

**WORKS AND SERVICES COMMITTEE MEETING HELD ON
WEDNESDAY 27 APRIL 2016 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 6*

4. Draft Airport Asset Management Plan Report

- **A report will be circulated prior to the meeting.**

5. 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.

The final stage of the water main renewal, streetlighting and reinstatement in South Bay will be completed in early May. Works on private property will commence towards the end of this stage and will be under the direction of Mainpower. Expenditure to date is \$153,000 out of a budget of \$300,000.

Significant Work planned for 2016 includes:

- The further GNS test on Mackles Bore has been taken. Results will be back in the middle of 2016.
- Install flowmeters on Mackles irrigation to comply with new consent conditions

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.

Water Demand (m³/day)				
	Min	Avg	Max	Total Demand
July 2014	1629	2166	2681	67,158
August 2014	1791	2271	2989	70,415
September 2014	1686	2546	3374	76,395
October 2014	1686	2252	3582	88,708
November 2014	2246	3259	4670	97,780
December 2014	2403	3444	4556	106,765
January 2015	3169	4327	5296	134,124
February 2015	3325	4353	5185	121,886
March 2015	2808	3500	4493	108,502
April 2015	2398	3119	4321	93,557
May 2015	1691	2519	3088	78,095
June 2015	1997	2470	3217	74,096
July 2015	1917	2450	3033	73,507
August 2015	1779	2412	3783	74,766
September 2015	1565	2335	3040	70,064
October 2015	2291	2880	3783	89,275
November 2015	2383	3297	4454	98,921
December 2015	2797	3898	5050	120,827
January 2016	2561	3596	4978	107,894
February 2016	3133	4073	4806	118,121
March 2016	2781	3417	4463	105,930

Table 1: Water Demand for reporting period

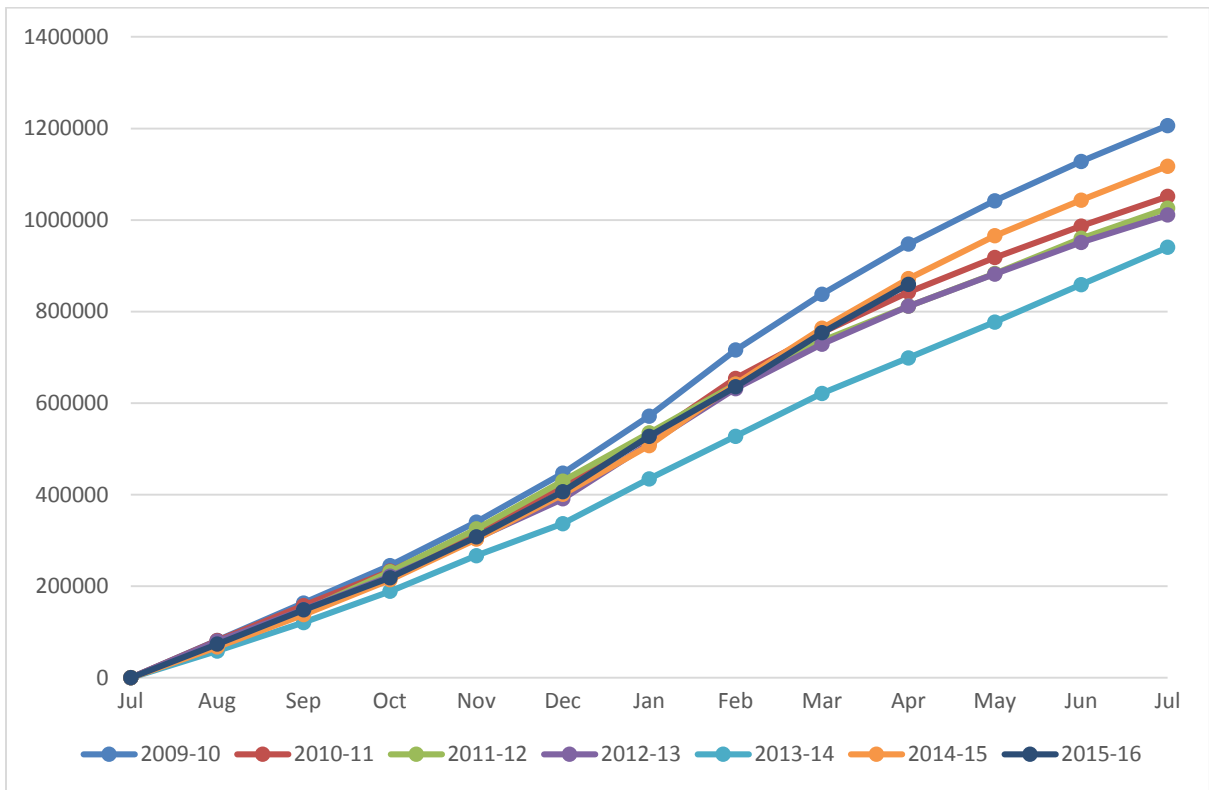


Figure 1: Cumulative Water Demand in cubic metres

The water usage for the month and for the year is similar to the previous year.

1.2 Suburban Water Supply

A transgression occurred on 31st March.

1.3 Kincaid Water Supply

A transgression occurred on 8th March at the Hapuku School, this is likely to be due to their internal reticulation.

1.4 Oaro Water Supply

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

1.5 Fernleigh Water Supply

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

1.6 Ocean Ridge Water Supply

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

1.7 Peketa Water Supply

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

1.8 East Coast Water Supply

A transgression occurred on 31st March.

2.0 SEWER SYSTEM

Sewage flows (m3/day)			
	avg	Max*	Total Flow**
July 2014	857	2500	26,571
August 2014	677	860	20,975
September 2014	668	1233	20,052
October 2014	775	1321	24,025
November 2014	888	1537	26,641
December 2014	986	1266	30,557
January 2015	1029	1318	31,901
February 2015	981	1183	27,478
March 2015	892	1025	27,662
April 2015	945	1284	28,361
May 2015	776	909	24,046
June 2015	764	986	22,934
July 2015	871	1442	26,120
August 2015	784	919	24,307
September 2015	954	2500	28,630
October 2015	738	1116	22,865
November 2015	821	992	24,621
December 2015	953	1240	29,558
January 2016	1114	2020	33,418
February 2016	992	1487	28,769
March 2016	972	1227	30,136

Table 2: 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.

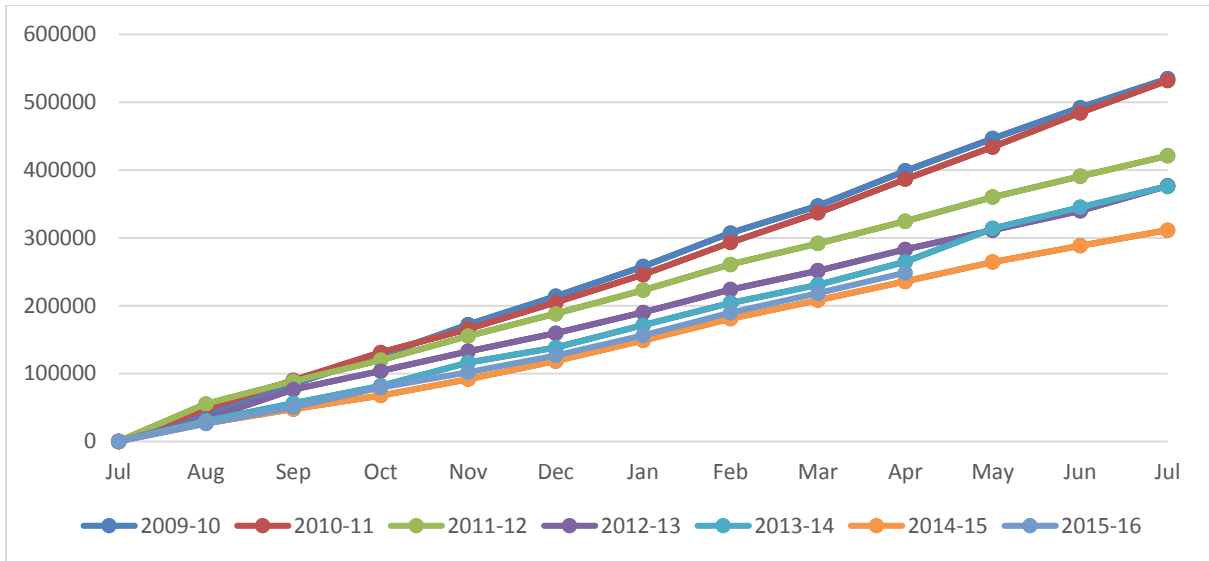


Figure 2: Cumulative Sewerage Discharge from Oxidation Ponds in cubic metres

The lids on the Hawthorne Road pump station are to be rebuilt to improve drainage and the seal to reduce odour.

The fan at the Mill Road pump station is to be replaced.

A new fan and biofilter are likely to be required at Ocean Ridge

One of the aerators at the treatment plant has been reconditioned.

3.0 STORMWATER

The consent for the Kaikoura Urban Area is still being processed by Environment Canterbury. The proposed conditions have yet to be commented on.

4.0 PARKS AND RESERVES

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

5.0 BUILDINGS

Significant Work planned for 2016 include:

- Replacement of existing main lights.

The work on Unit 11 at the pensioner cottages has been completed.

Sewer pipes to connect the new Civic building will be placed in early May.

6.0 AIRPORT

The levelled area has been mown and is still to be grassed.

7.0 SWIMMING POOL

Work on bringing the fencing in line with the swimming pools act has largely been completed.

8.0 PUBLIC TOILETS

There were no issues with the toilets during the reporting month.

The Gooches Beach toilets have been overhauled with repairs to the water pipes, sewerage, showers and new painting.

9.0 ROADING

The kerb and channel on Ramsgate and Torquay Streets has been poured and reinstatement has commenced. Margate Street will be poured at the end of April. A section of new kerb and channel in front of the Civic building to accommodate the steps has been designed and will be constructed this financial year.

Minor maintenance works have occurred on roads. HEB Contracting has issued work for repairs to sealed roads and for grading of roads on the flats and off the Inland Road.

Work on the programme is being issued to contractors and completed accordingly.

10.0 FOOTPATHS

There were no issues with the footpaths during the reporting month. Prices have been requested for the renewal projects on footpaths.

Recommendation: That this report be received.

Prepared by	Gerry Essenberg, Operations and Maintenance Manager
Authorised by	Angela Oosthuizen, Chief Executive Officer

Works & Services Budget Report

