

**WORKS AND SERVICES COMMITTEE MEETING HELD ON
WEDNESDAY 18 NOVEMBER 2015 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. Minutes Action and Issues List Update

MEETING	ACTION REQUIRED	BY	ACTION
Works & Services	Arrange for a representative of NZTA to meet with Council regarding further plans for State Highway 1 through Kaikoura.	Operations Manager	In progress
Works & Services	Include a report on incorporating a cycle lane on the footpath on Beach Road in the footpath report.	Operations Manager	In progress

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 upgrade of the SCADA system has progressed, new software has been installed. It is anticipated that this will be completed with the relocation into the new building.

The consent for allowing irrigation from the Waimangarara Intake is with Environment Canterbury.

Work on South Bay Parade has started. The budget was not carried over from last year however the loan facility of \$170,000 is available. The rate of progress and therefore the project cost is determined by archaeological finds. The materials for the entire project apart from some pipe have been purchased and formed approximately 20% of the project. The budget allows for seven weeks of work on the water supply. Some additional work is able to be undertaken within the streetlighting budget.

Before Christmas it is anticipated that work on South Bay Parade will be completed apart from the removal of overhead lines from the start of properties on the sea side to Weka Road.

An additional authority to complete works inside properties has been found to be required.

Significant Work planned for 2015 includes:

- The further GNS test on Mackles Bore is still to occur.

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>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
<i>June 2014</i>	2072	2710	3403	81,305
<i>July 2014</i>	1629	2166	2681	67,158
<i>August 2014</i>	1791	2271	2989	70,415
<i>September 2014</i>	1686	2546	3374	76,395
<i>October 2014</i>	1686	2252	3582	88,708
<i>November 2014</i>	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

Table 1: Water Demand for reporting period

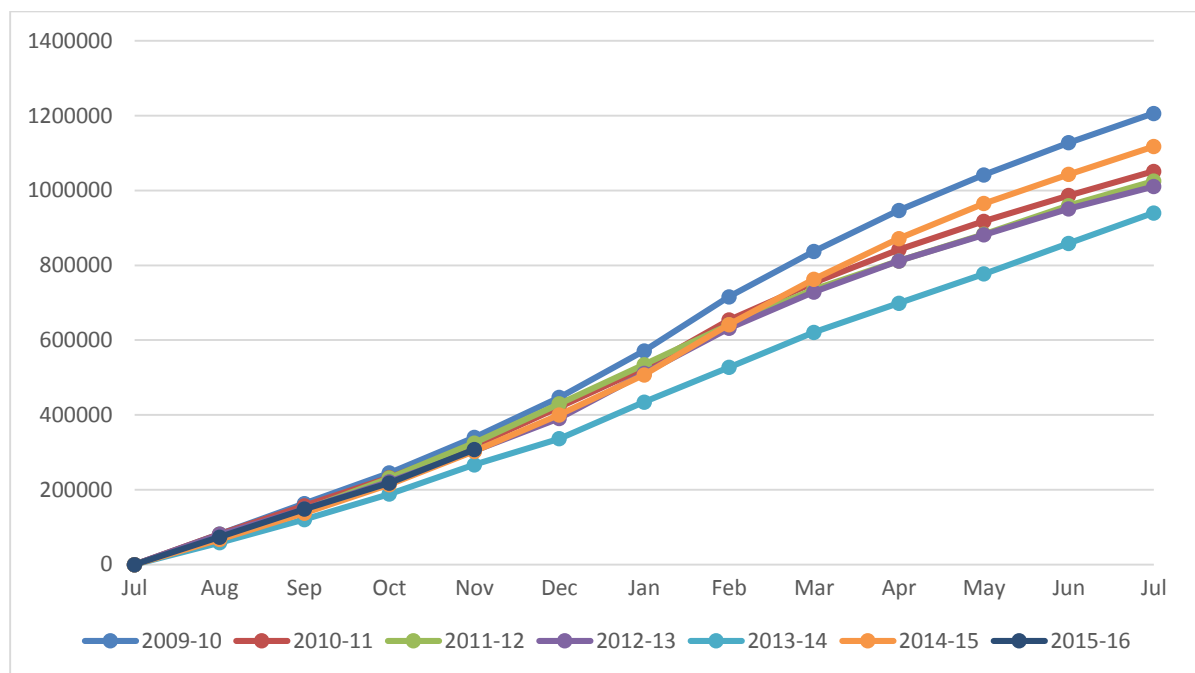


Figure 2: Cumulative Water Demand in cubic metres

The water usage for the month was similar to last year.

1.2 Suburban Water Supply

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

1.3 Kincaid Water Supply

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

1.4 Oaro Water Supply

There were no issues with this system during the reporting month. The riser from the bore is still to be replaced with stainless steel.

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

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

2.0 SEWER SYSTEM

<i>Sewage flows (m3/day)</i>			
	<i>avg</i>	<i>Max*</i>	<i>Total Flow**</i>
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
June 2014	1028	2500	30,830
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

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.

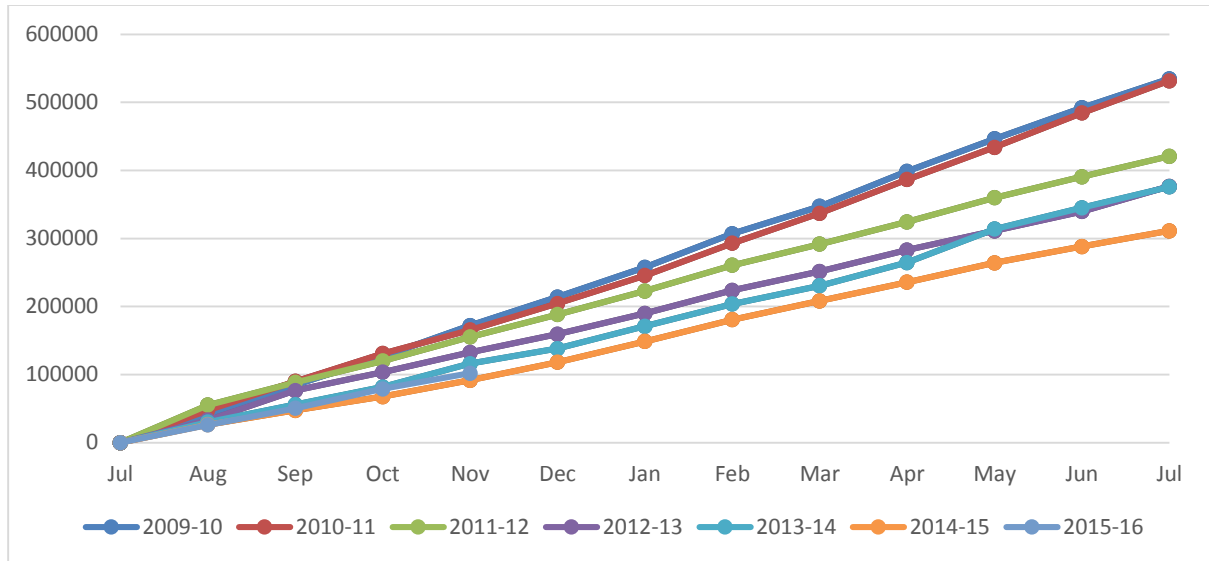


Figure 2: Cumulative Sewerage Discharge from Oxidation Ponds in cubic metres

Lid seals on Hawthorne Road are still to be completed, if this is successful the fan will not require replacement.

More odours have been reported at Gillings Lane.

The new sewer pipe to the Caves Restaurant to link to Ocean Ridge is being installed.

3.0 STORMWATER

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

4.0 PARKS AND RESERVES

The parks and reserves were maintained during the reporting month however the interval between mowing on the Takahanga Domain has been queried as the length of grass is outside expectations.

5.0 BUILDINGS

Significant Work planned for 2015 include:

- Replacement of existing light bulbs and miscellaneous fittings.

6.0 AIRPORT

The levelled area is still to be sprayed prior to grassing.

7.0 SWIMMING POOL

A substantial leak was identified that accounts for the majority of the water lost in the pool. This leak was in the return pipe that fed water back into the pool after it was chlorinated.

The step down into the pool complex from the road has been replaced with a dish channel. In the process of completing this work the problem of sewerage blockages to the Gooches Beach toilets was identified and the pipe to these and the pool toilets is now being re-laid from the main on

the Esplanade. Some re-plumbing of the toilets and showers may be required to get fall out to the sewer. The opportunity to underground the power and telecommunication into the pool is being taken when the sewer is re-laid across the Esplanade.

The discharge of potentially contaminated water from the backwash system and from the learner's pool is being redirected into the sewer system and this should improve the water quality.

The new diesel tank for the pool heating system is now being bought inside the existing shed.

A new sign is being ordered.

Some work will occur to tidy up the old shop building and storage.

The regrouting of joints within the pool should not be required.

Some minor works on the roofing of the buildings and on the buildings themselves is still to occur. The cost of works to this point is approximately \$55,000. The budget for works on the pool for 2015/16 is \$200,000.

Other significant improvements to the pool have been identified that are not immediate renewal or maintenance requirements however they would enhance the operation and attractiveness of the pool.

An approximate priority order would be as follows:

- A new wall and fence between the Esplanade and the pool to replace the existing fence and barbed wire. This would include enclosing the grassed area and also have a fence that separated this area from the pool to swimming pool standards.
- New seating
- Upgrade shade for learners pool
- Replacement of the learner's pool (7x4m) and a fence to separate this from the main pool.
- Intermediate pool (12 x6m)

Next season new covers will be required.

Recommendation: That further works be deferred to 2016/17.

8.0 PUBLIC TOILETS

West End toilets are no longer required to have the urinals reconnected as a different cleaning product appears to be solving the problem.

9.0 ROADING

Significant work planned for 2015:

- Kerb and Channel on Margate, Ramsgate and Torquay.

Minor maintenance works have occurred on roads.

10.0 FOOTPATHS

Significant work to be completed:

- Footpath programme and policy to be developed.

Recommendation: That this report be received.

Author: Operations and Maintenance Manager

Endorsed by the Chief Executive Officer

Works and Services Budget Report

