



Contract: TC1/14
Reserves Walkways Maintenance
Tauranga City Council

Monthly Report
March 2017



Recreational Services
YOUR PARKS AND GREEN SPACES SPECIALISTS

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1. Overview

March has been a month heavily dictated by the weather as periods of fine and warm conditions have given way to spells of downpours and stormy weather. This has seen a lot of damage to the tracks network from falling trees and branches which has required RS to cut up and remove what we could. The many photos below show some of the damage that RS encountered. Some of the very big trees that were brought down, like at Johnson Reserve, needed the arborists so were called through to Council to action.





Another part of the damage that came with the stormy weather was a number of slips that required cleaning up. The photos below of Tom Muir, McLaren's Falls Totara/Rimu track and the Mauao base track were all examples of this with scouring also being evident in some places, with one of the photos below showing Ohauti being raked back level. This will be an ongoing maintenance job over the Winter with heavy spells of rainfall more likely. Where the same areas are having to be repaired from gouging RS will look to install drainage to remove the problem in the future.



The Orauhine track was closed during the middle of the month, due to unstable and falling rocks. RS staff were also used to close the base track while a couple of large boulders were dislodged and allowed to fall down. Despite the odd frustrated person the team managed to keep the public away from danger without too many issues.



Despite the crazy weather and extensive damage, RS did find time to get stuck into spraying with many areas having rapid grass and weed establishment along with weedeating and shrub pruning within the passage. The metal blade has been getting good use of late over nylon as it has the ability to cut through thicker woody weeds and in doing so give an even cut (see photo below of Elmes). The second photo shows the boundary line at Beach Road being cut back to regain the width of the track.



With K Valley having some very big variations coming on contract in April, RS has been spending time bringing them up to specification with spraying and reach mowing carried out (see photo below). The reach mower has worked really well in being able to see whats in the ground and allow our ride on mowers to get in and start maintaining. The reach mower did have problems with old fencing wire and timber being hidden within the long grass which did slow the job down to avoid damage to the reach arm head. Further work is required with the reach mower on the Marshall Ave side of K Valley where the flat section of track needs the sides cut down. Unfortunately when it was booked in to do this, the whole section was under water. This is one of the problems with the Valley, as can be seen in the second photo, where the track is flooded on the Toll road side. Ideally any tracks that are going to be resurfaced really need building up by a good 500mm to keep them high enough from flooding issues and allow them to stay in use particularly through Winter. RS has also had issues completing all of the K Valley variation work as some of the dead end/service tracks are very overgrown and hard to follow where the track should be. A site meeting will be organised with Council to define exactly where maintenance is required.





On the opposite side of K Valley and the Toll road, another variation has been the Cambridge Park to Westridge section. It's a challenging section to maintain with a very rough track that has weeds growing through it (see photo below). The track has been sprayed and the envelope cleared but with all the rainfall it will need another spray in the near future to tidy up. Ultimately a major surface renewal needs considering as the track is not up to specification and needs significant drainage work also to allow water to escape and not further damage the track. One small section needs urgent work however as it doesn't have width to get a gator or mower through and is also incredibly rough and needs filling in with Gap 40. RS will hire a digger, purchase some drainage pipe and order aggregate to make this section accessible.



The McLarens Falls renewals work on both the Rimu/Totara Track and the Lakeside Track removing and installing new steps is now complete. Within all these areas where building was carried out, RS also resurfaced. The team received some great feedback from the Park Ranger regarding the work which may lead to some further work in other areas of the park in the coming months.

The team also started renewals work at Endeavour Heights on the Northern side of the loop track. This is a very tricky site with limited access and very little to work with as a starting point. RS managed to get some retaining started (pictures below) before being directed to a higher priority job but we look forward to getting back in to complete this work in the coming weeks.





With a short lead time and a sense of urgency, our unscheduled team was asked to quote on the approach ramps to the new pedestrian bridges installed on the Koperurua Valley track network. RS were asked to go ahead with this job as a priority and have made great progress (photo below of Southern bridge) before the wet weather caused delays in getting materials onsite. The job is now complete but the amount of rainfall has seen some damage to the surface as well as what looks to be a horse that's walked over one side of the bridge and made it very uneven.



The Northern bridge access will join one of our existing tracks from Birch Ave through to Cambridge Park which will be overlayed as well.

Unscheduled work planned for April will be working on the summit where aggregate has been transported to the site by Higgins and building a small retainer wall, completing Endeavor Heights and as mentioned above completing all the resurfacing work within the K Valley network.



2. Business reporting measures

2.1 Recreational Services operational audits

Parks Totals	Target	Matua Saltmarsh	Waikareo Foreshore	Faulkner Park	Johnson Reserve	Riverstone Park Walkway Reserve	Scantlebury St Espl.	Total Average
Audited by		s 6 - Maintenance	s 7(2)(a) - Private			s 6 - Maintenance of law		
Dates audited		3-Mar	22-Mar			24-Mar		
Vegetation Maintenance	96	100	94	100	94	100	94	97
Drainage	96	100	94	100	94	94	88	95
General/Boardwalks	96	100	100	100	100	100	100	100
Pavement Surface	96	94	100	94	94	94	94	95
Total	96	98.4	96.7	98.4	95.3	96.9	93.8	96.8

2.2 Tauranga City Council operational audits

Parks Totals	Target	Riverstone Drive	Ohauiti	Endeavour Heights	Pacific to Evans	Mauao Stone Steps	Beach Road	Mauao Base Track	Total Average
Audited by									
Dates audited					22-Mar				
Vegetation Maintenance	96	100	100	94	100	100	100	100	99
Drainage	96	94	81	100	100	100		100	96
General/Boardwalks	96	100	100	100	100	100	100	100	100
Pavement Surface	96	100	94	100	88	100	100	100	97
Total	96	98.1	93.3	98.3	96.4	100.0	100.0	100.0	98.2



2.3 YTD audit summary

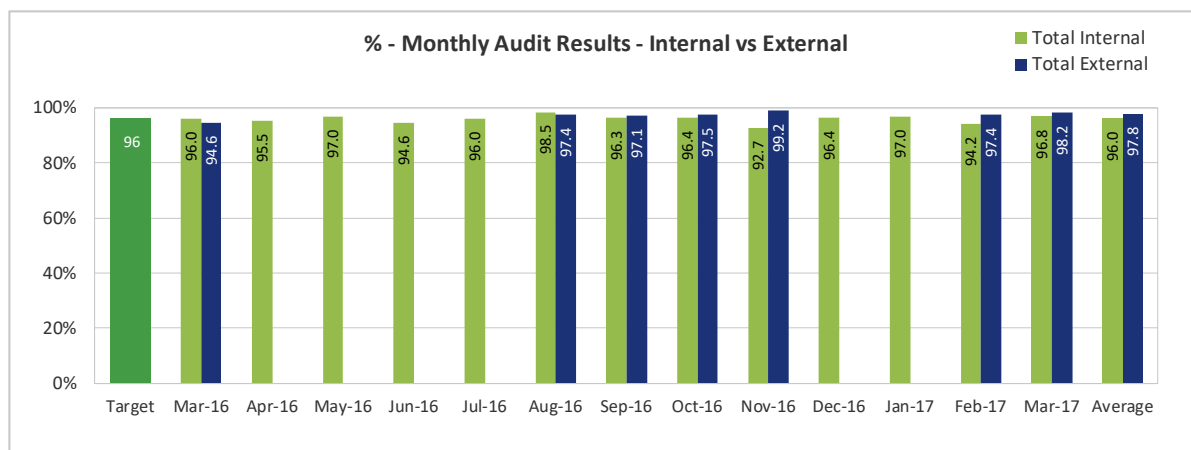
INTERNAL AUDIT SUMMARY

	Target	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Average
Vegetation Maintenance	96	95	95	97	98	99	100	94	97	91	100	97	97	97	97
Drainage	96	97	94	96	89	93	97	95	97	89	94	97	94	95	94
General/Boardwalks	96	99	97	100	97	97	100	97	100	96	95	95	96	100	98
Pavement Surface	96	93	96	95	95	94	97	99	93	95	97	99	91	95	96
Total Internal	96	96.0	95.5	97.0	94.6	96.0	98.5	96.3	96.4	92.7	96.4	97.0	94.2	96.8	96.0

EXTERNAL AUDIT SUMMARY

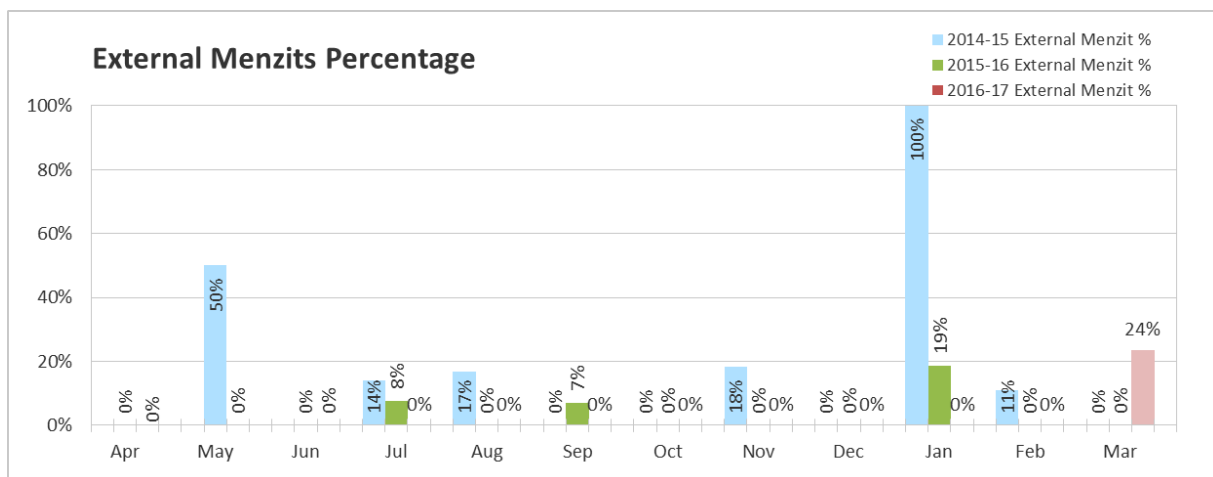
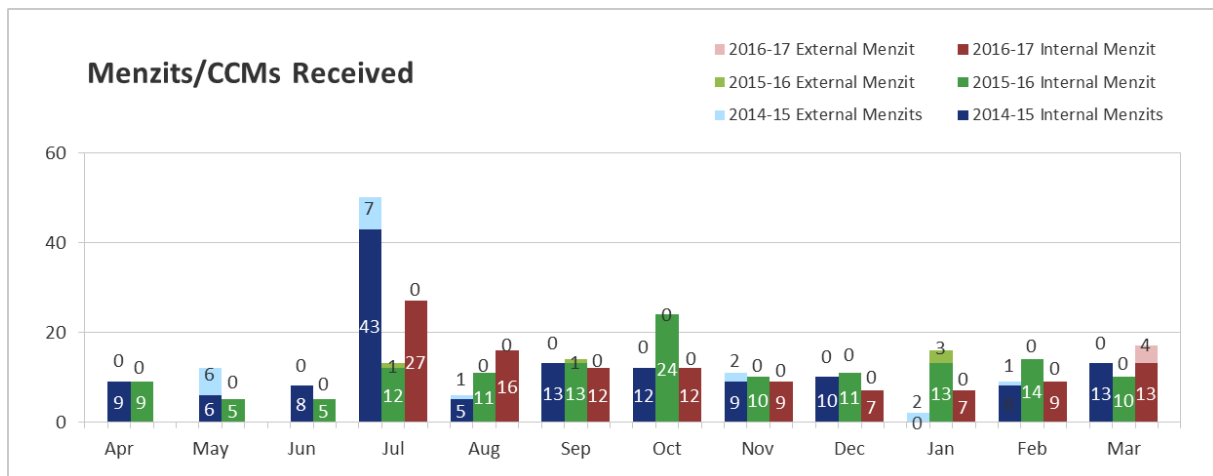
	Target	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Average
Vegetation Maintenance	96	94					99	100	98	100			100	99	99
Drainage	96	93					99	99	99	100			96	96	98
General/Boardwalks	96	98					93	96	100	97			96	100	97
Pavement Surface	96	94					98	94	93	100			97	97	97
Total External	96	94.6					97.4	97.1	97.5	99.2			97.4	98.2	97.8

Audits were not received for April-July 2016, Dec 16 or Jan 17





2.4 CCM Incident Statistics

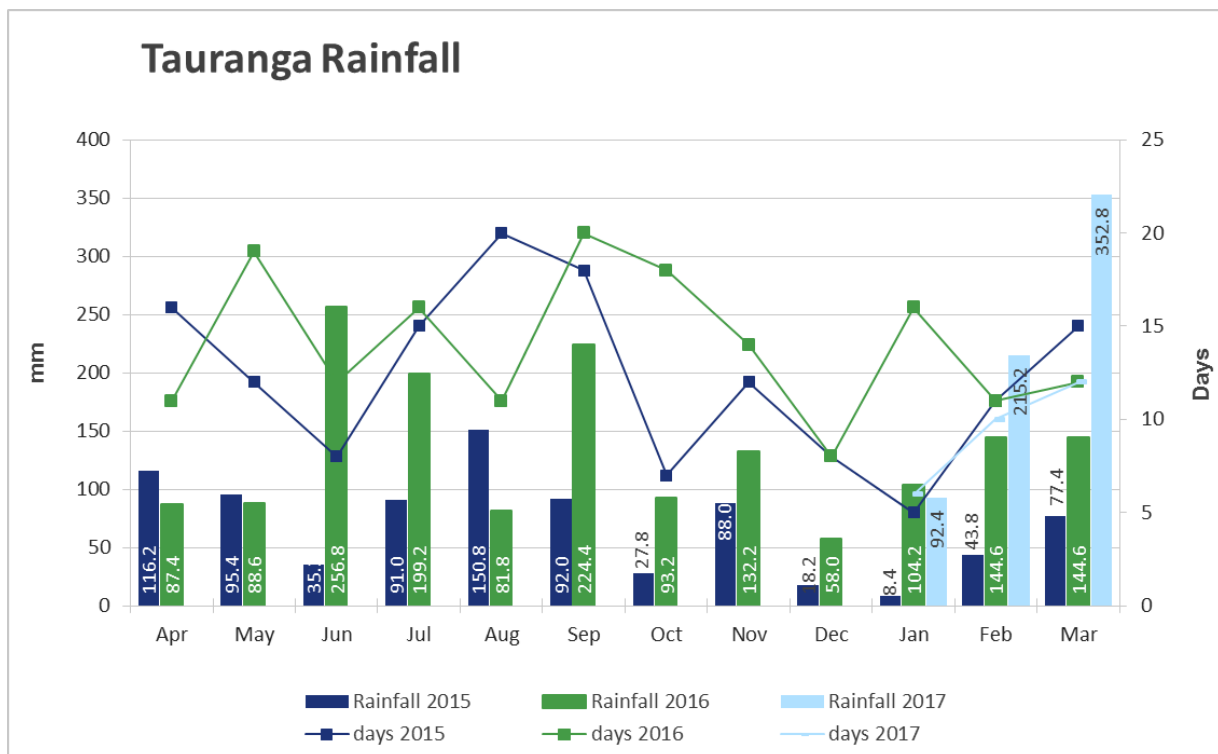




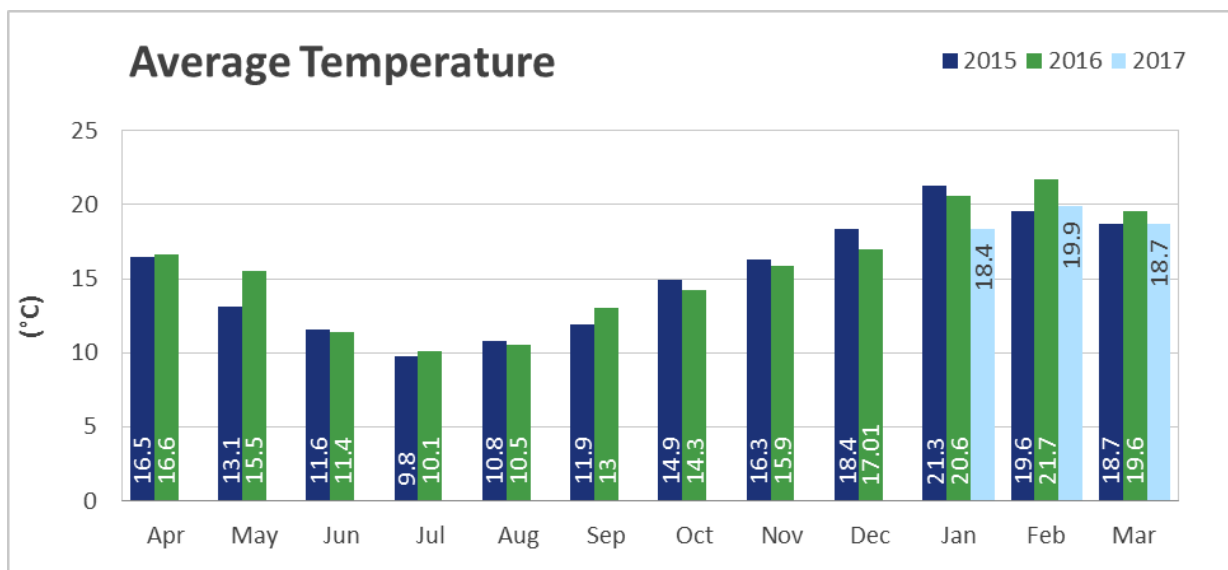
3. Service delivery

3.1 Weather

The rainfall figures for March were 352.8mm over 12 days, compared to 144.6mm over 12 days at the same time last year.



The average temperature recorded was 18.7°, compared to 19.6° at the same time last year.





4. Red flags

- Matua Saltmarsh has a section of track that is now always under water on or near high tide.
- Mauao's Waikorere track has a section at the Bluff which is very narrow and has a straight drop. This really needs attention and ultimately some kind of safety railing installed for everyone's safety (see photo 1 on next page).
- The RS maintenance team are struggling to clear some drains on Mauao due to the outflow of the pipe being on drop offs so it is too dangerous to work from this end when required.
- The flaxes growing on the track at Gordon Carmichael and other tracks mentioned to Council have still not been removed as well as other areas now becoming an issue (see photo 2 on next page).
- The underpass footpaths under the motorway at K Valley are flooding on high tides. With the tracks not able to be raised with the overhead motorway another option will need to be looked at in the near future for access to Birch Ave from the Valley.
- Bethlehem Wetlands entrance into the track by the motorway is constantly under water after rain. It's a low spot and with the fence line running through there it makes it hard to lift the area and take away the problem. Need further discussion on how to fix (see photo 3 on next page).
- Waikareao Foreshore Bridge is constantly having aggregate being washed out of the edge of it. The bridge needs extending and possible lifting to remove this issue (see photo 4 on next page).
- Tom Muir slip recently cleaned up looks like it will slip again onto the track and could be a health and safety issue (see photo 5 on next page).
- Millbrook stormwater has a large stormwater drain pipe that has created a chest deep cavity where the water pools before overflowing and running away (see photos 6 on next page). The track has been fenced off but the hole needs filling with large rock.





5. Customer feedback

No feedback was received.



6. Value adds

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



7. Health and safety

7.1 Internal Health and safety audit

DATE	PERSONNEL	PLANT	RESULT	ISSUE	ACTION TAKEN
08/03/17	§ 7(2)(a) - Privacy	V1162	100%	N/A	N/A

7.2 External Health and safety Site Inspection Report

DATE	SITE	RESULT	COMMENTS

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

NUMBER OF LTI INJURIES (ONLY INCLUDE LTI'S WITH AT LEAST 1 DAY)	NUMBER OF EMPLOYEES	TOTAL EMPLOYEE HOURS WORKED (EXCLUDE ANY LEAVE/MD/RT)	LTIFR (LOST TIME INJURY FREQUENCY RATE)
0	14	1899	0.00



7.4 Accident Register

INCIDENT REPORTING RECEIVED AFTER 01/03/2017

DATE	TIME	DIVISION	LOCATION	INCIDENT TYPE	INJURY TYPE	ACCIDENT DETAILS	INVESTIGATION	FOLLOW UP ACTION	WAS MEDICAL TREATMENT REQUIRED	LEAVE TYPE TAKEN	WORK HOURS LOST (PERSONAL INJURY ONLY)
24-Feb-17	1500	TTW - Tauranga Tracks and Walkways	Mauao	Non-serious harm	Strain (or sprain) - other	Slipped on track - twisted knee	Up towards the Summit of Mauao on the 4 wheel drive track I was walking back down when I slipped on the track and fell. The very compact track had loose material on the surface which caused a marble type affect. My left leg slipped and twisted out and I lost my balance and fell back on my hands. My knee was really sore after this and it was difficult coming back down the rest of the way.	This is a difficult piece of terrain as it is very steep with some areas being different types of seal to others to stop erosion and the track from gouging out. The hard seal used on the steep sections will get aggregate over the top of it which creates the marble affect that becomes very slippery. This is where s 6 - Marni has slipped and injured his knee. Its something that happens a lot to the public also. RS doesn't maintain the 4 wheel drive track so I will be advising staff where possible to not walk down this track and stick to our maintained tracks. This will be brought up in next meeting. I will also advise s 7(2)(f)(i) - Protec t Council and see if he can look at options with contractor responsible to potentially clear off the loose aggregate more frequently. Its difficult to provide a clear solution here though as its just the nature of a very steep site.	None		



8. Appendix 1 – Internal Audits



9. Appendix 2 – Menzit List
