

Wanaka Community Board
22 April 2014

Report for Agenda Item 2

Department:

Infrastructure and Assets

2. Infrastructure and Assets Monitoring Report

Purpose

- 1 To inform the Board on current Infrastructure and Assets activities and projects being undertaken in the Wanaka Ward area.

Recommendation

- 2 *That the Wanaka Community Board:*
 - a. **Note** the report.

Prepared by:



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16/04/2014

Reviewed and Authorised by:



Erik Barnes

16/04/2014

Comment

Roading and Streetlights

- 1 Project Update
 - a Construction of the final two build outs of the Ardmore Street improvements project has been completed; final remedial items are being resolved.
 - b The geotechnical report into the slump on Aspiring Terrace has been completed. This has identified up to 150mm slope displacement in a 1 in 500 annual probability earthquake event. Any movement is unlikely to be rapid.
 - c Cemetery Road gravel path (Grandview to Muir Road) has been completed.

- d Lighting for the Operations department (Parks and Reserves) is being investigated on lower Bullock Creek.
- e Traffic island/pedestrian crossing designs for Aubrey Road and Rata Street, Aubrey Road and Kings Drive/Holy Family entrance, and Kings Drive and Plantation have been received and discussed with the Board members at a site visit.
- f Prices are being sought for a sealed school bus stop at the intersection of Stone Street and Cardrona Valley Road with a new bus shelter or relocated shelter (from the intersection of Studholme Road and Cardrona Valley Road).
- g Prices are being sought for a sealed school bus stop (no shelter) on Aubrey Road west of the Gunn Road roundabout.

2 Programme

- a Minor works planned for April:
 - i Gin and Raspberry Lane, surface cracking. Two coat chip seal, 108m²
 - ii Pringles Creek Road, surface cracking. Two coat chip seal, 92 m²
 - iii Noema Terrace, Low Shoulder and Surface Cracking. Metal infill, 10m and two coat chip seal, 52m²
 - iv Golf Course Road soak pit on Ballantyne, Golf Course Rd corner.
- b The unsealed road metalling programme is planned to commence in late April. It includes:
 - i Eely Point Access Road
 - ii sections of Gladstone Road
 - iii Loess Lane
 - iv McCarthy Road
 - v a section of Ballantyne Road
 - vi Wanaka-Mount Aspiring Road, gravel extraction for remetalling next year (as budget allows).

3 Operations and maintenance

a Wanaka Roding RFS table

	2013										2014		
	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Number of RFS	5	15	8	19	29	11	12	26	27	15	36	13	12

b Wanaka Streetlight RFS table

	2013										2014		
	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Number of RFS	8	13	13	14	7	11	5	3	5	4	10	7	2

4 Transport Budget Overview

a Actuals till the end of February

Roading	Full Yr Budget	Full Yr Reviewed Budget	Actuals YTD	Comment
Capital Works	\$ 4,523,911	\$ 3,995,307	\$ 2,948,929	on track
Operations	\$ 2,636,512	\$ 2,304,462	\$ 1,459,330	on track

Three Waters

5 Project Update

- a Wanaka Water reticulation renewals have been tendered.
- b Heaton Park pump two project is completed.
- c Project Pure Critical Spares purchasing has been completed.

6 Programme items of note:

- a Beacon Point pump four, purchase and installation is now underway with materials being procured and electrical fit out underway prior to pump installation in late April/May.
- b Bremner Park Road Storm water Upgrade is currently in detailed design.
- c Plantation Reservoirs control works as part of the Roys Bay Decommissioning is in detailed design.
- d Stone Street water pump station has been removed from the capital works programme (\$225k).
- e Hawea Water Upgrades is currently in detailed design and due for construction in September 2014 with completion in the next financial year (\$1.1m).
- f Water Main Extension SH84 Anderson Road to 3 Parks Detailed design is underway (\$25k). The construction of the main is development dependent and can be deferred until required.

7 Three Waters Budget Overview

a Actuals till the end of February

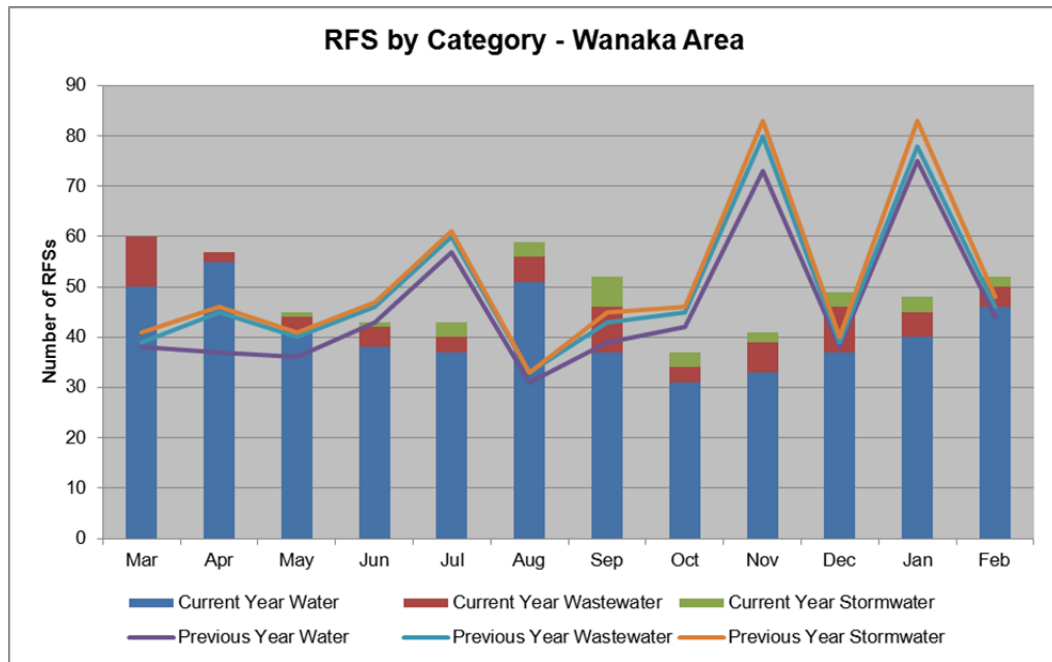
Three Waters	Full Yr Budget	Full Yr Reviewed Budget	Actuals YTD	Comment
Capital Works	\$3,638,553	\$ 3,086,643	\$ 580,837	On track, see notes above for changes to the programmed expenditure.
Operations	\$2,929,163	\$ 2,629,103	\$1,852,492	on track

8 Events

- a A new soft starter was installed in the pump control cabinet for bore pump 2 at the Luggate Bores in February following the installation of a new bore pump motor in January. This new unit replaces the old module that was in need of renewal. The new soft starter will provide added motor protection functionality for pump 2 and future proofs this site with electrical, SCADA and control work all up to suitable standard.
- b Albert Town – Hawea #2 wastewater pump station pumps. Pump 2 failed after a short circuit fault in January. Pump investigation found nothing at fault with the pump and further investigation identified componentry fault which has now been repaired.
- c Hawea Water continues to be chlorinated as a temporary preventative measure against contamination. Investigations have found operation of two pumps through the high demand of summer overwhelms the UV treatment. Chlorination will be reassessed when the summer demand drops, this is weather dependent.

9 Operations

In February 2014 there were 52 requests for service (RFS) in the Wanaka Ward. The graph below indicates a similar number of RFSs received when comparing February 2014 to February 2013.



a

10 Compliance

- a Hawea wastewater treatment plant effluent quality. To reduce the total nitrogen and ammonia nitrogen results in January all the aerators have been set to operate continuously (apart from when the irrigation is operating). The results have slightly improved for January and February, although the resource consent conditions continue to be exceeded. We expect to see the results continue to improve, although further remedial action will probably be required. Alternative solutions to address the nitrogen problem are being priced.
- b There were no reports of wastewater overflows in the Wanaka Ward in February.

Solid Waste

11 Work In Progress

- a Hawea recycling drop off, Domain Road. The alterations and additions to the existing structure are being priced. The extent of works will be tailored to the modest budget available.
- b Transfer Station diversion to recycling project. The concept design is underway with further consultation with All Waste and Wastebusters planned for the near future.
- c Project Groundswell (Sludge solar drying facility) is progressing. Fulton Hogan has lodged the resource consent with ORC and QLDC for the drying facility. Public submissions are open until 29 April 2014.

12 Operations

a 430 tonnes was received at the Wanaka transfer station in March. This is an increase compared to the same period in 2013 and 2012. This is likely as a result of an increase in building and development consents.

b Wanaka Waste to Landfill

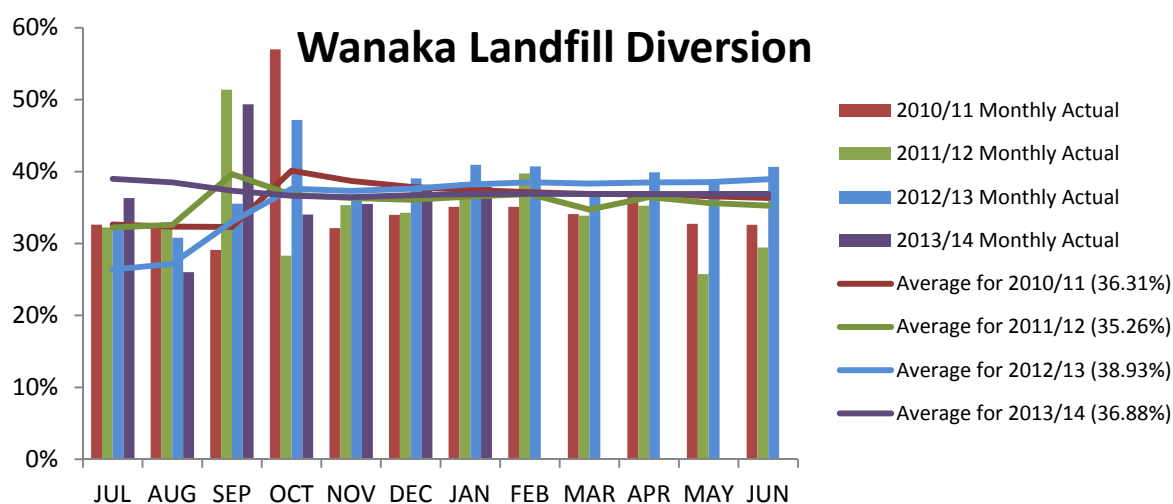
Waste to Landfill, tonnes	Mar 2014	Mar 2013	Mar 2012
Transfer station	430.58	390.02	378.24
Road side collection	117.18	100.94	101.79
After hours bin	11.92	10.28	9.35
Average vehicles/day	26	24	22

c Number of RFS, Wanaka recycling table.

	2013										2014		
	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Number of RFS	19	7	19	13	28	17	20	26	27	29	64	32	17

d Number of RFS, Wanaka Refuse table

	2013										2014		
	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Number of RFS	5	1	3	1	2	5	5	8	8	1	10	5	3



13 Budgets

a Actuals till the end of February.

Solid Waste	Full Yr Budget	Full Yr Reviewed Budget	Actuals YTD	Comment
Capital Works	\$ 26,780	\$ 5,000	\$ 1,067	On track (waste diversion project)
Operations	\$ 1,420,541	\$ 1,414,431	\$ 942,954	On track

14 Health and Safety

- a No lost time injury or lost hours worked due to injury in February.
- b One health and safety issue was raised within the roading contract where a Sweeper/Sucker truck had a few minor scrapes/scratches.
- c Between 1 January and 31 March 2014, the Wanaka police have reported to Council 4 non-injury crashes and 1 minor injury crash. The injury crash was on Wanaka-Mount Aspiring Road, west of Ruby Island Road where a local driver was distracted, left the road, and rolled twice.

Financial Implications

15 All projects are part of the approved annual plan or LTP.

Local Government Act 2002 Purpose Provisions

16 This report relates to core network infrastructure services and therefore for relates to the infrastructure activity delivered under both quality and economic provisions of the Local Government Act purpose provisions (ss10, 11, 11A).

17 The Local Government Act purpose provisions summarised as:

- Activity (local democracy, infrastructure, local public services or performance of regulatory functions);
- Quality (efficient, effective and appropriate to present and future circumstances); and, or
- Economic (most cost-effective for households and businesses).