



Reserves Walkways Maintenance
Contract: TC1/14

Tauranga City Council

Monthly Report

November 2015

Contents

- 1. Monthly overview3**
- 2. Business reporting measures.....7**
 - 2.1 Recreational Services operational audits7
 - 2.2 Tauranga City Council operational audits.....7
 - 2.3 YTD audit summary8
 - 2.4 CCM Incident Statistics9
 - 2.5 Walkway Counter Readings.....9
- 3. Service delivery10**
 - 3.1 Weather.....10
- 4. Red flags11**
- 5. Customer feedback12**
- 6. Value adds13**
- 7. Health and safety14**
 - 7.1 Accident Register14
 - 7.2 Total recordable injury frequency rate (Sports & Tracks combined)14
 - 7.3 Health and safety audits.....14
- 8. Appendix 1 – Internal Audits15**
- 9. Appendix 2 – Menzit List16**



1. Monthly overview

Another busy month on all facets of the contract with the maintenance side as well as the unscheduled, all having a lot going on. Growing conditions for flaxes and shrubs as well as grass and weeds, have been rampant at times, particularly when rain has fallen. Not only does this mean pruning, flax cutting and grass cutting need doing, but there is then the second round of spraying through Spring and early Summer of the tracks to factor in before Christmas. What is going to help with this is the massive efficiencies that have come with Recreational Services new boom spray unit on the back of the Gator. This now means the team can get through the spraying of the tracks network in half the time it used to take them. The team also believe they are using less chemical through the boom sprayer unit as each nozzle has a solenoid on it which means the operator only has to turn on the nozzles he needs to for targeted weed spraying. The nozzles also have less water volume being applied than the previous hand gun used, so less product is applied for the same result. RS will look to try and quantify this over the Summer to show Council it has become a more environmentally friendly way of applying chemical. With this in mind, the Organic weed free trial has continued running through November. Unfortunately for the amount of applications required and to still not achieve a 100% kill, it really doesn't look like a viable option for the future. RS was hopeful the trial could be wrapped up before Christmas and submit a report based on the past two months of applications to Council with recommendations. Council had already committed though to the whole Summer to trial the product so RS will continue to provide photos and evidence of the results over the following months.

The Unscheduled team have continued to roll from one job to the next, with a variety of work being carried out. One last effort was made to finish off re-surfacing large sections of track around the Takitimu Drive area. A large section of track is now complete, from Elizabeth Street down towards Waihi Road with an average depth of 75mm being applied to bring the track up to at least level with its surroundings (see photo below). A new track has also been installed on the other side of Takitimu Drive, at Glasgow Street. This was a grass link through a reserve but now has an aggregate track in place to join the track going one way to Graham Park and the other way to Elizabeth Street. The section of track from Glasgow to Elizabeth Street had a major prune and some shrub removal due to the amount of vegetation overhanging and growth right next to the track surface. It is now looking much better and more open which meant rubbish build up within it could be removed, this included a couple of old bikes and random bits of scrap metal. The Graham Park section of track has also been completed and came up well, with rainfall after the job to settle the new surface.





A new section of track and bollards has been installed from the Judea Rugby Club into the Waikarao West network (see photo below). This is an addition to the contract so will require a variation for ongoing maintenance. The second part of this job was working on the bottom section of track at Novella Place. Water run-off was creating a lot of scouring and also eating out the waterway embankment. The second photo below shows the worst area for erosion, now having a drain in place and a piece of edging to help stabilise it. There is also another drain back from this photo to catch water running down the Novella Place track which can then divert it straight into the waterway. This diversion will hopefully stop further surface scouring.





The start of the Orahuine and Waikerere tracks have had constant scouring issues in the surface so the RS team have filled them in with aggregate and cement dust to hopefully give more stability (see photos below). The Orahuine track also had a speed bump installed at the top of this steep area to divert water to the inside culvert channel. RS will monitor these areas to see if this removes the constant issues that have been had. The Waikerere track will also need a grated lid drain installed at the bottom of the steps above this issue just repaired, over the Summer to take some of the water run-off away from the track.



The Toot removal along the edges of the 4-wheel drive track is now complete. This took two days with three staff to cut, chip and swab the stumps (see photo below). The team also went into the bush to find more of this weed growing further back. Some large shrub sized plants were removed. Hopefully this thorough work will have taken out the majority of this weed problem but the way it has spread through such a large area, there will no doubt be small amounts to treat in the near future.





Mauao has also had extra weed eating works carried out with grass on the Shelley Beach side cut where there is an unmaintained track, and the Mount main beach side has had a patch done, along with pruning tree branches overhanging the boardwalk that leads into the start of the base track.

The Geo grid has been installed at York Park right next to the set of stairs at the start of the track (see photo of installation to the right). This will help with erosion and bike riders wanting to come down this piece of track. Just below this section is a little bridge which is unstable and losing material down the side of it. This needs to be looked at in the near future to strengthen and stabilise it.



The Beachwaters bridges have had problem areas again on the edges where the aggregate meets the bridge. They weren't designed and built very well, with a lack of backing boards to stabilise the aggregate. There also wasn't any Geo cloth present to keep the aggregate from falling through here. The edges to the bridge have now been dug out and cloth has been installed, but further backing boards may still be required in the future as well.

Smaller odd jobs have been grip tread applied to a boardwalk at McLarens Falls and some tracks at K Valley that are not on contract were sprayed with Round Up. A second application with Versatill is required though for Clover and will also be sprayed a metre out into each side of the surrounds to stop it spreading back in quickly. There are also certain tracks in the contract that will need this treatment for the same reasons.

RS tracks maintenance staff continue to put through good ideas for improvements with recent ideas being a track extension at Yatton Park to join the concrete footpath to the start of the loop track stairs and also Royal Palm Beach needing tracks installed to replace the man made dirt tracks currently (see photo below)



Works programmed for December are at Faulkner Park and the many building jobs required there, Waioraka retaining wall work where the tree came down and the many fencing and gate work jobs required at Mauao. The condition grade survey will also be started with the aim to have it finished by mid-January and submitted to Council.



2. Business reporting measures

2.1 Recreational Services operational audits

	Target	Mt Drury	Mauao Base Track	Esk Street Walkway	McLaren Falls Park (Lakeside)	Taipari St Reserve	Golden Sands	Total Average
Parks Totals								
Audited by		s 7(2)(f)(ii) - Protection of pu		s 6 - Maintenance of law		s 7(2)(f)(ii) - P		
Dates audited		11-Nov		13-Nov		18-Nov		
Vegetation Maintenance	96		100	94	100	100	100	99
Drainage	96	100	100	94	100	100	100	99
General/Boardwalks	96		100	100	100	100	94	99
Pavement Surface	96	100	94	94	100	100	94	97
Total	96	100	98.3	95.3	100.0	100.0	96.9	98.4

2.2 Tauranga City Council operational audits

	Target	Matua Saltmarsh	Belvedere to St Andrews	Millbrook, Orange Lane to Beaumaris	Bethlehem Wetlands	Scantlebury Street	Churchill Park	Mauao Waikorere Track	Total Average
Parks Totals									
Audited by		s 7(2)(f)(ii) - Protection of public official							
Dates audited		5-Nov		7-Nov		12-Nov	24-Nov	27-Nov	
Vegetation Maintenance	96	100			100	100	100	100	100
Drainage	96	100	94	100	100	88	100	94	97
General/Boardwalks	96	100	100	100	100	100	100	100	100
Pavement Surface	96	100	100	100	100	100	88	100	98
Total	96	100.0	97.2	100.0	100.0	97.7	94.4	98.3	98.6



2.3 YTD audit summary

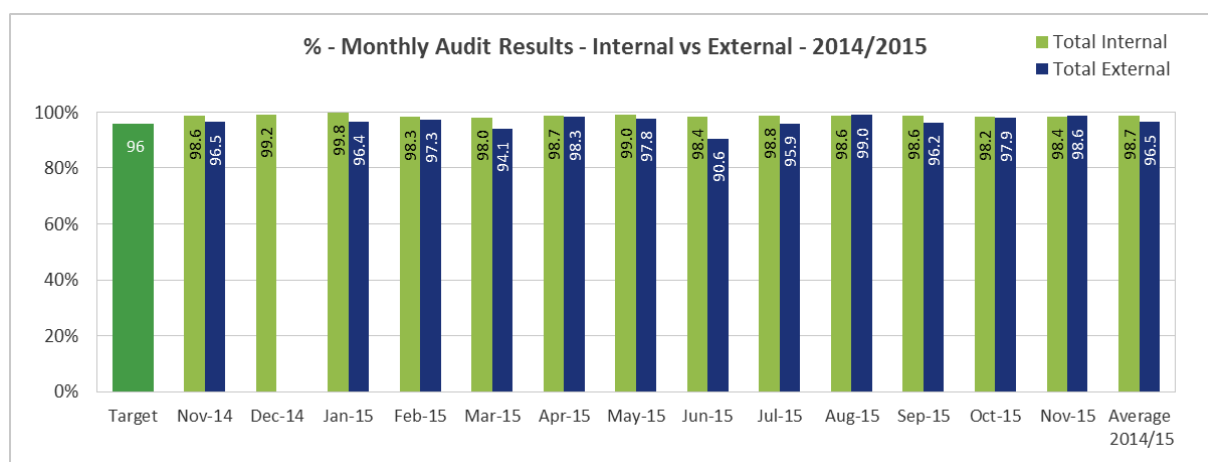
2.3.1 Internal audit summary

	Target	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Average 2014/15
Vegetation Maintenance	96	99	99	100	98	97	100	100	100	100	100	100	99	99	99
Drainage	96	98	99	99	99	98	97	99	98	98	97	99	98	99	98
General/Boardwalks	96	99	100	100	100	100	99	100	93	99	100	99	99	99	99
Pavement Surface	96	99	99	100	98	98	99	97	100	98	97	96	97	97	98
Total Internal	96	98.6	99.2	99.8	98.3	98.0	98.7	99.0	98.4	98.8	98.6	98.6	98.2	98.4	98.7

2.3.2 External audit summary

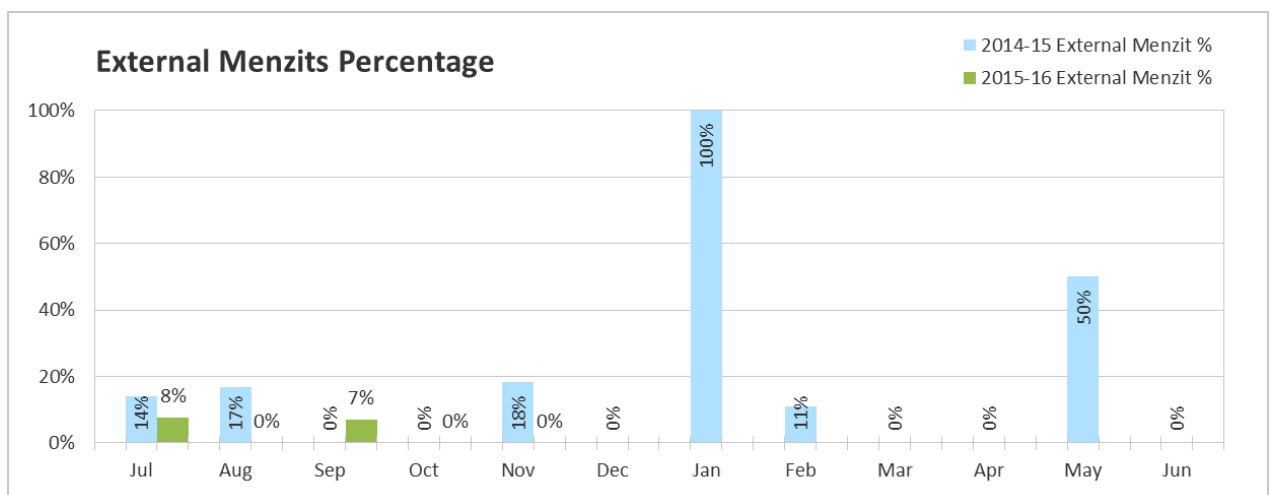
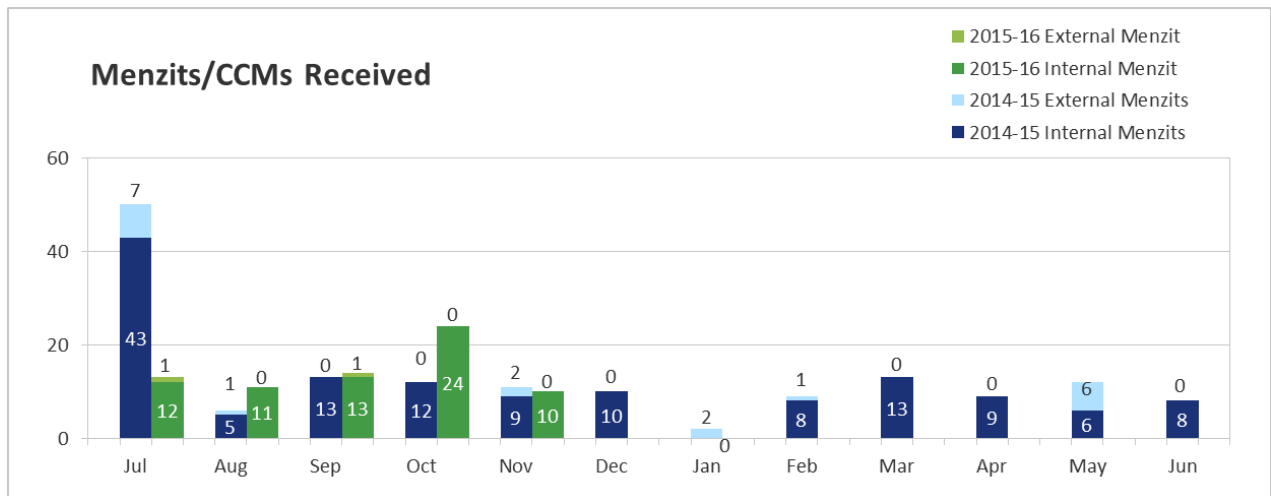
	Target	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Average 2014/15
Vegetation Maintenance	96	94		91	95	91	96	98	97	100	100	99	100	100	97
Drainage	96	94		100	100	94	98	96	81	89	98	90	99	97	95
General/Boardwalks	96	94		100	97	93	100	97	100	96	100	98	96	100	98
Pavement Surface	96	100		96	99	98	100	100	83	98	98	95	96	98	96
Total External	96	96.5		96.4	97.3	94.1	98.3	97.8	90.6	95.9	99.0	96.2	97.9	98.6	96.5

2.3.3 Monthly audit summary

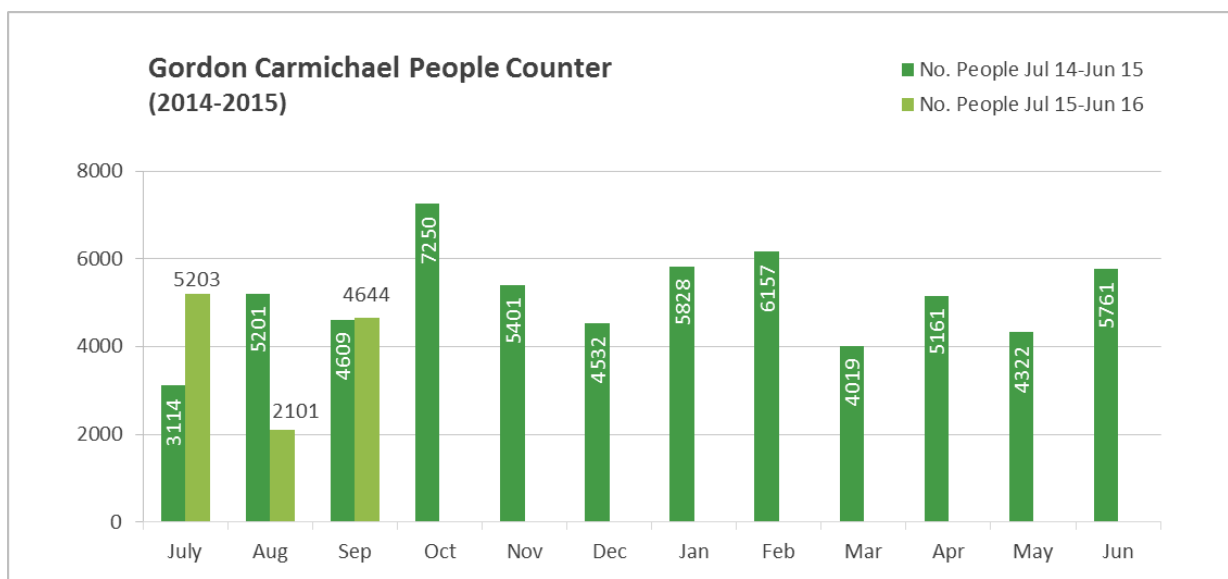




2.4 CCM Incident Statistics



2.5 Walkway Counter Readings



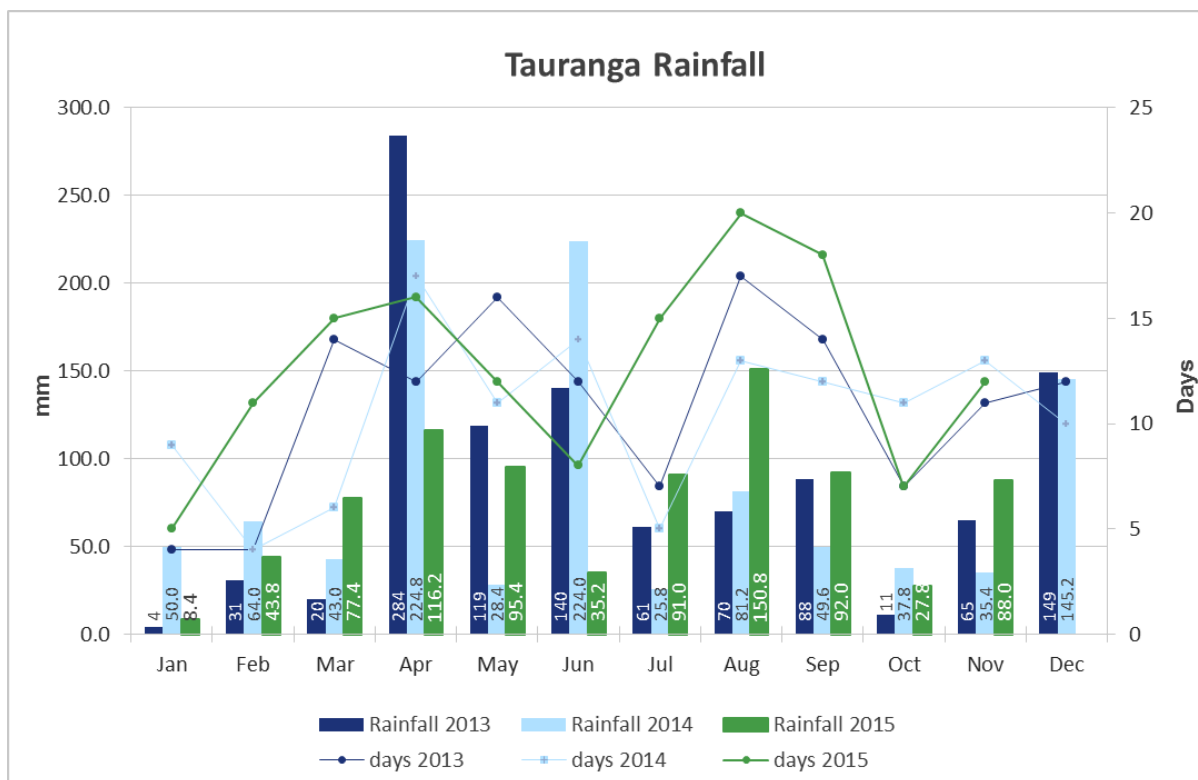
The Walkway counter is currently not working. Council have been advised.



3. Service delivery

3.1 Weather

The rainfall figures for November were 88mm over 12 days, compared to 35.4mm over 13 days at the same time last year.





4. Red flags

- K Valley boardwalks need signage to warn the public of slippery conditions, particularly on frosty mornings. Grip tread potentially needs applying.
- Cambridge Park has large rocks now exposed from recent reach mowing.
- Darraghs Road, branches cut by neighbour have been thrown onto Council land.
- Judea Bamboo growth needing cutting back and pasting.
- Belvedere, start of track not on contract and causing water gouging issues.
- York Park bridge losing material down the edges and needing strengthening work in the near future.



5. Customer feedback

No feedback was received this month.



6. Value adds

MONTH	LOCATION	DESCRIPTION OF WORKS	VALUE	TOTAL
s 7(2)(b)(i) - Commercial position				



7. Health and safety

7.1 Accident Register

Nothing to report.

7.2 Total recordable injury frequency rate (Sports & Tracks combined)

NO. OF INJURIES	TOTAL EMPLOYEE HOURS WORKED	TRIFR
0	1376	0.00

It has been identified that the monthly hours worked used for calculating the Total recordable injury frequency rate (TRIFR) have been incorrectly stated. This month's figures are correct. In order to correct this, a table will be provided that will contain the correct TRIFR's from July 2015 until the end of October 2015. This will be included in the next monthly report.

7.3 Health and safety audits

DATE	PERSONNEL	PLANT	RESULT	ISSUE	ACTION TAKEN
22/11/15	s 6 - Maintenance of law	V1333	100%	N/A	N/A



8. Appendix 1 – Internal Audits



9. Appendix 2 – Menzit List
