

**KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES
COMMITTEE MEETING HELD AT 9.00AM ON WEDNESDAY 18
MAY 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 20/04/05

page 51

4. Minutes Action and Issues List Update

5.

	<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	In Progress
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 6*
- **Works and Services Budget Report** *page 13*

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
R Jones	Puhi Puhi Road	Subdivision
J R Smith	10-20 West End	Subdivision
Rush	Mt Fyffe Rd	Subdivision
A & C Taylor	Grange Rd	Subdivision

WATER SUPPLY

Urban Water Supply

The water demand over March and April can be seen to be tapering off from the summer peaks. This is consistent with what we would expect for this time of year – See attached graph.

Detection Services were engaged by Council to undertake leak detection around the Kaikoura urban area. While we have yet to receive their final report, they have indicated to us that a number of leaks were detected. The final report on leaks will direct our maintenance program and influence the water renewals planned for the coming financial year.

Undoubtedly the most significant disruption to the water reticulation system over the previous month was associated with the 1080 scare. Upon discovery of the tampering with the reservoir, by our Maintenance Contractor, steps were taken to isolate the Peninsula Reservoir from the rest of the reticulation. The reservoir was drained and flushed prior to reconnection.

Water samples taken from the reservoir and the reticulation were tested and no 1080 or any other contamination was detected, indicating that this was just a hoax for publicity. However, this scare did challenge our previous assumption that the probability of sabotage to water supplied in Kaikoura was low. This has prompted a review of security measures. Immediate measures, such as changes to the padlocks are being implemented.

As part of the requirements of the Local Government Act 2002, Kaikoura District must complete Public Health Risk Management Plans (PHRMP) for all its water supplies. Council has engaged Food and Health Standards to undertake this work, which will no doubt include sabotage as one of the assessed risks.

Oaro Water Supply

During the routine cleaning of the UV unit in Oaro, on 10 May 2005, the quartz shield to the UV lamp broke. While spare UV lamps are held in stock there was no quartz shield in Kaikoura. The Oaro residents were advised to conserve water, while a replacement part was shipped in and the supply relied on stored water. Food & Health Standards and Community & Public Health were also advised

Unfortunately when the replacement part arrived the next morning, it was found to be the wrong part. The correct part was ordered, creating a further delay to the repair.

Rather than letting the system run out of water, untreated water was pumped into the system. Boil Water Notices were issued, however ever since the new well has been commissioned the raw water has never tested positive for any contaminants. The Boil Water Notices are therefore considered to be purely precautionary, as the untreated water is quite drinkable during periods of settled weather.

This failure has prompted a review of maintenance procedures, the spare parts held in stock and the parts information held by the Contractor. It is hoped that lessons learnt from this incident will increase Council's preparedness for similar events in the future.

Kaikoura Water Supply Renewal

Construction of the water renewals for this financial year is under way. The construction program has been effected by the change over between maintenance contractors, while Works Infrastructure directing some of their resources towards completing various maintenance projects that were initiated prior to the end of their contract with Council.

Over the following month the majority of the construction work on the watermain renewals shall be completed.

SEWER SYSTEM

Urban Sewer Reticulation

A failure associated with the non-return valve at the Mill Road pump station was the only significant event to occur over the last month. This failure did result in a small sewer discharge from the station, which was quickly stopped by simply changing over the duty pump until the repairs could be undertaken.

The sewage flows were not entirely unusual for this time of year, although higher flows can be seen to have occurred in the week prior to ANZAC weekend – See attached graph.

Sewage Treatment

The pond levels and the DO readings remain more erratic than desirable. However, little improvement is expected until the upgrade work currently under construction is complete. – See attached graph.

Sewage Treatment Upgrades

The contractors are on site. We are in the unenviable position, where any work undertaken to assist the failing existing infiltration beds and to improve the pond levels, interferes with the earthworks required to construct the new infiltration beds and associated pipe work. Yet, at the same time, the pond levels must be lowered to enable them to construct the new pump station.

Given these complications, the contractors are coping very well and construction is proceeding with only minimal delay.

STORMWATER SYSTEM

Urban Stormwater

There have been no significant events to report.

PARKS & RESERVES

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

OPERATION AND MAINTENANCE CONTRACTS

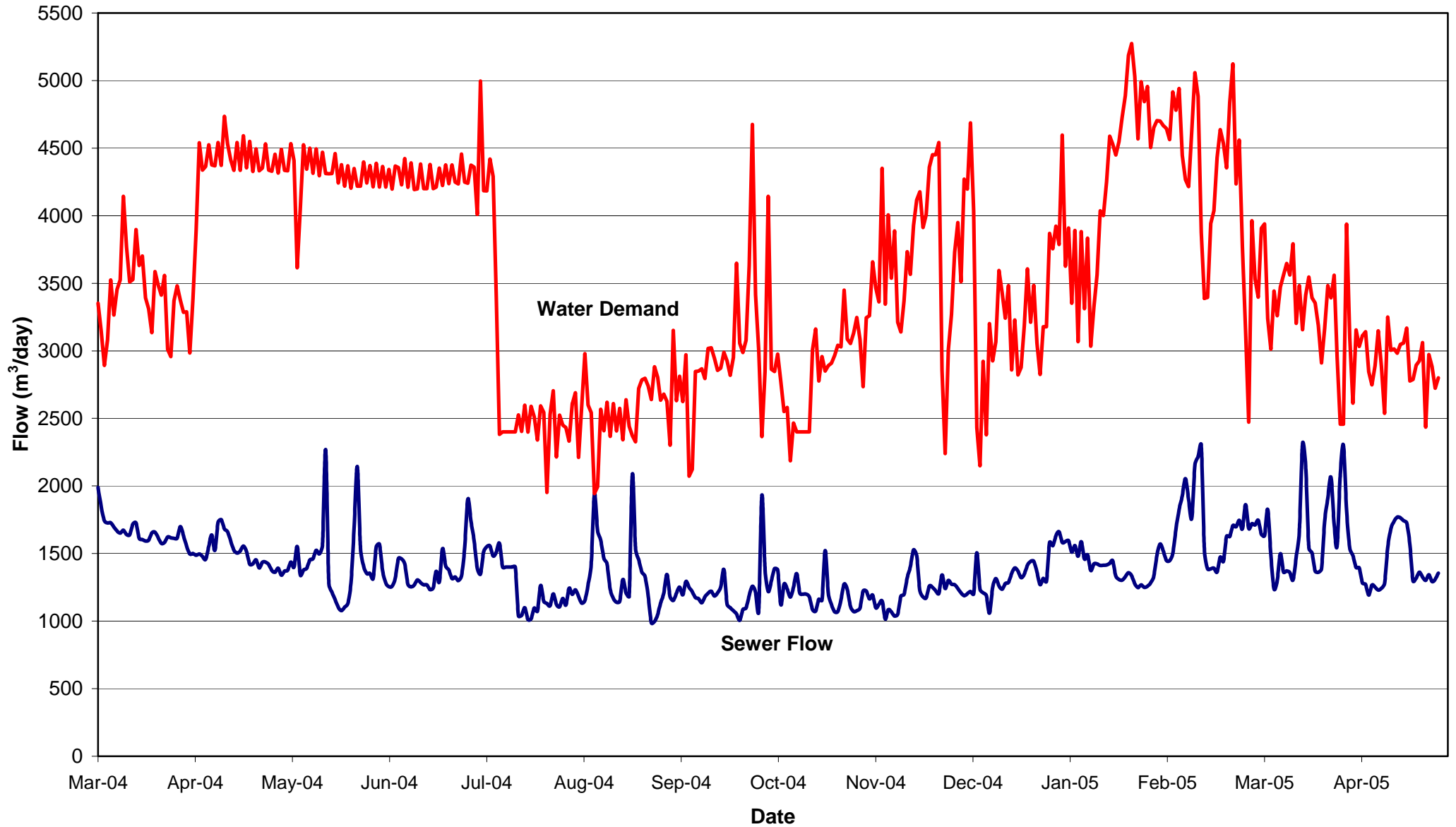
With new contractors for each of the three contracts tendered (ie Parks & Reserves, Water & Sewer etc, and Public Conveniences), there has been a significant hand over process and the new contractors are all on steep learning curves.

Despite these challenges, we have not noted any significant effect on the general level of service offered. Some glitches over the next couple of months are almost inevitable, as the requirements of the various contracts are ironed out, but on the whole we are impressed by the competence and attitude of all the new contractors.

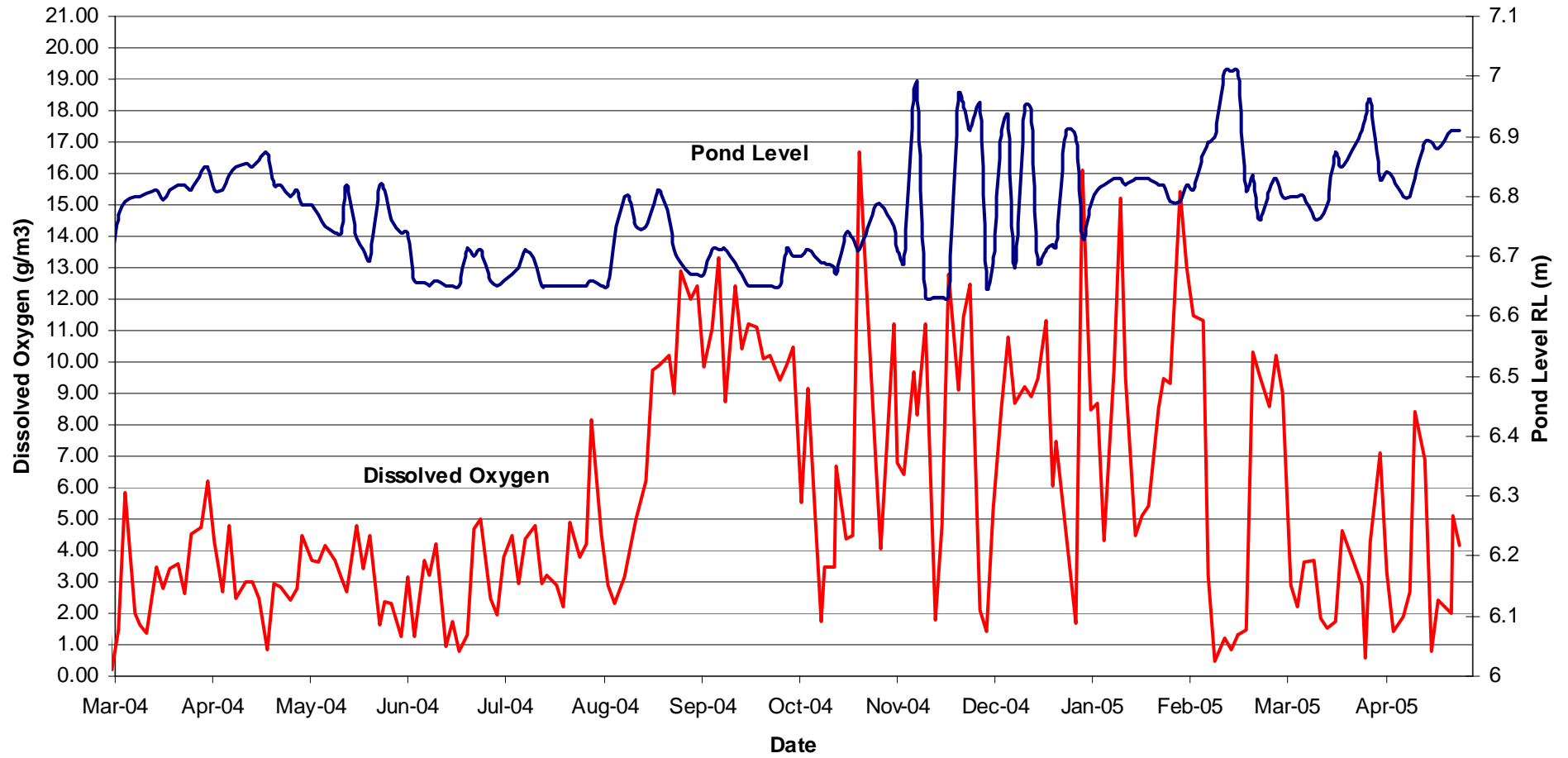
NEW COUNCIL ENGINEERS

Since the last meeting Council's new Engineers, Gallo and Marlene, have started work. They are settling in well and are focusing on building their understanding of the districts water and wastewater services.

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



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



Roading Report

LAND TRANSPORT PROGRAMMES/RECORDS

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

ROUTINE ROAD AND BRIDGE INSPECTIONS

Routine road and bridge inspections are continuing. However the inspection for May has not yet been carried out and is now programmed for 12 May 2005. A copy of the inspection record will be available at the Works and Services meeting.

We have concern over the maintenance of some of the district's roads and a further concern that requested work has not been carried out, with some of this work having been requested up to six months ago. This is being taken up with the Contractor, Works Infrastructure, so that the situation can be corrected.

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 April include the following roads:

1. The Esplanade (Garden of Memories);
2. Harnetts Road.

The traffic counts on The Esplanade have fluctuated between January 2001 and April 2005, showing a minimal growth rate.

The traffic counts on Harnetts Road, although small, have steadily increased between February 2001 and April 2005 indicating a growth rate of around 5%.

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. The new footpaths in Kiwi, Hastings, Torquay, Brighton and parts of Beach Road are now complete, with only the work on the grass berms remaining.

The replacement footpath outside the Kaikoura Fire Station has been completed. The footpath work will now concentrate on the asphaltting of the various footpaths on Beach Road and Ludstone Road.

WESTEND REDEVELOPMENT – STAGE I

This project is now in maintenance.

We are still waiting on MainPower to carry out their work around the power kiosk prior to being able to complete footpath work etc in this area.

RESEALING 2004/2005

This contract is complete and in the defects liability period.

MAINTENANCE GRAVELLING 2004/2005

The Contractor, Works Infrastructure, has advised that crushing of the materials for work on Kekerangu Road will commence this Friday with laying of the maintenance gravel starting on Monday 16 May 2005.

ROAD MARKING 2004/2005

Re-marking of the district's roads, including the introduction and marking of cycle lanes along The Esplanade, has been completed. This contract is now in the defects liability period.

STOCK EFFLUENT ON COUNCIL ROADS

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

MOA POINT SEAWALL

We have instructed Derek Todd, Environmental and Coastal Consulting, to complete his assessment of the environmental effects for inclusion into the Resource Consent to be lodged with Environment Canterbury. With Derek's current workload, he has advised that this work will be complete by mid May. We have recently contacted Derek who now advises that this work will be complete by the end of May.

Once we have received this information from Derek we will complete the Consent application and lodge it.

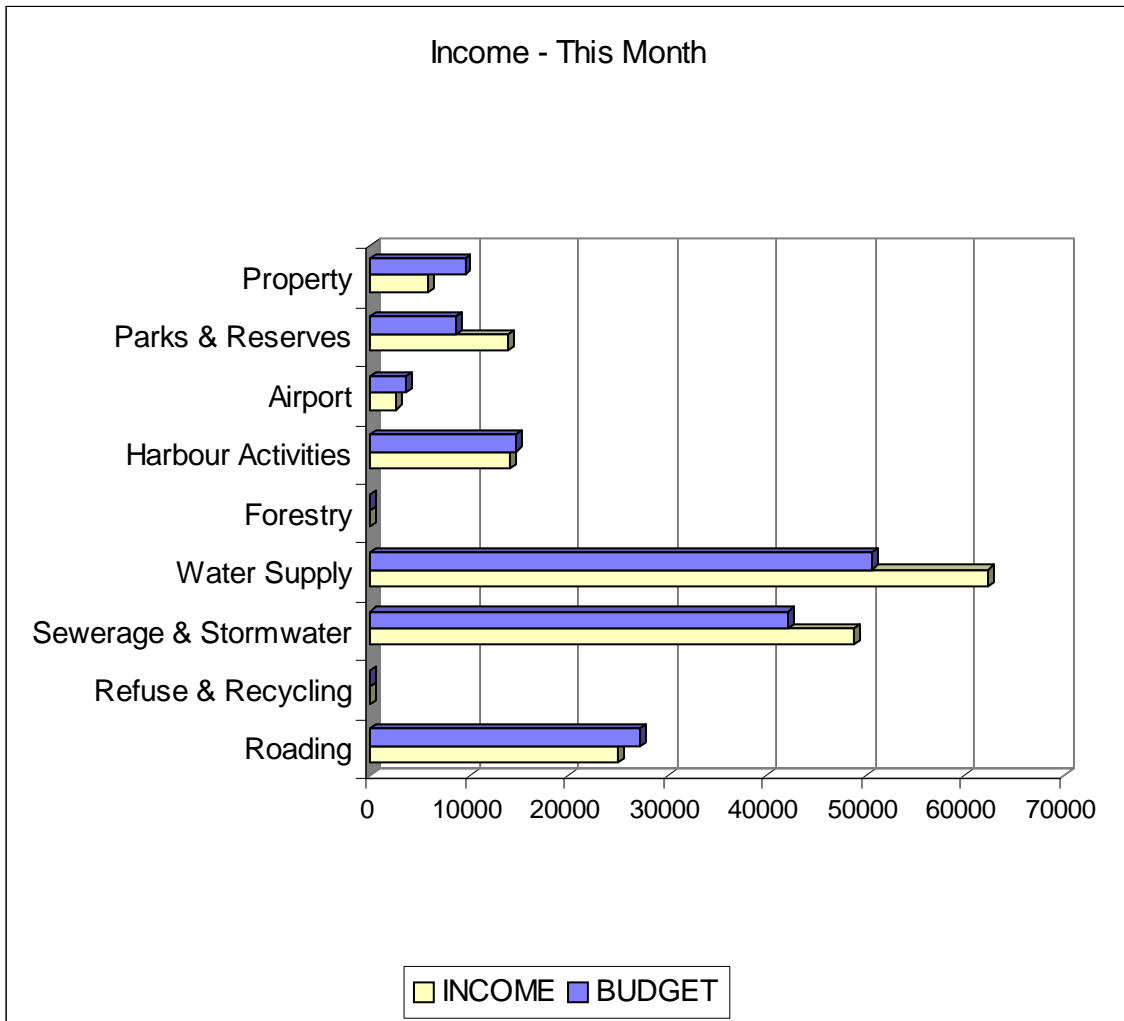
STREETLIGHTING UPGRADES

The upgrading of the streetlights in the Avoca Street area is due to commence. Main Power are currently working on a quotation for the next stage, being lower Killarney, the remainder of Torquay and local roads adjacent to Beach Road

**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		February 2004	Yes
Road Marking	Yes	Road Markers Waikato Ltd	March 2005	Yes
Watermain Renewals	Yes	Works Infrastructure	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	-

Works & Services Budget Report



Expenditure - This Month

