Green Lane.

18. Postmans Road

- i) Lukes Ford - Remove built up area of rock and soil upstream of concrete pad.
- ii) Low area in unsealed section to be observed during next heavy rain to ascertain appropriate repair method.
- iii) Edge break repairs in progress.

19. Chapmans Road

- i) Road surface bare but even. Look at adding to maintenance gravelling programme.

20. Mt Fyffe Road

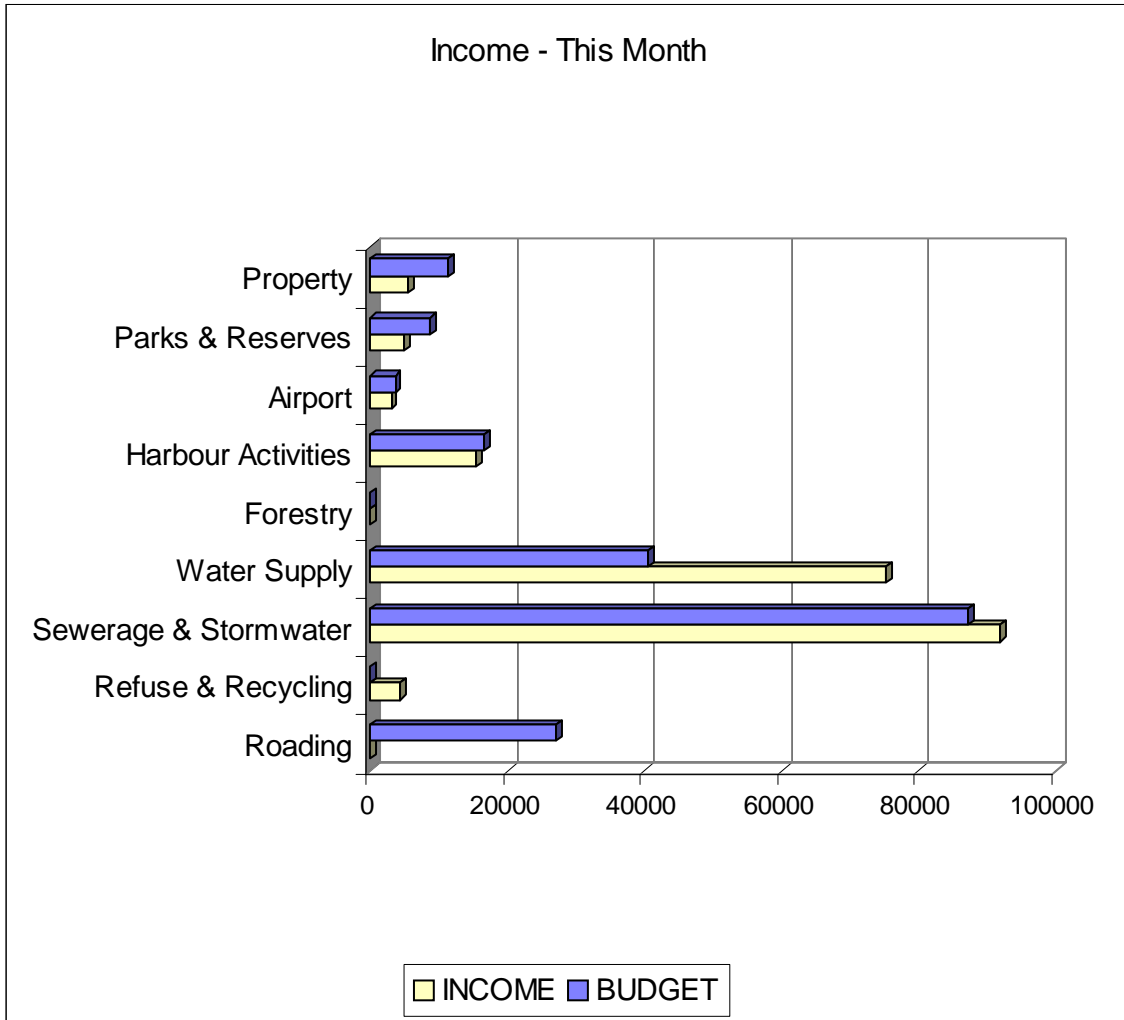
- i) Mackles cow crossing broken up and in poor condition.

21. Mill Road

- i) Make up metal to be placed along road shoulders.

22. The date of the next road inspection is 4 May 2005.

Works & Services Budget Report



Expenditure - This Month

