

**KAIKOURA DISTRICT COUNCIL WORKS AND SERVICES
COMMITTEE MEETING HELD AT 9.00AM ON WEDNESDAY 16
AUGUST 2006 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 20/07/2006

page 63

4. Minutes Action and Issues List Update

MEETING	ACTION REQUIRED	BY	DATE ACTIONED
	20 APRIL 2006		
Works	Carry out further investigations on Middle Creek Bridge	Gallo/M Fletcher	Inspection Report- Page 5
	17 MAY 2006		
Works & Services	Arrange collective meeting for early June with local farmers re stock effluent on roads	M Fletcher	In Progress
Works & Services	Investigate options and costings for footpathing from South Bay reserve gate at Kaka Road to Finz Restaurant.	Gallo/Marlene	Refer Public Excluded Section .
	20 JULY 2006		
Works & Services	Provide a report on the condition of swayle drains	Gallo/K Williams (Works Infrastructure)	In Progress

5. Reports:

- **Works and Services Report** *page 1*
- **Roading Report** *page 5*
- **Works and Services Budget Report** *page 12*

6. West End Upgrade

page 14

7. Urgent Business

8. *Public Excluded Session*

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

- a) Tender evaluation – South Bay Footpath Extension*
- b) Ludstone Road Wastewater Pumpstation and Rising Main*

The general 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
Tender evaluation – South Bay Footpath Extension.	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)
Ludstone Road Wastewater Pumpstation and Rising Main.	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)

Works & Services Report

WATER SUPPLY

Urban Water

Operations

During this reporting period, apart from the heavy rainfalls causing high turbidity in the water supply, no major problems were encountered with the water supply system.

Water Demand

The average demand for July was 2431.1 m³/day whereas for June it was 2412m³/day.

The water supplied this month (July) was from both the Waimangarara and the alternate bore. Graph 1 shows the trend in water demand as supplied by the Waimangarara..

Dates	Demand –Chlorine shed (m ³)	Demand – Alternate Bore (m ³)	Total Demand (m ³)	Average Demand (m ³ /day)
July, 2006	67,447	7,917	75,364	2431.1

New Water Source

Work on the new source is now progressing with the contractors back on site. Draft resource consent conditions were received from Environment Canterbury and these have since been perused and commented on, we now await a final decision from Environment Canterbury.

Kincaid Water Supply

There was no major malfunction with the Kincaid system during the reporting month.

SEWER SYSTEM

Urban Reticulation

The sewage flow averaged 1351m³/day during the Month of July, whereas it averaged 1271m³/day during the Month of June. The outflow at the pond pumping station showed an average of 1453 m³/day.

It was also noted that the maximum inflow measured at the Mill Rd pumping station was 2013m³ on the 20th of July whereas the outflow at the ponds showed a volume of 2402m³ on the same day. The high volume can be attributed to the number of wet days experienced in the District.

The measured Dissolved Oxygen (DO) averaged 4.3mg/l. during the month.

STORMWATER

Urban Stormwater

Despite the rains during the month there was no major problem with the storm-water system.

PARKS & RESERVES

The maintenance of these assets continues, most areas are in satisfactory condition.

PUBLIC TOILETS

These facilities are being fairly maintained.

LYELL CREEK FOOTBRIDGE

Construction works have now been completed with only the lighting installation to be completed.

DAVIDSON TERRACE

Works under the underpass at Davidson's Terrace is underway and is anticipated to be completed by end of August, 2006.

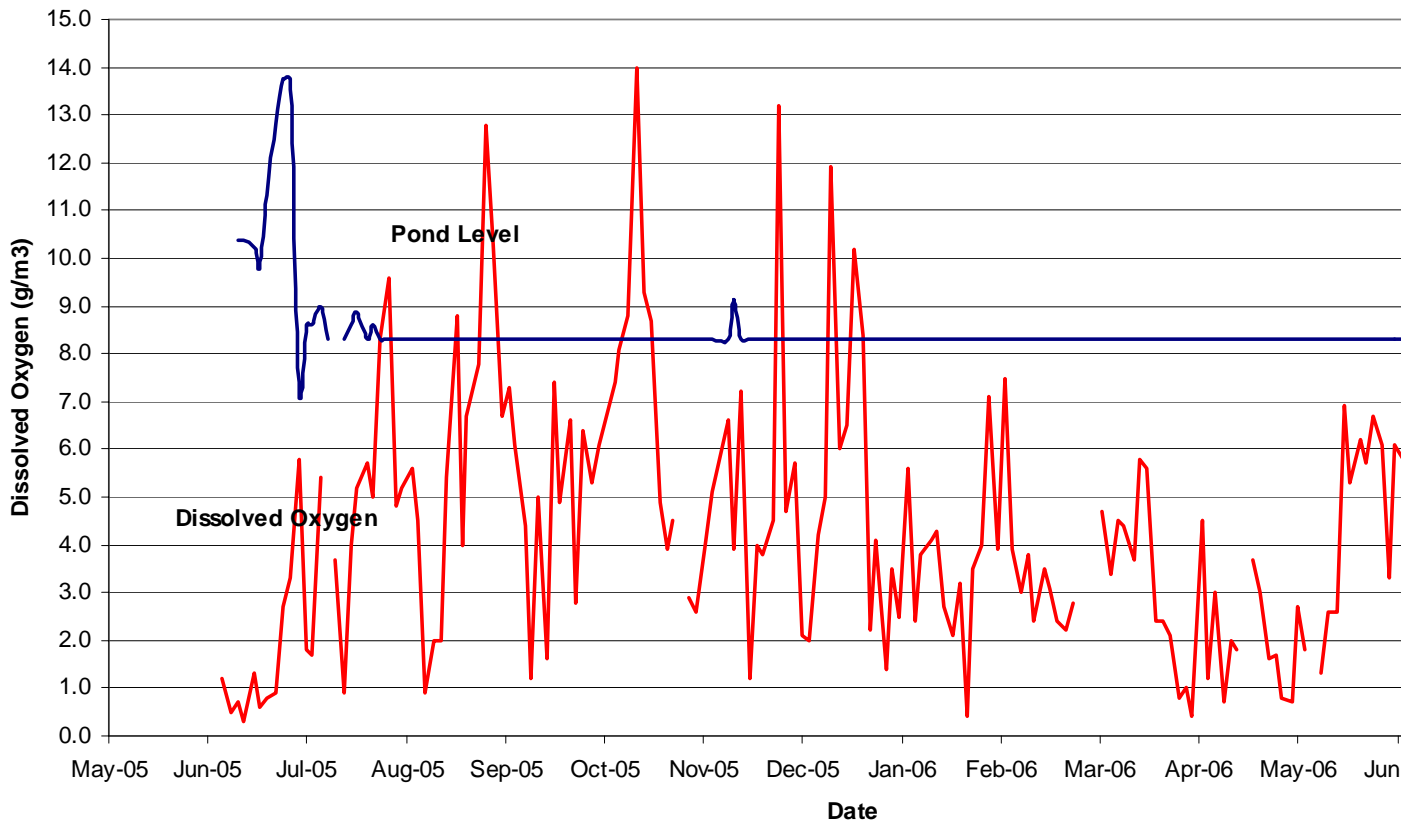
SOUTH BAY PARADE – EXTENSION OF FOOTPATHS

Tenders have been received for the extension of the Southbay footpaths. The evaluation and recommendations are attached for Councils deliberation.

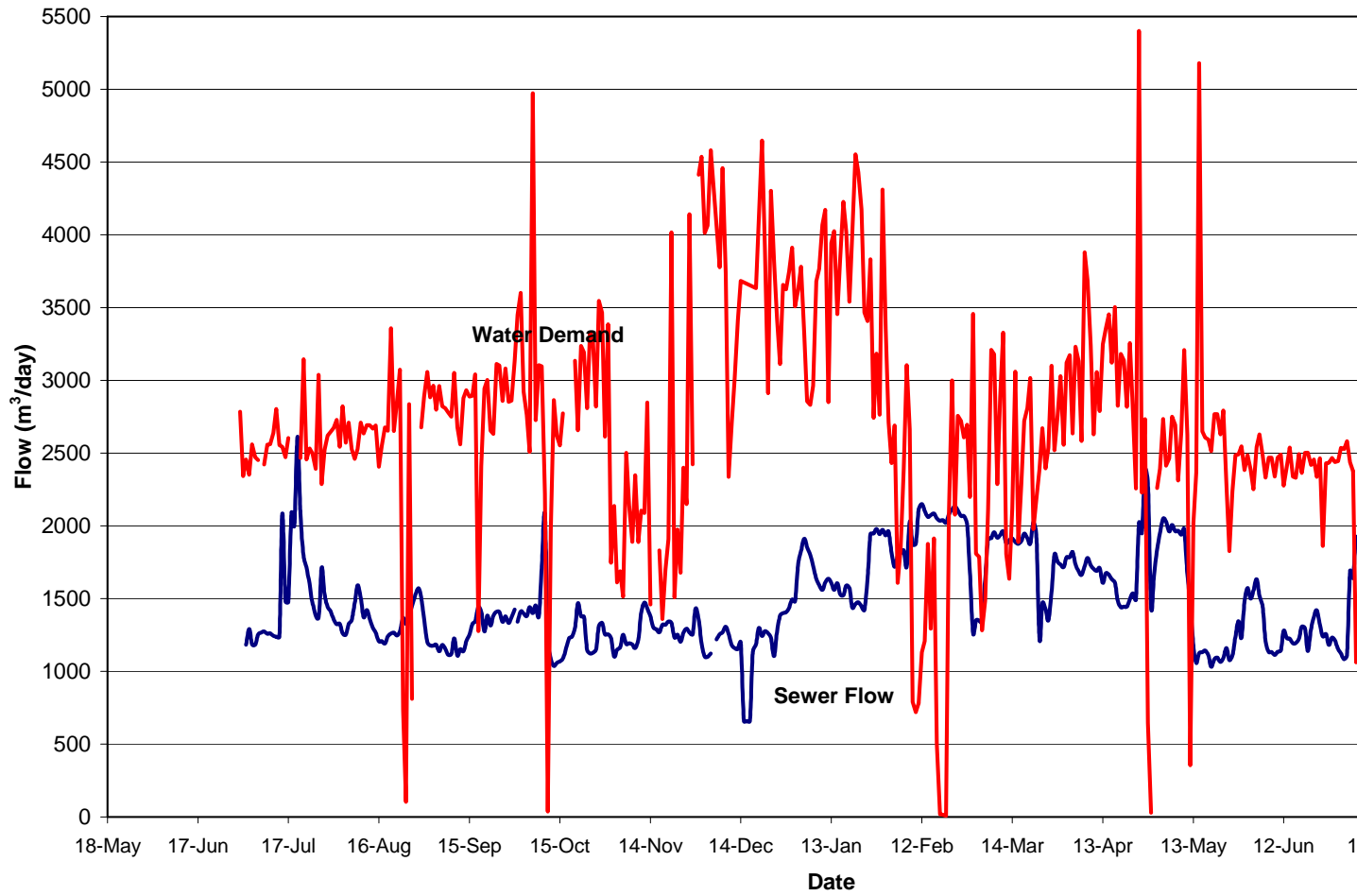
OTHER

Works continue on the processing of resource consents and other issues.

**Kaikoura Oxidation Pond
DO & Water Levels
(July 2005 to July 2006)**



**Water Demands & Sewer Flows
(July 2005 - July 2006)**



Roading Report

ROUTINE ROAD AND BRIDGE INSPECTIONS

In total Kaikoura District Council owns and maintains 44 bridges. The bridge inspection report for the year 2006 is completed and the following observations were made.

Bridge Replacement Program

Three timber bridges have been identified for major upgrades or replacements and the economic lives of all three is zero.

- Middle Creek on Old Bridge Road – the recommendations for this bridge is deliberated in special report summarized below.
- McInnes Bridge on Puhi Puhi Road
- Jordan Bridge on Puhi Puhi Road

Bridge Maintenance Program

Maintenance/repair work required for all of the bridges has been identified in the report and submitted to Works Infrastructure for pricing. The repair works will be carried out in the 2006/2007 financial year.

MIDDLE CREEK BRIDGE UPGRADE - DRAFT INSPECTION REPORT –

A structural assessment of the bridge was carried out by Connell Wagner on the 28th June 2006 and the following was concluded:

Conclusions

1. **Support System** – The existing supporting columns, their stringers and bracings have sufficiently deteriorated and require replacement.
2. **Superstructure** - The superstructure consisting of a timber road base sealed with stone chips bound in bitumen, the bearers, the beams and the remainder of the superstructure including the bolted connections are all deemed to be structurally in good conditions for the intended use.
3. **Abutments** – The abutments are structurally sound with no sign of scouring or cracking however, as for the bearing or anchoring systems it was not possible to assess them.

Recommendations

Foundation Options

1. Driven steel, timber or pre-cast concrete piles/columns
2. Bored reinforced concrete piles connected to steel columns
3. Shallow footings sufficiently embedded to avoid scouring

Foundation recommended – Six Steel H piles

Next Stage

1. Ground Investigation to determine bearing capacity of the underlying strata

2. Structural Design,
3. Costing and
4. Application for funding

RAMM SYSTEM UPGRADE

This is on going and is being carried out by Connell Wagner.

TRAFFIC COUNTING PROGRAMME

Traffic Count for the month of July include the following roads

1. Redswamp Road – 190 Vehicles per day
2. Scarborough Road – 660 Vehicles per day

For Red swamp road the vehicles per day has been on a steady increase from year 2003 and a 5.3% increase between 2005 and 2006. Overall growth rate from 2001 to 2006 is 2.84%

The count for Scarborough Road for year 2006 has increased by 24% compared to year 2005 which had 500 Vehicles per day. Overall growth rate from 2001 to 2006 is 3.9%

STOCK EFFLUENT ON COUNCIL ROADS

Connell Wagner will be providing Council with the list of farmers that were in consultation with M Fletcher and Council will take over the consultation process thereafter.

MAINTAINANCE GRAVELING 2006/2007

The Roads maintenance gravelling program for the financial year 2006/2007 will be completed by October 2006.

RECORD OF INSPECTION

20 July 2006

1. Kekerengu Area

- i) Road to be inspected later this month.

2. Clarence Valley Road

- i) This road needs grading. Potholes, corrugations and some scouring on hill section evident.
- ii) Marker posts required on some of the culverts.
- iii) Some of the road edge markers need straightening.

3. Silver Springs Road

- i) Requires grading. Potholes, corrugations.

4. Matariki Road

- ii) Requires grading lots of potholes on road.

5. Waipapa Road

- i) Road is potholed and needs grading, needs reshaping and correction of road camber.

6. Blue Duck

- i) Road in Satisfactory condition

7. Kiwa Road

- i) Badly potholed and corrugated, section towards end of the road approx 500, was never graded and needs filling of some of the big potholes and the entire road needs grading.

8. Puhi Puhi Road RP 0.0 to RP 6.0

- i) Section from Clinton Bridge to the SH1 needs grading.
- ii) Repair potholes at Puhi Puhi #1 bridge ends.
- iii) Weight restriction sign on the Jordan Bridge fallen off and needs erecting.

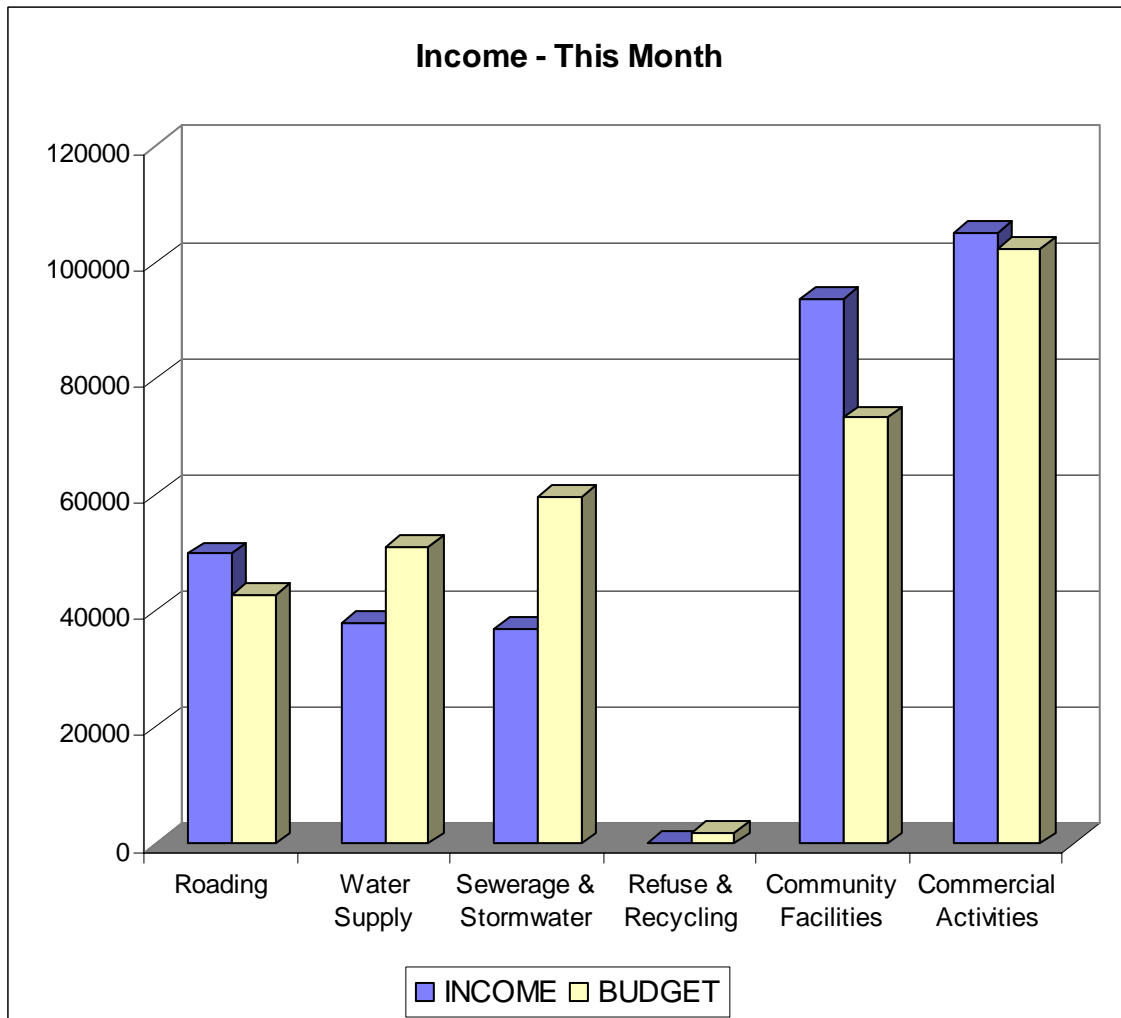
9. Old Beach Road

- i) Old Beach road and the Hapuku Settlement road badly potholed and corrugated needs grading
- ii) South of Factory Road – Existing concrete upstand to be secured to box culvert by drilling in steel rods and placing on new concrete base. **This is still pending**

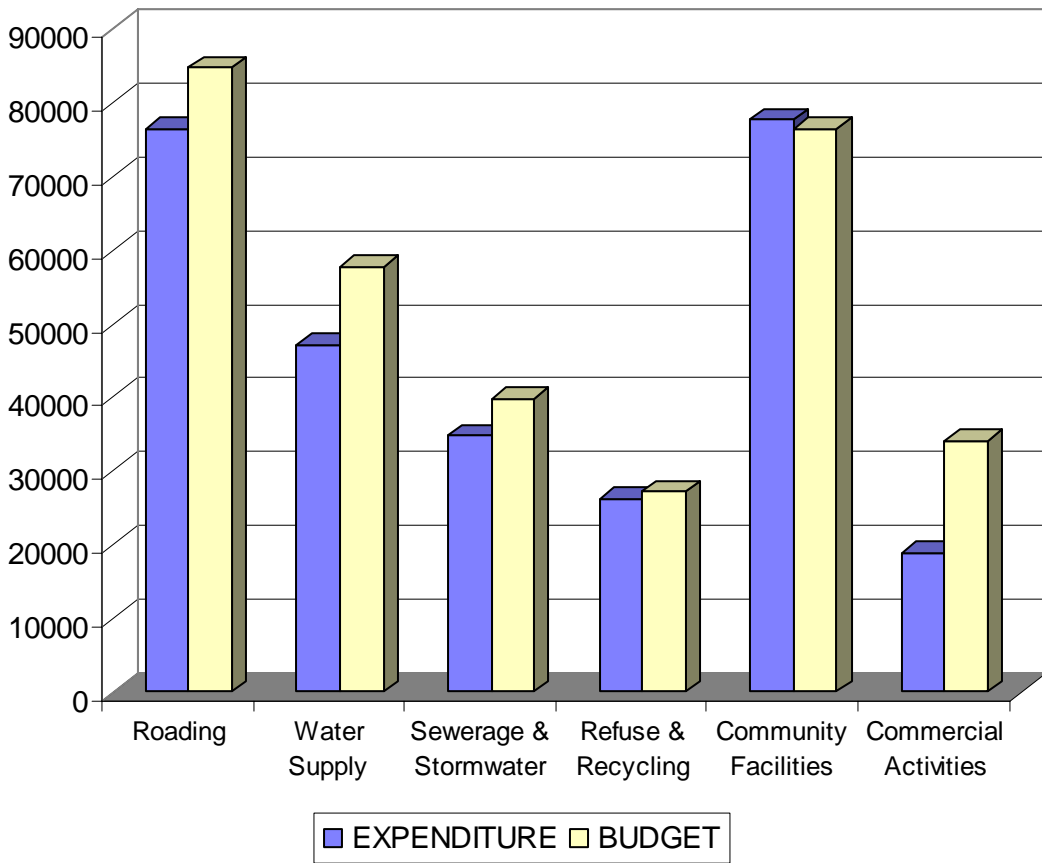
- iii) New edge marker posts to be installed to delineate corner on Factory Road at intersection. Existing Factory Road sign to be relocated as discussed. **Still Pending**

The date of the next road inspection is 10 August 2006.

Works & Services Budget Report



Expenditure - This Month



Report to Works & Services Committee

West End Upgrade

Council has substantially completed the installation of the footbridge from the amphitheatre to the seaward side of Lyell Creek. Some beautification work is yet to be undertaken on the seaward side and this will be progressed over the next couple of months.

The Long Term Council Community Plan states on page 121 that “*Council would continue its commitment to the West End development by indicating that it may raise a loan for up to \$300,000 to complete the town beautification project. If the West End businesses can not agree on a final design then Council may well either discontinue funding improvements or proceed with changes regardless of consensus*”.

The Tourism & Development Committee is keen for Council to progress with upgrading work in the town centre and the question now needs to be asked “where to from here?” .

- Does Council wish to carry on with major upgrading works in the town centre, or
- Does it just want to undertake minor cosmetic works in the foreseeable future, or
- Does it wish to improve the ambiance of the area through improving the streetscape or is it satisfied with what is already there.

A report has been prepared for the Environmental Services Committee on Council adopting an Urban Design Protocol.

Council held a workshop in November 2005 and had a meeting with Daniel Rivers Architect in late November 2005. No consensus was reached as Council seemed reasonably split on how to proceed. As mentioned earlier, a report will be going to Environmental Services Committee on Urban Design Protocol. Should Council agree to be part of that then it would be prudent to form a small working party to revisit the plans in light of the Urban Design Protocol document to ascertain whether it was an appropriate layout. The working party could consist of 2 – 3 elected members, a couple of staff members, and 2 – 3 community members.

While forming a working party would not result in work being undertaken straight away, Council needs to be committed to the implementation of a strategy to achieve an end goal before it starts committing substantial amounts of money.