

**WORKS AND SERVICES COMMITTEE MEETING HELD ON
WEDNESDAY 18 JUNE 2014 AT MEMORIAL HALL SUPPER ROOM,
ESPLANADE, KAIKOURA.**

AGENDA

1. Apologies

2. Matters of Importance to be raised as Urgent Business.

3. Reports:

- **Operations and Maintenance Manager's Report** *page 1*
- **Budget Report** *page 7*

4. Urgent Business

OPERATIONS AND MAINTENANCE MANAGER'S REPORT

1.0 WATER SUPPLY

1.1 Urban Water

Operations – Kaikoura Urban Supply

This facility operated satisfactorily during the reporting month.

Operations – Suburban Supply

This facility operated satisfactorily during the reporting month.

Water Demand

Table 1 below shows the water demand for the reporting month measured from the Mackle's bore while Figure 1 shows the yearly cumulative water demand since 2009.

<i>Water Demand (m³/day)</i>				
	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>Total Demand</i>
<i>July 2013</i>	1157	1826	2626	58,416
<i>August 2013</i>	1710	2001	2668	62,021
<i>September 2013</i>	1380	2272	2668	68,151
<i>October 2013</i>	2093	2607	3426	78,199
<i>November 2013</i>	1585	2332	2976	69,961
<i>December 2013</i>	2633	3149	4064	97,630
<i>January 2014</i>	1928	3002	3667	93,052
<i>February 2014</i>	2712	3339	3968	93,494
<i>March 2014</i>	1534	2510	3671	77,796
<i>April 2014</i>	1436	2609	3723	78,257
<i>May 2014</i>	1316	2639	3874	81,834

Table 1: Water Demand for reporting period

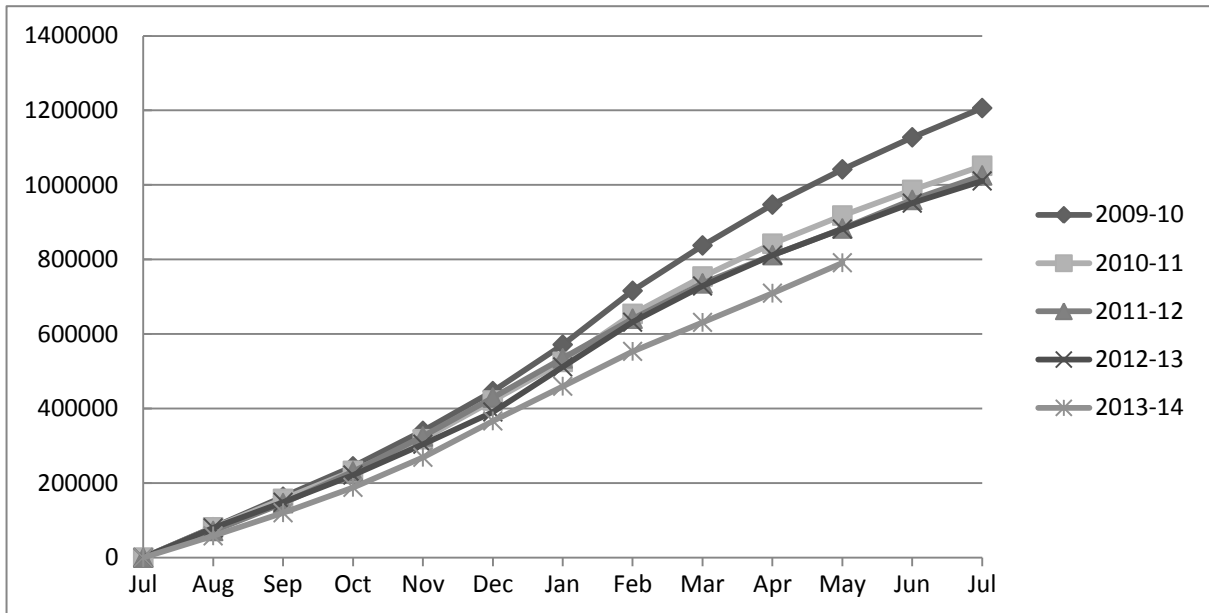


Figure 2: Cumulative Water Demand in cubic metres

1.2 Kincaid Water Supply

The scheme was affected by a blockage at the top of Bay Paddock Road that caused a loss in pressure. The section of pipe under the road was replaced as a result. The opportunity was taken to install a fire hydrant at this location

1.3 Oaro Water Supply

There have been issues with the supply failing to turn on when the reservoir was empty. Parts of the telemetry system have been replaced as a result.

1.4 Fernleigh Water Supply

There were no issues with this system during the reporting month.

2.0 SEWER SYSTEM

There have been issues with the Ludstone Road pump station. The communication system between Lyell Creek and Ludstone Road is to be upgraded.

Sewage flows (m³/day)			
	avg	Max*	Total Flow**
July 2013	967	2012	30,255
August 2013	857	1771	25,723
September 2013	857	2005	25,710
October 2013	1149	2931	34,484
November 2013	733	1093	22,000
December 2013	775	2238	32,928
January 2014	868	1839	32,823
February 2014	957	1139	26,802
March 2014	1095	2357	33,938
April 2014	1642	2516	49,247
May 2014	1004	1927	31,141

Table 3 : Sewage generated for reporting period

*The asterisk figure represents daily flows during heavy rainfall events.

**The double asterisk figure has not been adjusted to reflect inflows from storm-water.

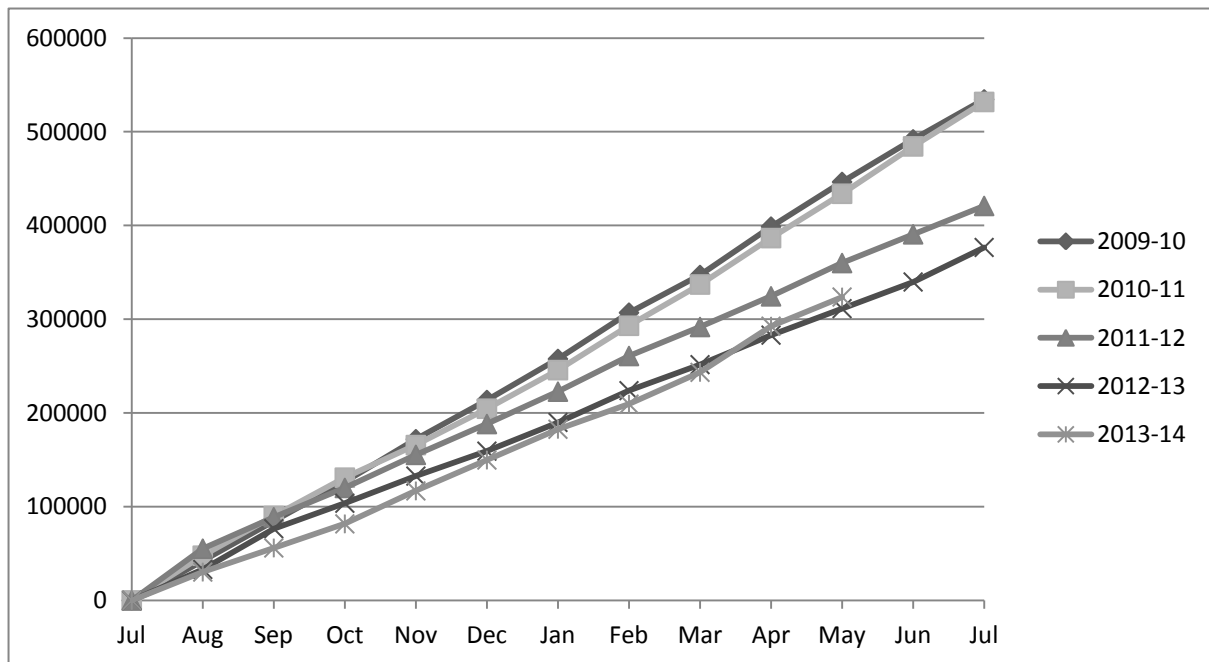


Figure 2: Cumulative Sewerage Discharge from Oxidation Ponds in cubic metres

Anaerobic Pond Desludging

Conhur expects to commence and complete this work in late June.

3.0 STORMWATER

The consent for the Kaikoura Urban Area is still being processed by Environment Canterbury.

The new section of pipe with additional sumps along the council owned access between 120 and 122 Torquay has been installed to remove the flooding risk in this area. The area is yet to be resealed.

4.0 PARKS AND RESERVES

The parks and reserves were satisfactorily maintained during the reporting month.

5.0 BUILDINGS

Significant Work planned for 2014 include:

- Obtain structural assessment on Memorial Hall.

6.0 AIRPORT

No issues have occurred at the Airport.

7.0 PUBLIC TOILETS

From inspections carried out, the toilets were found to be in a fair condition.

Discussions with the Contractor have resulted in the contract not being extended for an additional year as allowed by the contract. The contract is now extended on a month to month basis.

8.0 ROADING

The last section of Puhī Puhī Valley Road that was to be sealed has now been sealed.

Work on repairing the damage caused by the heavy rain on the night of 17-18 April is continuing. The initial repair cost for May was \$84,392. The residual Emergency Work that is eligible for New Zealand Transport Agency (NZTA) subsidy as a result of the event is \$269,719, this is intended to be completed in June.

The remaining work that was identified in the original estimate that would improve the network and alleviate some of the damage from an event of a similar size in the future will be required to be undertaken as part of the normal work programme if progressed.

As identified previously the damage included the following:

- Slips onto the road
- Slips below the road reducing the integrity of the road
- Culverts and water tables blocking and causing water to drain along or across the road
- Scour of inlets and outlet channels
- Scour of inlet and outlet headwalls
- Overtopping of inadequately sized culverts and water tables
- Debris deposited on roads and in water channels
- General scour of roads and bridges

Summary of Flood Damage 17-18 April 2014				
	Original Estimate	Initial response	Programmed	Total
Northern	\$107,700	\$47,112	\$46,708	\$93,820
Inland Road	\$111,115	\$4,867	\$27,184	\$32,051
The Flats	\$95,585	\$5,859	\$16,400	\$22,259
Puhi Puhi	\$153,275	\$16,291	\$20,575	\$36,866
Blue Duck	\$75,730	\$7,045	\$125,010	\$132,055
Remetalling	\$206,587	\$3,218	\$33,842	\$37,060
	\$749,992	\$84,392	\$269,719	\$354,111

As can be seen the estimate for work on the Blue Duck Valley Road has increased significantly. The Council has requested that the works be included in the NZTA Rooding Programme. Once approved this is funded at the higher rate of 56%.

The Council still has to find its local share being \$155,809. At this stage some previously planned work both subsidised and unsubsidised have been placed on hold. These include some kerb and channel, streetlighting and bridging work. At this stage subsidised work placed on hold frees up approximately \$84,000 and unsubsidised work frees up \$26,000 leaving an over-expenditure of \$46,000 as a council share to be carried forward into next year.



Figure 1. Repairs to slip on Blue Duck Valley Road

The following more significant projects were completed in April:

- Initial repairs to reinstate access following flooding

Significant work planned for 2014:

- Further storm damage repairs
- Drainage work on Kekerengu Valley Road
- Replacement of mercury vapour lights in the latter part of 2014
- Kerb and channel on Ramsgate and Margate Streets and the entrance to the Top 10 Holiday Park, this project will now occur in the latter part of 2014.

9.0 FOOTPATHS

Significant work planned for 2014

- New footpath on Deal Street
- Asphalt footpaths on the East side of Churchill Street South of Churchill Park.

Recommendation: That this report be received.

Works and Services Budget Report

