

Infrastructure Committee Agenda

Date: Thursday, 6 December, 2018

Time: 10:30 am

Location: Committee Room 1
Forum North, Rust Avenue
Whangarei

Elected Members: Cr Greg Martin (Chairperson)
Her Worship the Mayor Sheryl Mai
Cr Stu Bell
Cr Gavin Benney
Cr Vince Cocurullo
Cr Crichton Christie
Cr Tricia Cutforth
Cr Shelley Deeming
Cr Sue Glen
Cr Phil Halse
Cr Cherry Hermon
Cr Greg Innes
Cr Sharon Morgan
Cr Anna Murphy

For any queries regarding this meeting please contact
the Whangarei District Council on (09) 430-4200.

1. Declarations of Interest	
2. Apologies	
3. Confirmation of Minutes of Previous Infrastructure Committee Meeting	
3.1 Minutes Infrastructure Committee meeting 8 November 2018	3
4. Presentation	
4.1 Presentation - Tutukaka Marina Trust	7
5. Decision Reports	
5.1 City Centre Parking Charges	9
6. Information Reports	
6.1 Contracts Approved Under Delegated Authority December 2018	13
6.2 Infrastructure Operations Report - December 2018	21
7. Public Excluded Business	
8. Closure of Meeting	

Infrastructure Committee – Terms of Reference

Membership

Chairperson: Councillor Greg Martin

Members: Her Worship the Mayor Sheryl Mai
Councillors Stu Bell, Gavin Benney, Crichton Christie, Vince Cocurullo, Tricia Cutforth, Shelley Deeming, Sue Glen, Phil Halse, Cherry Hermon, Greg Innes, Sharon Morgan, Anna Murphy

Meetings: Monthly

Quorum: 7

Purpose

To oversee the management of council's infrastructural assets, utility services and public facilities.

Key responsibilities include:

- Services including the provision and maintenance of:
 - Infrastructure projects and support
 - Infrastructure project co ordination
 - Transportation
 - Waste and Drainage
 - Water
 - Parks and Reserves.
- Shared Services – investigate opportunities for Shared Services for recommendation to council.

Delegations

- (i) All powers necessary to perform the committee's responsibilities, including, but not limited to:
 - (a) the approval of expenditure of less than \$10 million plus GST.
 - (b) approval of a submission to an external body.
 - (c) establishment of working parties or steering groups.

- (d) power to establish subcommittees and to delegate their powers to that subcommittee.
- (e) the power to adopt the Special Consultative Procedure provided for in Section 83 to 88 of the LGA in respect of matters under its jurisdiction (this allows for setting of fees and bylaw making processes up to but not including adoption).
- (f) the power to delegate any of its powers to any joint committee established for any relevant purpose under clause 32, Schedule 7 of the Local Government Act 2002

Item 3.1
Infrastructure Committee Meeting Minutes

Date: Thursday, 8 November, 2018
Time: 10:30 a.m.
Location: Council Chamber
 Forum North, Rust Avenue
 Whangarei

In Attendance	Cr Greg Martin (Chairperson) Her Worship the Mayor Sheryl Mai Cr Gavin Benney Cr Vince Cocurullo Cr Crichton Christie Cr Tricia Cutforth Cr Shelley Deeming Cr Sue Glen Cr Greg Innes Cr Sharon Morgan Cr Anna Murphy
Not in Attendance	Cr Stu Bell Cr Phil Halse Cr Cherry Hermon
Scribe	C Brindle (Senior Democracy Adviser)

1. Declarations of Interest

There were no declarations of interest made at this meeting.

2. Apologies

Crs Stu Bell, Phil Halse and Cherry Hermon

Moved By Cr Greg Innes

Seconded By Cr Sharon Morgan

That the apologies be sustained.

Carried

3. Confirmation of Minutes of Previous Infrastructure Committee Meeting

3.1 Minutes Infrastructure Committee meeting held 11 October 2018

Moved By Cr Greg Innes

Seconded By Cr Sue Glen

That the minutes of the Infrastructure Committee meeting held on Thursday 11 October 2018, having been circulated, be taken as read and now confirmed and adopted as a true and correct record of proceedings of that meeting.

Carried

4. Decision Reports

4.1 New Town Basin Park - Naming Process

Moved By Cr Shelley Deeming

Seconded By Cr Anna Murphy

That the Infrastructure Committee

1. approves the following process for obtaining an official name for the New Town Basin Park
 - a. Request suggestions from the public
 - b. Projects Working Party and representatives from Te Parawhau shortlist five names
 - c. Elected Council select the official name from the shortlist using a priority vote.

Carried

Cr Cocurullo joined the meeting at 10.31am during Item 4.1.

4.2 Whangarei Waka Trust - Request for Temporary Enclosure

Moved By Her Worship the Mayor

Seconded By Cr Anna Murphy

That the Committee agrees to granting a temporary Licence to Occupy for three years, to the Whangarei Waka Trust for a Temporary Waka Enclosure on the roadside berm on Onerahi Beach Rd adjacent to the Onerahi Yacht Club leased land.

On the motion being put Cr Martin called for a division:

Recorded	For	Against	Abstain
Her Worship the Mayor	X		
Cr Gavin Benney		X	
Cr Crichton Christie		X	
Cr Vince Cocurullo		X	
Cr Tricia Cutforth	X		
Cr Shelley Deeming		X	
Cr Sue Glen		X	
Cr Greg Innes		X	
Cr Greg Martin		X	
Cr Sharon Morgan	X		
Cr Anna Murphy	X		
Results	4	7	

Lost (7 to 4)

Crs Bell, Halse and Hermon were absent.

5. Information Reports

5.1 Whangarei City Wastewater Update

Moved By Cr Crichton Christie

Seconded By Cr Shelley Deeming

That the Infrastructure Committee notes this update report of programmed works to reduce sewage spills and improve the wastewater system in the Whangarei City.

Carried

5.2 Contracts Approved Under Delegated Authority

Moved By Cr Anna Murphy

Seconded By Cr Sue Glen

That the Infrastructure Committee note the Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

Carried

5.3 Whangarei Heads Transfer Station

Moved By Cr Greg Innes

Seconded By Cr Sue Glen

That the Infrastructure Committee

1. Notes that there will be opposition to the resource consent application for the existing transfer station.
2. supports further engagement with the Whangarei Heads community to explore options for green waste and “self-service” rubbish disposal options.

Carried

5.4 Infrastructure Operations Report - November 2018

Moved By Cr Vince Cocurullo

Seconded By Cr Shelley Deeming

That the Infrastructure Committee Notes the Infrastructure Operations Report update.

Carried

6. Public Excluded Business

There was no business conducted in public excluded.

7. Closure of Meeting

The meeting concluded at 11.44am.

Confirmed this 6th day of December 2018

Councillor Greg Martin (Chairperson)

4.1 Presentation – Tutukaka Marina

Meeting: Infrastructure Committee
Date of meeting: 6 December 2018
Reporting officer: C Brindle (Senior Democracy Adviser)

1 Purpose

To update the committee on matters relating to the Tutukaka Marina.

2 Recommendation/s

That the Infrastructure Committee notes the update on the Tutukaka Marina.

3 Discussion

Dylan Lease, Tutukaka Marina Trust Manager will make a short presentation on the recent initiatives the Trust have put in place at the Tutukaka Marina including the recent national award for Best Environmental Initiative.

4 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via agenda publication on the website.

5.1 City Centre Parking Charges

Meeting: Infrastructure Committee
Date of meeting: 06 December 2018
Reporting officer: Greg Monteith (Senior Asset Engineer)

1 Purpose

To seek a Council resolution to implement the amended the parking charges and time restrictions in the central city area, to create three simple paid parking zones.

2 Recommendations

That the Infrastructure Committee

1. Pursuant to the Whangarei District Council Parking and Traffic by law 2017, Clause 15, hereby resolve that the parking charges and time restrictions as detailed on **Attachment 1** be approved. And all existing charges and time restriction within these zones be rescinded.
2. That all existing parking restrictions covered under the following clauses remain unchanged.
 - Clause 10 - Special Vehicle Lanes
 - Clause 11 - Shared Zones
 - Clause 14 - Stopping, standing and parking
 - Clause 15 - P10 zone Rathbone St (east side)
 - Clause 15 – P30 zone Forum North Carpark
 - Clause 16 - Mobility Parking Spaces
 - Clause 17 - Motorcycle Parking
 - Clause 18 - Clearways, passenger service vehicle and transport stations
 - Clause 19 - Loading zones
3. That the existing parking charges and time restrictions remain in place until the new posted charges and time restrictions can be sign posted and advertised.

3 Background

One of the actions requested by the Committee, at a workshop held on the 10 April 2018, was a change to the current charging regime in the CBD core, with an aim to standardise the parking charges and fees making it clearer to our customers what the parking charges and restrictions are and when they apply.

Approval in principle to create these 4 zones was given by the Committee at the Workshop, and this agenda is the required mechanism to implement those requested changes. The new Zones in the CBD will be:

Zone 1 – CBD central core. Premium parking, \$2.00 per hour, P180.

- Monday to Friday 8am to 6pm
- Saturday 8am to 2pm

Comment: currently a combination of \$2-50, \$2-00 and \$1-00 per hour, and P180 time restrictions. Intended for tourism and shoppers.

Zone 2 – CBD ring. \$1.00 per hour P180

- Monday to Friday 8am to 6pm

Comment: currently a combination of \$1-00, 60c, 50c 40c and Time Restricted only. These areas are intended to be overflow tourism parking from the Town Basin and to service the CBD shopping area. Additional parking spaces is intended on these roads by rearrangement of on-street parking bays.

Zone 3 – CBD outer fringe car parks. Commuter car parking, \$2.00 per day

- Monday to Friday 8am to 6pm

Comment: No change for Hatea Dr and Canopy Bridge car parks until Park construction commences. Water St and Vinery Lane will have reduced charges to encourage more usage.

Zone 4 – CBD outer on street parking. Free and or time restricted. Note no change to current restrictions.

A briefing paper was considered by the Committee at the I&S Update meeting on 10 April 2018 with these proposed changes.

This agenda now seeks to create and have approval for the above-mentioned paid Zones 1, 2 and 3, as set out in Attachment 1.

Note the Town Basin Zone is excluded from these changes and will remain with the current charging regime, which is \$2 per hour, P180 , except for the Carruth St carpark which is free on Saturdays and Sundays.

It is intended to start implementing these changes with adjustments to existing and new parking meters and new signage from February 2019.

All areas will continue to be monitored and changes recommended to Council as required.

4 Significance and engagement

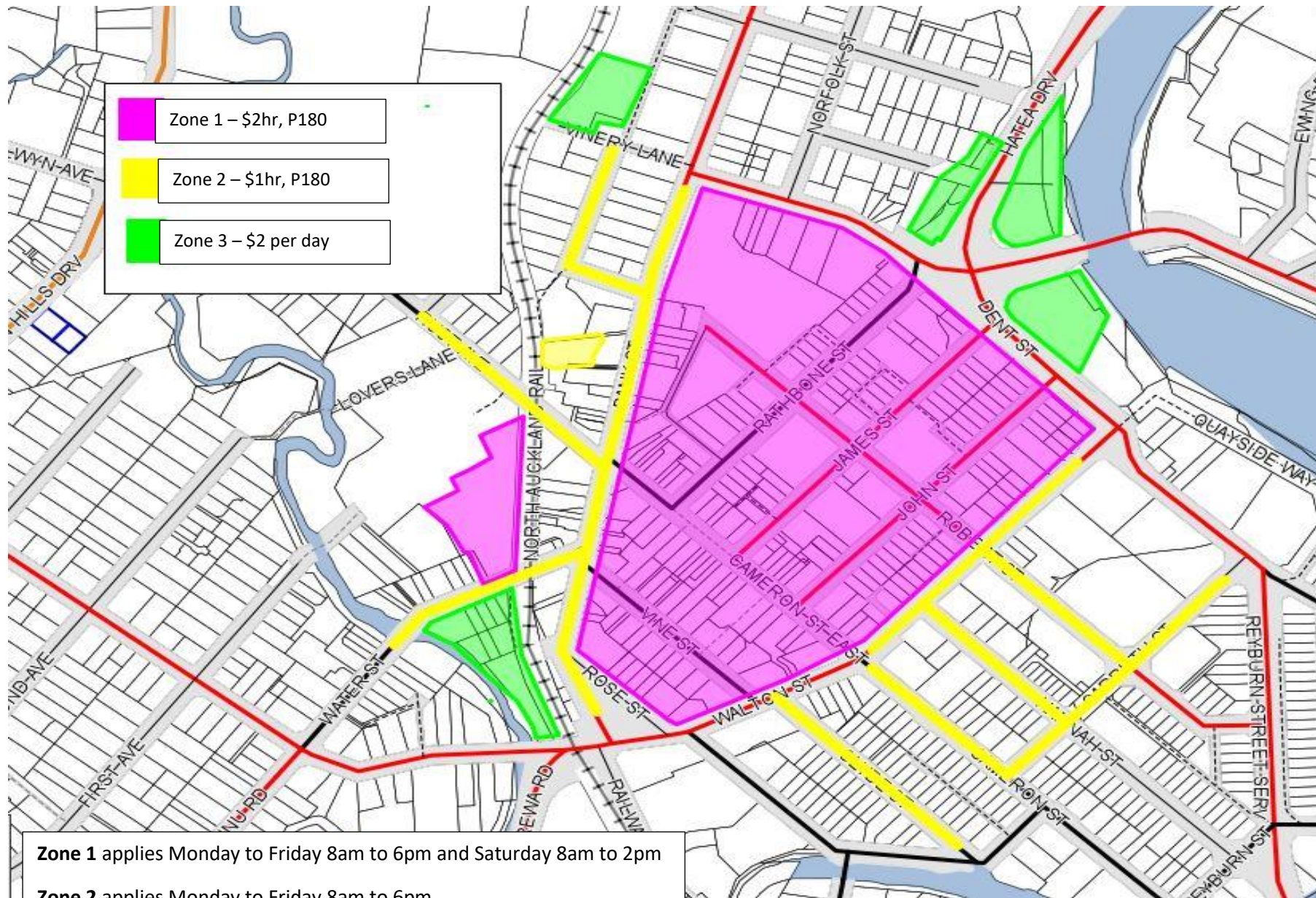
The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via publication of this Agenda on the website and in Council News and Facebook. Changes to existing parking charges and time restrictions will be publicly advertised prior to coming into force.

5 Attachment

Attachment 1 – New Central City Parking Charges and restrictions.

New central city parking charges and restrictions

Attachment 1



6.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 6 December 2018
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

For the Infrastructure Committee to note Infrastructure contracts awarded under Chief Executive and General Manager delegated authority

2 Recommendation/s

That the Infrastructure Committee note the Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

3 Background

Table 1 (below) records Infrastructure contracts awarded under Chief Executive and General Manager delegated authority. Attachment 1 provides a summary of the award process for each contract and a brief description of the works being undertaken

Table 1: Infrastructure Contracts Awarded Under Delegated Authority

1. Waste and Drainage	
CON18041	Teal bay Storm water Improvement
CON18046	Takahe Street Sewer Diversion
2. Parks and Recreation	
CON18055	Mackesy Tracks Upgrade
CON18070	Otaika Sports Park Sand Field Construction Stage 2

4 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via Agenda publication on the website.

5 Attachment

1. Summary of Contracts Approved Under Delegated Authority December 2018

1.0 Summary of Contracts Approved Under Delegated Authority

This attachment provides a summary of the award process and works being undertaken for Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

1.0 Waste and Drainage

CON18041
Teal Bay Stormwater Improvement

Background

The projects principal purpose is to lessen flooding in Owai Avenue during a 1 in 5-year storm event. This will required the construction of a secondary stormwater pipeline to conduct stormwater flows from an inlet in a parks reserve to an outlet located in the estuary.

Contract Tender

The tender was publicly advertised through Tenderlink on the 14th of September 2018 and closed on the 11th of October 2018.

The tender evaluation method was Lowest Price Conforming generally in accordance with the current issue of the NZ Transport Agency's Procurement Manual. Eight tenders were received as follows;

Tenderer	Total Tendered Price (excl. GST)
Wilson Earthmoving Group Limited	\$567,101.20
Clements Contractors Ltd	\$617,813.84
Donovan Enterprises Ltd T/A Hutton & Cameron	\$655,346.50
Asset Construction Limited	\$693,530.14
MAP Projects Ltd	\$722,188.07
Northland Transport Ltd	\$777,745.22
United Civil Construction Limited	\$842,780.74
Northern Drainage Ltd	\$1,138,832.96

The Engineers Estimate was \$631,272.00

Wilson Earthmoving Group Limited's submission was the lowest price and was found to conform with all the tender attributes and requirements. The Tender Price includes 10% contingency, should extra work be required.

Financial

This project will be funded from PJ00424, LTP Indicator 00223 – Stormwater Improvements – Teal Bay Stormwater Improvements with a budget of \$546,000.00. The shortfall will be funded from PJ00245 – Stormwater Renewals with a budget of \$981,000.00

Chief Executive Approval

That Wilson Earthmoving Group Limited be awarded the Contract to undertake the Teal Bay Stormwater Upgrade for the tendered price of \$567,101.20 (Five hundred and sixty seven thousand and ten dollars and twenty cents) excluding GST, including a contingency of \$60,000.00.

CON18046
Takahe Street Sewer Diversion

Introduction

Contract 18046 is for construction of sewer diversion line at Takahe St, Tikipunga. This project which will resolve the sewage overflow that occurs at Takahe St during storm events.

Tender Submission

The contract was publicly advertised on Tenderlink and closed on the 12th October 2018. Three tenders were received as follows:

Tenderer	Amount (excl. GST)
Broadspectrum (NZ) Limited	\$493,482.54
Clements Contractors	\$652,351.61
Steve Bowling Contractors	\$641,818.59
Engineers Estimate	\$420,000.00

The tender evaluation method was lowest price conforming and in accordance with the Whangarei District Council Procurement Procedures Manual.

Tender Evaluation

The Tender submitted by Broadspectrum (NZ) Limited was the lowest at \$493,482.54, approximately \$148,000.00 lower than the second lowest price.

Stage 1 of the tender evaluation method involved checking that the non-price attributes were in accordance with the Tender Document. All tender attributes were addressed to the satisfaction of the tender evaluation team. All tags contained in the Broadspectrum tender were resolved.

Stage 2 of the tender evaluation involved an arithmetic check on the Broadspectrum Ltd tender. No errors were found in the Tenderers' Schedule of Prices or Form of Tenders.

The Broadspectrum tender is 17% higher than the engineer's estimate. The difference is mainly because the engineer's estimate wasn't adjusted to take into account the change in pipe diameter from 225mm to 300mm as per Notice to Tenderers #2. The high tender price is also a reflection of the complexity of the project that includes difficult site and extensive management of live sewers.

Financial

Takahe St Sewer Diversion project (PJ 00361) is funded under LTP Indicator Sewer Network Upgrades with an overall budget of \$1.2m in 2019-20, and \$290,000.00 allocated to Takahe St Sewer Diversion. Council, through October 2018 Infrastructure Committee agenda item 6.4, approved to bring forward \$430,000.00 to allow construction of the sewer diversion this financial year.

The budget shortfall of \$63,500.00 between the lowest tender and the funding approved by Council (\$430,000.00) will be funded by Sewer Network renewal budget which has funding of \$1.02m this financial year.

Chief Executive Approval

The Contract 18046 for Takahe St Sewer Diversion be awarded to Broadspectrum (NZ) Limited for the tender sum of \$493,482.54 (Four hundred and ninety-three thousand, four hundred and eighty-two dollars and fifty-four cents) excluding GST.

2.0 Parks and Recreation

CON18055 Mackesy Tracks Upgrade
--

Background

There are two tracks through the Mackesy Bush on Parihaka that require upgrading to protect the kauri and raise the standards of the tracks to match the other tracks up Parihaka. A third track through Mackesy Bush, which runs parallel to one of the others tracks, will be closed to the public to protect the large strands of Kauri.

The works to upgrade the tracks will be design and build with the design being completed by the Contractor and approved by the Engineer before the works start.

Procurement Process

This procurement was conducted in a two-stage process.

Stage One

An open Registration of Interest (RoI) was undertaken through TenderLink. The RoI closed on the 7th September 2018 with two tenderers registering their interest;

- Northland Park Care, and
- Plant Pro Ltd

The attribute statements supplied were assessed. Both tenderers were found to meet the standard required by the RoI so both were shortlisted for stage two.

Stage Two

The shortlisted tenderers were asked to supply their price for completing the design and their rates for upgrading the tracks. The request for price closed on the 25th October 2018.

The prices received were;

Tenderer	Total Tendered Price (excl. GST)
Northland Park Care	\$427,403.50
Plant Pro Ltd	\$422,715.00
Engineer's Estimate	\$555,122.33

The submissions were evaluated using lowest price conforming.

Plant Pro Ltd's submission was found to be conforming.

Financial

The total budget for this project is \$438,940.00 with \$361,690.00 this year and \$77,250.00 next year. The cost of the upgrade of the two tracks is anticipated to be less than tendered price as the winning tenderer has already provided ideas for cost savings on this project and will be working with Parks and Recreation to produce the most cost effective design.

Chief Executive Approval

CON18055 for Mackesy Tracks Upgrade be awarded to Plant Pro Ltd for the tendered sum of \$422,715.00 (Four hundred and twenty-two thousand, seven hundred and fifteen dollars) excluding of GST.

CON18070
Otaika Sports Park Sand Field Construction Stage 2

Purpose

Approval is sought to award contract CON18070 to Recreational Services for the total amount of \$1,083,137.91 excluding GST.

Background

Funding is available in the Long-Term Plan to upgrade sports fields at the Otaika Sports Park. The upgrade is staged over three consecutive years and includes the construction of three new sand carpet fields and the refurbishment (and re-orientation) of one existing field, including lighting, irrigation and drainage. See Appendix 1 for field layout.

CON17005 for Stage 1 was publicly advertised, and the contract was awarded to Recreational Services for the price of \$1,479,363.04 excluding GST on the 21st September 2017. This contract is currently underway and physical works are due for completion in December 2018 straight after couch stolens have been planted. The turf will then have the whole summer to establish and grow ready for the winter playing season which starts April 2019.

Following approval to vary from Council's Procurement Policy, a price for the Stage 2 was directly negotiated with Recreational Services.

Financial

The contract price negotiated with Recreational Services is \$1,083,137.91 excluding GST. This is just below the Engineer's Estimate of \$1,089,586.63.

Overall, Recreational Services have held their costs from the Stage 1 contract – Whilst there has been some increase for the lighting materials, however this has been offset with cheaper P&G rates as they are already on site.

Further details are provided in the table below:

Description	Contractor's Tender (excl. GST)	Engineer's Estimate (excl. GST)
Value of work	\$ 984,670.83	\$ 990,533.30
Contingency	\$ 98,467.08	\$ 99,053.33
Total Contract Amount	\$1,083,137.91	\$ 1,089,586.63

Works for Stage 2 are planned to be spread over two years (2018/19 and 2019/20), however if weather is favourable then couch stolens will be planted before April 2019 which means 90% of the contract value will be spent in year 2018/19, with the remainder spent in year 2019/20.

The total budget for Sports Parks Renewals for 2018-20 is \$1.417m.

Details of the available budget and estimated spent are provided in the table below.

Description	2018/19	2019/20	Comment
Available funding	\$ 859,000.00	\$ 558,000.00	The budget shortfall in year 2018/19 of \$128,647.13 will be brought forward from year 2019/20.
Total	\$ 1,417,000.00		
Estimated amount to be spent	\$ 987,647.13	\$ 95,490.78	
Total	\$ 1,083,137.91		

An arithmetical check of the tender schedule was done, and no errors were found.

Chief Executive Approval

It is recommended that CON18070 for Otaika Sports Park Sand Field Construction Stage 2 is awarded to Recreational Services for the sum of \$1,083,137.91 (One million, eighty-three thousand, one hundred and thirty- seven dollars and ninety-one cents) excluding GST.

6.2 Infrastructure Operations Report – December 2018

Meeting: Infrastructure Committee
Date of meeting: 6 December 2018
Reporting officer: Simon Weston (General Manager – Infrastructure)

1 Purpose

To provide a brief overview of work occurring in the current financial year across services that the Infrastructure Committee is responsible for.

2 Recommendation

That the Infrastructure Committee notes the Infrastructure Operations Report update.

3 Background

In December 2016, Council adopted committee terms of reference for the 2016 – 2019 triennium, with the purpose of the Infrastructure Committee being to ‘oversee the management of Council’s infrastructural assets, utility services and public facilities’.

This report provides the Committee with a brief summary of the operational highlights from the Infrastructure Monthly Report, October 2018.

4 Significance and engagement

The decisions or matters of this report do not trigger the significance criteria outlined in Council’s Significance and Engagement Policy, and the public will be informed via report publication.

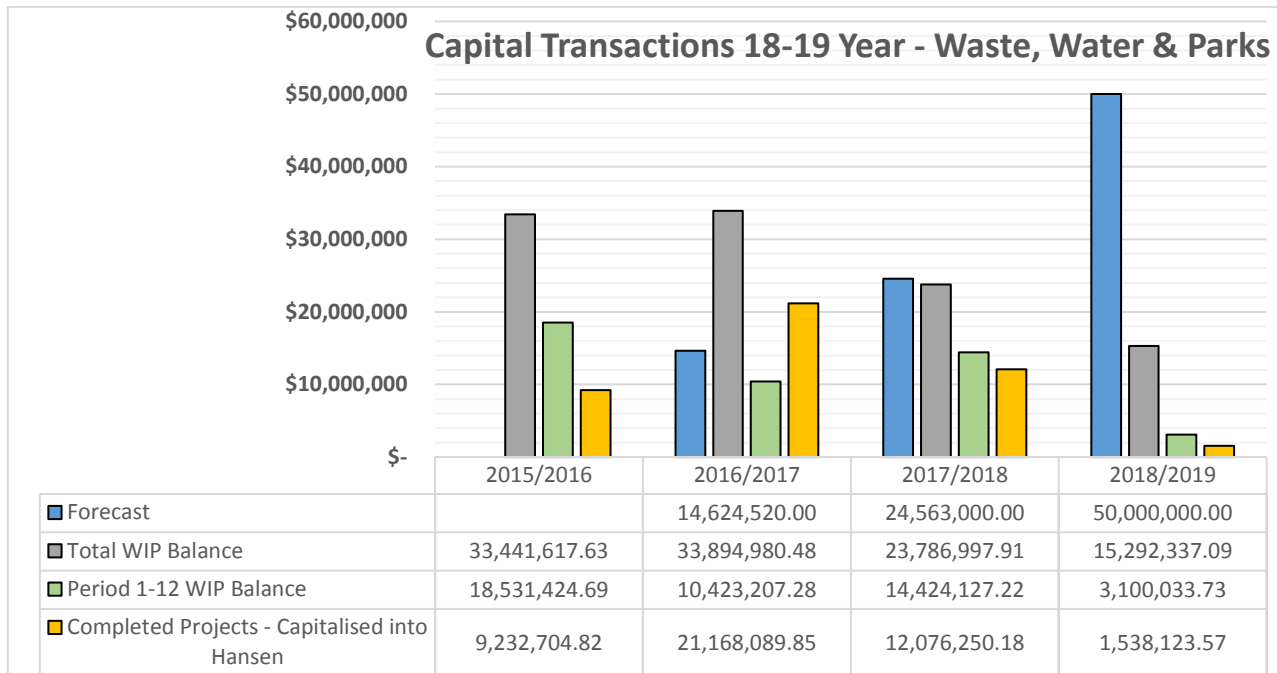
5 Attachments

Infrastructure Operations Report – October 2018

Infrastructure Operations²³ Report – December 2018

Infrastructure Development

Capitalisation



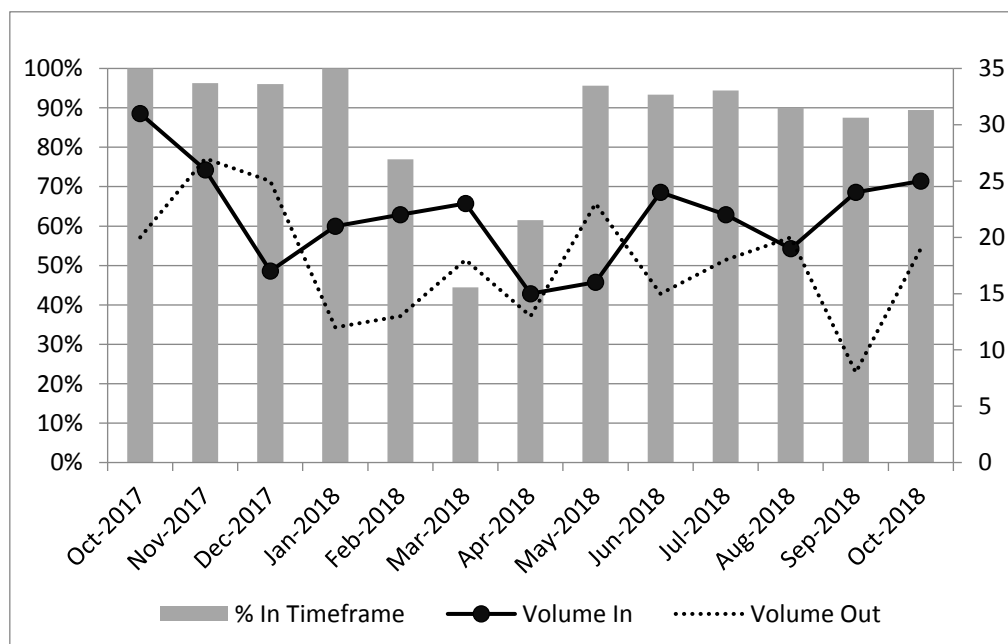
The above graph shows previous years' capital transactions for comparison. The clearing of the WIP (work in progress) continues. There are some projects still to be cleared from the previous year as still waiting on as built to be supplied, before they can be completed.

Asset Management

The asset management team are working with Asset Managers on componentisation and data cleansing. Parks have nearly completed, as much as possible both the componentisation and data cleansing. Water and Waste have started this process and are progressing as time permits. We are working with Tech One regarding the structure of the import templates as part of the componentisation process with a target to complete componentisation before the end of February.

Development Engineering

The volume of applications has increased, along with staff absences due to injury and leave, this has put pressure on current staff. The applications processed within time are at 87% but we are relying on consultants to assist with current workloads as well as temporary support from within the infrastructure group. We are actively recruiting the Team Leader position.

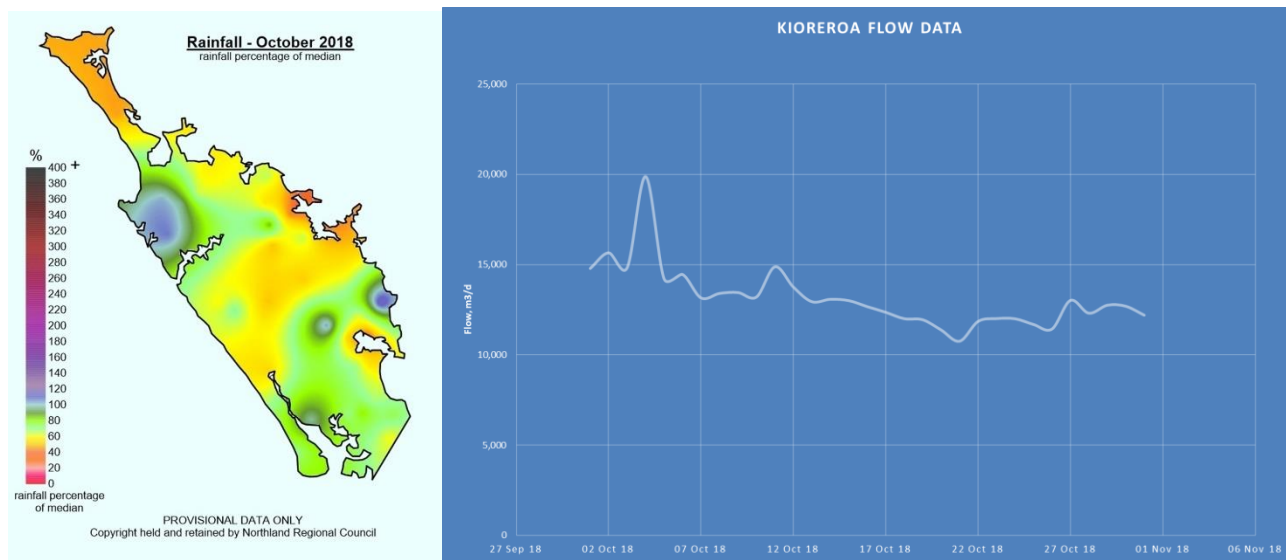


Infrastructure support have had a new staff member join the team to replace the current team leader's previous position. During recruitment, other infrastructure staff stepped in to assist the infrastructure support team to maintain their level of service requirements.

Waste and Drainage

Whangarei WWTP

October was drier than normal, resulting in an average flow into the wastewater plant of 13,140 m³/d.



NRC image depicting the percentage of normal rainfall and graph illustrating the flow in m³/d through Whangarei WWTP

Health and Safety

No incidents to report this Month.

Kioreroa WWTP Operation

The settleability issues from last month have continued and alum is being used to aid clarification of the treated effluent.

Kioreroa WWTP Maintenance

Inlet works grates were completed. An audit of the UV disinfection lamps also completed. The grit separation unit was serviced and cleared and new grit pump installed.

The generator rebuild was complete however commissioning was delayed due to a number of electrical and mechanical faults including incorrect air circulation being installed by the manufacturer and faulty spark plug leads. The machine is currently operating fine.

Rural WWTP Operation and Maintenance

Oakura faults identified in the previous report have been addressed and it is now working well. Tutukaka and Oakura were desludged using truck and trailer. The new irrigation system at Ruakaka, Rama Rd block, was brought on line and is working well.

Human Resources

There has been no success, to date, in filling vacancies for the Operations Engineer or Wastewater operator. The treatment plant operator, completed his onsite diploma assessment.

There was two sewerage spill in October.

Date Spill Ceased	Location	Cause	Volume (m³)	Type of Sewage	Action Taken
13/10/18	56 Balmoral Road, Tikipunga	Car crashed over bank onto sewer aerial crossing bending it and cracking a weld allowing sewage to discharge to the creek	1.0	raw	NRC and DHB notified, car towed off, temporary repair completed with denso tape
17/10/2018	Adjacent to BP service station Riverside Drive, Whangarei	Pump control issue on as well as only one pump in service while sewer line was being replaced. Audible alarm did not alarm although verified to be working one week prior.	2.0	raw	NRC and DHB notified, spill area cleaned and disinfected. Alarm issue resolved and pump control issues resolved.

Capital Works Projects

Sewer & Stormwater CAPEX

Hikurangi-Union Street sewer: Section of pipe that was renewed required replacement due to unknown service line redirecting the bursting head, meaning the pipe was installed off grade. This section is being replaced by open trenching and scheduled to be completed, end of November.

Tarewa Wastewater Tank: The tank installation and site restoration is complete, with the final inspection and hand over expected in November. The final ground level will be achieved after practical completion using top soil from the NZTA project area. The system will be live after NZTA construct the wastewater diversion across SH1 as part of their project.

Ruakaka WWTP- Rama Rd Irrigation Stage 2&3: The new irrigation area and pumps have been commissioned. The system is working as planned.



Rama Rd old sprinkler system during commissioning



Rama Rd new drip irrigation system during commissioning

Takahe St Sewer Diversion: This project will resolve the sewage overflow in Takahe St, Tikipunga. The \$490,000 contract was awarded to Broadspectrum.

Hikurangi Sewer Rehabilitation Stage 2: This project is to rehabilitate Hikurangi's sanitary sewer network, to reduce groundwater infiltration and restore structural integrity of the pipes. Tender for construction closed on the 9th November and the tender evaluation is currently underway.

Tutukaka UV System Replacement: Replacement system with twice capacity of existing system is currently being installed.

Porowini Ave Stormwater Quality Improvement: Opus have been awarded the contract to design a storm water treatment system for the water body adjacent to the Porowini railway overbridge. Meetings with key stakeholders completed.

Kioreroa WWTP Odour Control: Beca have been awarded the contract to design odour control works, due for construction in 2019/2020. Further investigation works underway.

Port Rd: replacement of 80 meters of 225mm gravity sewer is underway and expected to be completed.

Consents and Compliance

Hikurangi is non-compliant around disinfection and solids due to membrane problems due to faulty membrane, however monitoring identifies that the effluent is better quality than the receiving environment. Investigation into alternative sis underway and WDC is considering its legal options with regard to the failure of the membrane unit.

Ngunguru continues to be non-compliant for ammonia levels. Further testing has been completed indicating high ammonia levels in the pond effluent. A report on the ecological effects of the higher ammonia levels is underway.

The consent to increase flow to Waipu has been lodged and draft conditions for a revised Ruakaka consent are being prepared by the NRC after a number of pre-hearing meetings with submitters.

CON16080

A review of the contract was undertaken and an agenda has been prepared for the December Council meeting to associated with separable portion 2. The contract manager for Hydrotech, has resigned after many years working on the Council contracts. Hydrotech are currently recruiting new staff.

Hikurangi Flood Management Scheme

Drain clearing has started. There has been no feedback to date on the PGF application to improve the flood scheme and surrounding area.

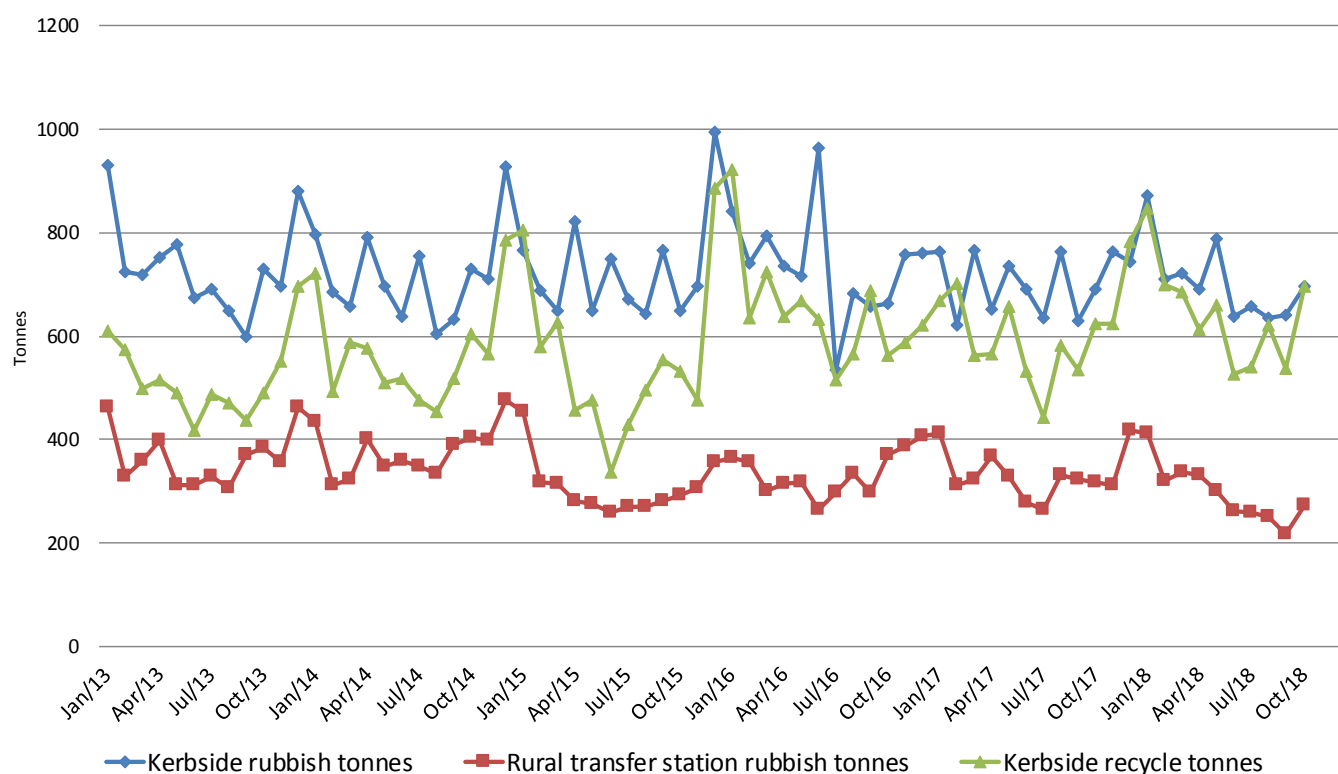
Solid Waste Operations

Revenue for the service may reduce as the tonnage of rubbish collected from the kerbside and from rural transfer stations is continuing to decline. The volumetric charging structure at rural transfer stations may be discouraging users with large commercial loads of waste going to rural transfer stations and using the Re:Sort weighbridge instead.

Monthly waste tonnages are shown in the table and charts below.

Rubbish Collection Tonnes	2017/18	2018/19	RTS Tonnes	2017/18	2018/19	Recycling Tonnes	2017/18	2018/19
June	637		June	262		June	526	
May	789		May	299		May	660	
April	690		April	329		April	611	
March	722		March	335		March	685	
February	711		February	320		February	700	
January	873		January	412		January	848	
December	742		December	439		December	783	
November	764		November	311		November	624	
October	690	695	October	316	271	October	623	696
September	630	640	September	323	208	September	527	538
August	764	636	August	330	249	August	441	620
July	634	658	July	264	257	July	583	540
Total for period	8646	2629	Total for period	3940	985	Total for period	7611	2394

Solid Waste Tonnes Jan 2013 - Year to Date



Infrastructure Planning & Capital Works

Major Projects

Major Projects: Sense of Place

- **New Town Basin Park (Carpark to Park):** The team are working on procuring the services required to undertake detailed design of the different elements. Playground, lighting, toilet, and shade canopy design works have been awarded and the water feature procurement is underway. The team are continuing to work closely with both internal and external stakeholders. Physical works will occur in parallel with construction of Hundertwasser Wairau Maori Art Centre project. Construction of the new park will start in early 2020, with completion in late 2020.
- **Camera Obscura:** The external project team are in the process of seeking funding for the construction of a camera obscura on Pohe Island. Preloading of the site with metal was completed in April 2018. Construction is postponed until funding is secured. Construction is anticipated to take five months. On completion of the physical works WDC will undertake the landscaping work around the sculpture. Some of the WDC funding may carry forward into the next financial year.
- **Complete Streets Masterplan – City Core Precinct:** Investigation and scope development complete. Procurement underway with tender documents being finalised. Professional services tender planned for November / December.
- **Pohe Island Central Carpark, William Fraser Memorial Park Development:** Construction tenders have closed and have been evaluated. A recommendation for award is pending approval at the 29 November Council meeting. Construction is anticipated to begin early January.
- **Bascule Carpark -** Construction tender closes 20 November 2018. Construction planned to start February 2019.

Major Projects: Parks & Recreation

- **Matapouri Beach Restoration:** Peer review of the engineering design is complete and comments are being addressed. Community consultation is underway and the consent application has been lodged. It is anticipated that replenishment works will start in April 2019.

- One Tree Point Seawall Investigation: The investigation has looked at the entire length of coast around the One Tree Point area and is the first step to develop a consistent approach to erosion management in the area. The final report has been completed based on feedback from Councillors. Consultation with the community will run from 7 November until 20 December with a community consultation meeting on 1 December.
- Seawall Renewals 17/18: Ritchie Road and Taurikura seawalls are complete. Princes Road seawall is awaiting further reports from consultants to determine the final design and consenting requirements.
- Ngunguru Seawall Renewal: Detailed design for Stage 2 along Ngunguru Road frontage is now underway and has incorporated some items gathered from the community feedback. Resource Consent has been lodged and referred to Department of Conservation, which will increase the timeframe. Funding is available in 2018/19 to renew the seawall only, including construction of access stair cases. Additional funding will be necessary in later years to come to achieve the community's desired outcomes like additional parking, safe pedestrian crossings, landscaping of the amenity space and a boardwalk.
- Sandy Bay Beach Restoration: A long-term solution to manage the dune erosion at Sandy Bay has been proposed and a Resource Consent for the work is being prepared. Once this has been completed, a concept plan will be presented to the community. This plan will include dune protection areas.
- Otaika Sports Park Field Construction: Construction of stage 1 which includes two new sports fields, lighting, irrigation and drainage is currently underway, and the fields will be ready for the winter season April 2019. Physical works on stage 2 commenced in November. The works include the construction of one new field and the refurbishment of an existing field, including lighting, irrigation and drainage. The stage 2 fields will be ready for the winter season April 2020.
- Hikurangi Multiuse Hardcourt: Construction of the hardcourt is complete. Lighting installation is underway, due for completion November 2018.
- Ruakaka Sports Fields: The design for the two new fields and refurbishment of the existing fields is complete. The consent process will start soon for the construction of new light poles to replace the existing, and works are planned to occur this financial year. Construction of the new fields cannot start until the sand mound has been removed. An option for sand removal to the Ruakaka Wastewater Treatment Plant is being worked through.
- Laurie Hall Park Asset Renewal: Tender documents have gone out to the market. Tenders close on 13 November. Construction is planned to start after 11 November Armistice Day celebrations.
- Laurie Hall Park Waterfall: An investigation is underway for the renewal of the waterfall.
- Limestone Island Pontoon – Pontoon has been installed. It will be blessed on 11 October and then it will be open to the public.
- Abbey Caves Car Park and Toilet Facility - Hawthorne Geddes have provided the final concept plans, report and engineers estimate. Funding is being sought for construction.
- Quarry Gardens Car Parking Facility – Final concept plans and an engineers estimate should be completed by the end of 2018 and further funding will be sought for construction.
- Whangarei Falls Carpark Amenity Upgrades - the contract has been awarded to Robinson Asphalts and physical works are underway. Completion due December 2018.
- Potter Park, Tikipunga - The design is near completion, a playground design has been chosen through consultation with local schools and a shade sail consultant is to be engaged. The outcome will be a children's playground with footpaths, bollards, and trees. Construction is planned for early 2019.
- Ngunguru Youth Activity Zone – Procurement underway for professional services, tender and scope documents complete. Site survey completed 18 October, geotechnical scoped and ready for execution in November. Availability of designer and construction team to be clarified in November.
- Otangarei Sports Park Toilet: The new toilet is arrived on site at the end of October.
- Mackesy Bush Track Upgrade – The tender for the works has been awarded.
- Dog Park Drainage – Tender closes Nov 2018 with construction likely to be underway by March 2019.
- Parihaka War Memorial Refurbishment – Stakeholder meeting held with RSA and hapu to discuss wider scope. Work ongoing to align project with upcoming work on radio masts. Project to be split into multiple

29

phases to allow refurb / rebuild to progress without delay from creative elements. Scope presentation to stakeholders scheduled for 10 December.

Major Projects - Water

- New Whau Valley Water Treatment Plant: The detailed design was completed in October. Following the 'Expression of Interest' for construction three contractors were shortlisted. Prices to construct the plant are currently being sought from the three shortlisted contractors. A request for an extension of time made by one of the contractors was approved, which moved the tender closing date from 20th November to 11th December 2018. Approval to award a contract will be sought at the 7 February 2019 Council Meeting. Building consent will be lodged once peer reviews of the geotechnical and structural aspects of the detailed design have been completed. Construction is planned to commence in late February 2019, and is estimated to take 20 months.
- Ruakaka WTP Clarifier Upgrade: Detailed design complete. Procurement process for physical works underway, tender to begin in November. Site works scheduled to begin after high demand period ends, estimated to be in May 2019.
- Ridermain Replacements 2018/19: Broadspectrum are near completion on the new rider main at King Street. Construction at Corks Road is underway.
- Three Mile Bush Reservoir: Previous site location studies are currently being assessed and validated, with additional site investigation work to be performed to inform site selection process.

Major Projects: Waste & Drainage

- Tarewa Wastewater Tank: The tank is complete with the final inspection and hand over expected in mid-October. The landscaping fixes will be completed this month. The final ground level will be achieved after practical completion using top soil from the NZTA project area. The system will be live after NZTA construct the wastewater diversion across SH1 as part of their project.
- Teal Bay Stormwater Upgrade: Physical works contract awarded with construction beginning Feb 2019.
- Whangarei WWTP Odour Control: This project is for odour control to be installed in the process units which are contributing to off-site odour effects which need to be remedied for the resource consent. Detailed design is being undertaken by Beca.

Major Projects: Compliance & Regulatory

- New Animal Shelter: WSP Opus have been awarded the professional services contract. They are currently assessing the site for suitability. This should be completed by early November.

Infrastructure Planning

The Proposed Regional Plan for Northland submission was lodged in early November 2017. Evidence has been presented to the hearing panel on 28 August 2018. Additional work requested by the panel was submitted on the 28 September 2018. The commissioners will release the decision on 6 November.

Co-ordination of infrastructure group input to District Plan changes is continuing.

The team is continuing to review a steady stream of subdivision and land use consent applications that have a parks or infrastructure element and assessing consent conditions.

Planning assessment and consents are being prepared for projects requiring District and Regional consents.

Submission on Central Governments Independent Infrastructure Body proposal was completed on behalf of the Infrastructure Group.

Work has recommenced on the Tutukaka Reserve Management Plan. Research of the history and titles is complete, and a minor correction to formalise the road reserve area has been approved. Engagement with stakeholders will happen in the second half of 2018 to identify current issues and options for reserve use and development. Formal consultation processes will follow once a draft plan is prepared.

Recruitment is ongoing for the Infrastructure Planner position.

Landscape Architects

The team is very busy with various project designs including leading the concept design of Pohe Island Masterplan, Pohe Island Central Carpark, New Rally Road set-out and event day logistics, The New Town

Basin Park (Carpark to Park) Project, Whangarei Falls Amenity Upgrades, Potter Park Playground, Bank Street Paving refurbishment and Sandy Bay.

Project planning has begun on Pohe Island Destination Playground and the Skatepark upgrade. Consultation and design will commence early in the new year.

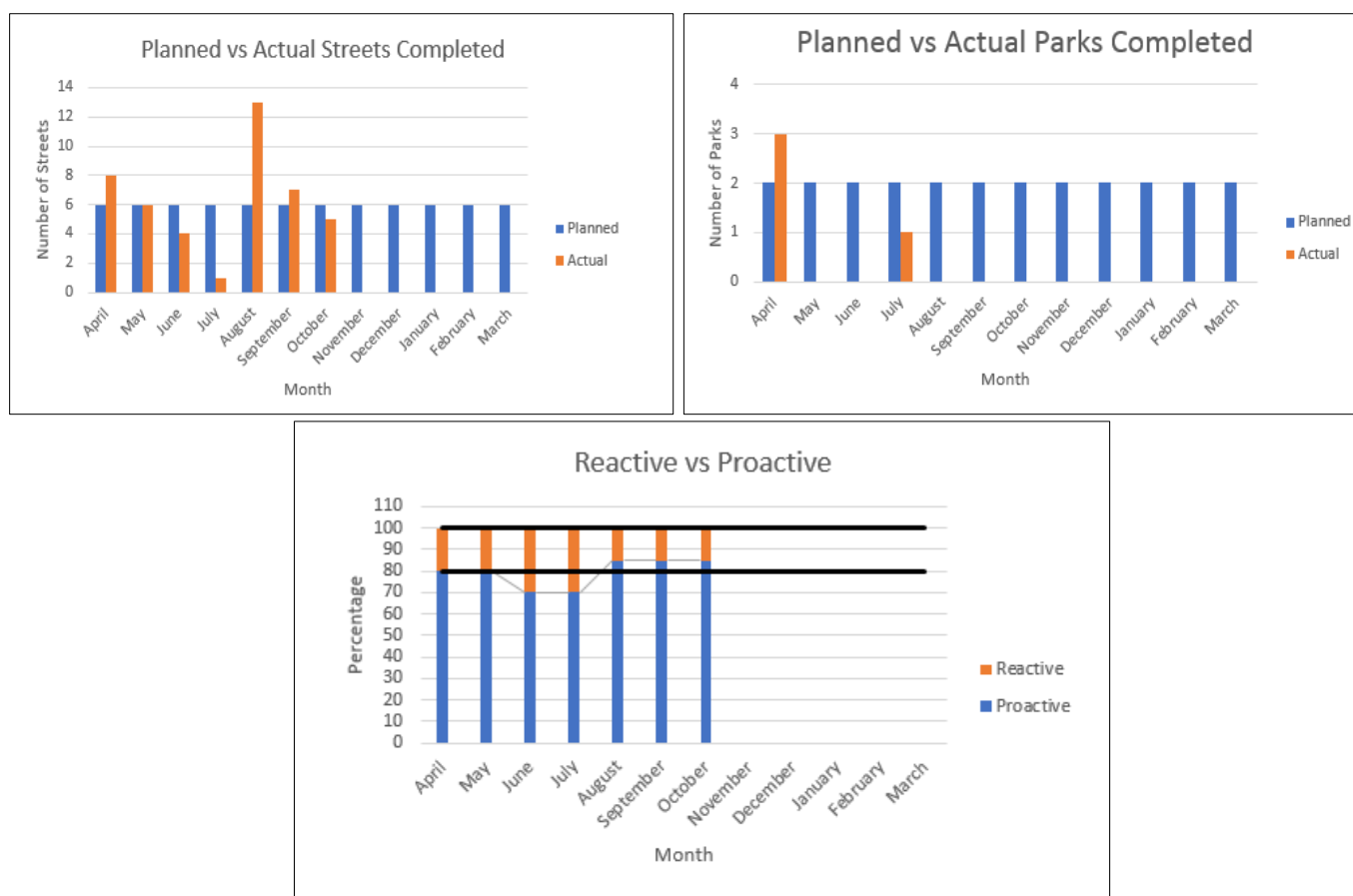
Parks and Recreation

Operational updates

Public Tree maintenance

The Contractor had a productive month with one full time crew operating throughout the month. Five streets were fully completed with others started but requiring completion. Most of these streets require external road traffic management.

Through October, the team operated at 85% proactive and 15% reactive with many CRM occurring at month end following strong winds. A big job removing numerous trees on the ANZAC road berm was completed along with the removal of a particularly dangerous tree on the Pentland Street walkway. Northpower have raised an issue with the wattle trees along Hill Street Onerahi which requires liaison with Roding colleagues. A cut trim notice for Kiripaka Road has been received from Northpower.



Walking Track maintenance:

The Matapouri Headland Track has eroded quite badly this past year, leading to water running down the center, which in turn leads to even heavier erosion. This track is extremely well used and it is over seven years since it was upgraded. Surfacing materials will need to be carted across farmland to get there, so dry weather is essential. Reforming of the surface is all that is required.

The Boswell Track, Onerahi is now extremely popular with cyclists as well as walkers. The condition of this route at the Waimahanga Road end is poor with old box culverts now proud of the surface. These are potentially hazardous to cyclists particularly. It was hoped that NZTA funding would support upgrade work but it does not qualify and therefore will be met from the Parks budgets subject to end of year funds being available.



Raised box culverts along Boswell Track

Additional waymark posts are required in eleven locations. These have proven to be very successful and popular with walkers and suffered little damage at the hands of vandals. Help will also be provided for marking the beginning of each of the mountain bike tracks.

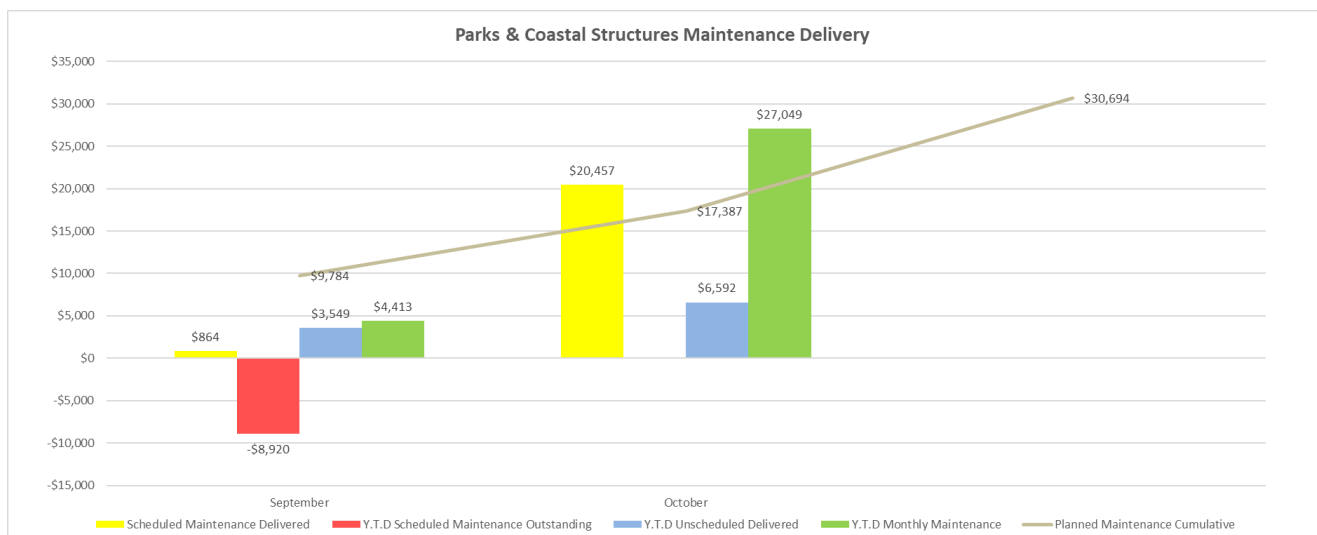
Coastal Structures

Scheduled maintenance is now ahead of the original program with repairs to sections of seawall at Hatea Dr, Aquatic Centre and Hihiaua. The Oakura beach access had a concrete overlay with some plant mix to aid in scour protection/transition. Lovers Lane bridge had rust protection to the main structural beams



Oakura beach access

An additional \$6.5k of unscheduled work was also completed in October.





Aquatic centre seawall received dry stacked repairs and backfilling at several locations

A mix of scheduled and unscheduled work is to be programmed leading up to Christmas, current sites are: Onerahi Beach Rd Pontoon/Parua Bay Jetty/Urquhart's Bay Wharf/Stuart Rd Pontoon/Waverly St Bridge.

Sports Fields

Relatively dry month, only 42.4 mm rainfall recorded, and lots of wind, typical of this time of year, has meant fields have dried out rapidly. Spring renovations on the grass wicket blocks were completed and block preparation started for the beginning of the season. Games started on artificial blocks at the beginning of October. Staff met with Northland Cricket Association representatives to discuss rationalising the artificial blocks at Tikipunga. The old number 2 block will be removed and replaced with a new one, with NCA providing the new mat. The old number 3 block is also to be removed at the end of this season. NCA replaced this block a couple of years ago in a new position and the old block was not removed at the time due to poor ground conditions.

Other spring renovation works have been ongoing comprising mainly of vertidrainage. Broadleaf weed spraying has been done on all Sportsfields, and staff have asked the contractor to also spray surrounds or non-active areas particularly on the main parks where Onehunga weed is prevalent.

Grass growth has been steady and mowing teams are fully occupied keeping ahead of it.

Average of audit results was 94% against a target of 90%.

Parks and Gardens

October's rainfall was below average with 42mm falling. This was the driest October in the last 5 years. The average temperature for the month (13.1C) was cooler than usual for October.

Horticulture: During the month the contractor was busy preparing their annual beds for the upcoming summer plantings. The Silverbeet removed from Laurie Hall has been donated to numerous food banks (including the Salvation Army and Soul Kitchen) as well as members of the public and has received good feedback on social media.

About half of the annual bed planting is completed, with the following sites having been planted: Town Basin sites, Dent St RA, Bank St RA, Cafler Park, Forum North, Port Rd, Laurie Hall (bed above path), James St and the Regent.

The rose beds in Cafler Park have also been freshened up with compost. In the Town Basin, the garden beds are being mulched including around the Art Park.

The spraying of broad leaf weeds in turf areas continued in October. The chemical Bow and Arrow has provided effective control of weeds such as Carrot and Onehunga.

The contractors mowing teams are trying to keep up with their regimes with the high growth period produced by the warmer days and the intermittent rainfalls. With the dry October, it is hoped the grass growth will slow down soon.

Freedom Camping frustrations have been growing throughout the month with a few coastal sites unable to be completely mown due to large camper numbers over the turf areas.

Over the past month, the contractor has begun painting our parks entrance signs with the new colour for the lettering (e.g. Shearwater St, Whau Valley Parklands, Snell Point, Mair Park and others). They have also been trialling new options for seats, including different timber options, e.g. decking timber vs. purple heart as well as different timber sizes and thicknesses.



Upgraded sign with new Council colours.

The concrete picnic table at Oakura were also installed.

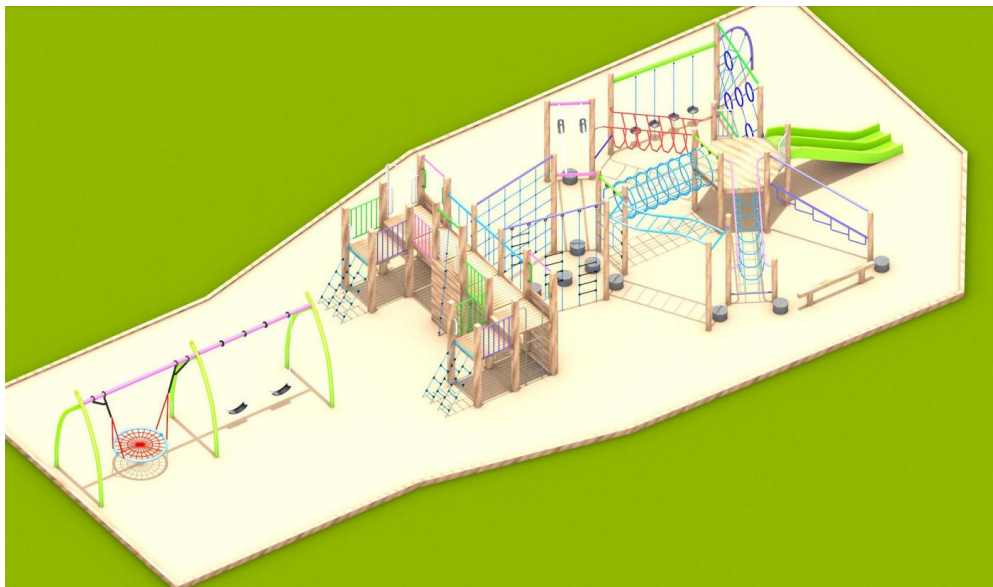
At Scott Road, a number of bollards were vandalised. New bollards and a new chain gate were installed further down the track

Playgrounds and Skate Parks

October saw a reasonable amount of damage to our playgrounds, this coinciding with the school holidays when our playgrounds have a higher use rate. We had broken swings at Laurie Hall Park and Te Paka Cres, a broken spring on the springy car at Town Basin, a broken seesaw at Sherwood Park and damaged mono rail and loose chain on clatter bridge at Otangarei playground.

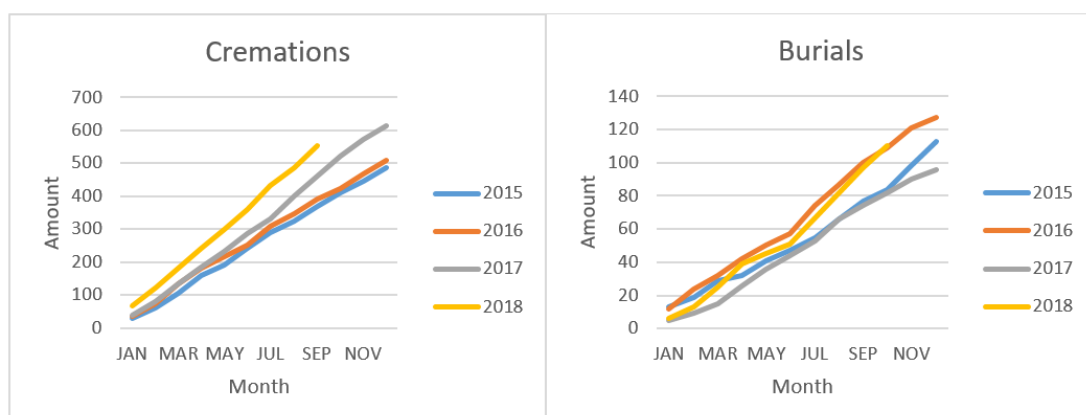
The shade sails will go up early next month across the District after Guy Fawkes.

A decision has been made on the design of the new playground at Potter Park. We are currently negotiating a couple of minor changes to the design and hope the playground will be installed in late March.



Design of new playground at Potter Park, Tikipunga.

Cemetery



Burials have slowed with 13 this month.

With spring comes weeds and the team have been struggling a bit to keep up. Two new cadets have started, and the pressure has been taken off somewhat and we are making inroads into controlling the weeds.

2 Burials have taken place only days apart in the family burials area, and we have been selling a good number of plots also. With an ash monument going up soon, this area will start to look like it's supposed to.

With the last lot of high winds, 2 trees came down across the neighbour's driveway, trapping the neighbour at home. As Council has an easement on this drive, we spent half an hour cutting them in half and pushing them to the side so the neighbour could leave, photo to the right.



Botanica

October visitor numbers: 1735

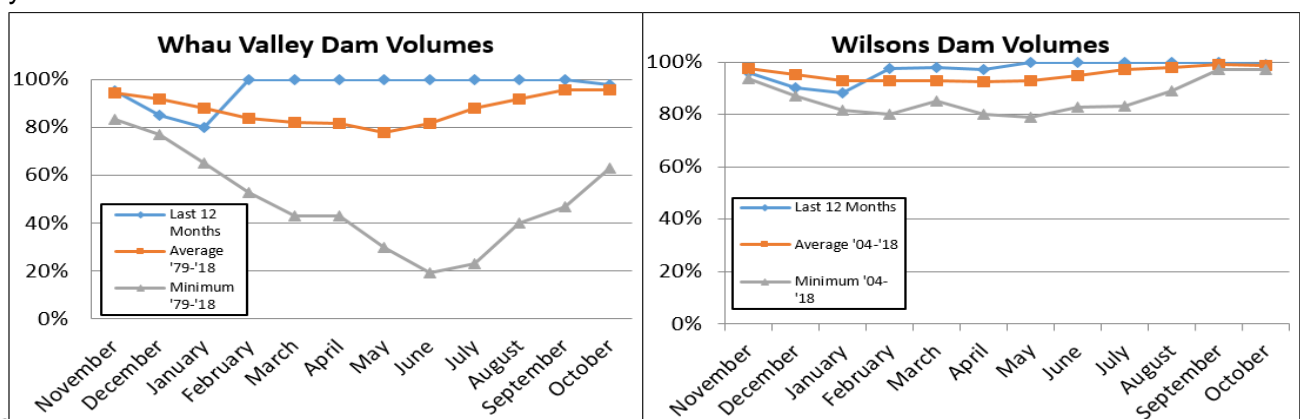
- 28/10 Stockholm Sweden "Very tranquil"
- 22/10 France "Beautiful garden. Quiet and Zen! Everything so lovely."
- 20/10 Awarua Kaikohe "Florals & ferns & Mirrors"
- 20/10 Auckland "Ahhhh! What beautifully kept, lovely plants. Restful, interesting, renewing. Thank you – loved the newspaper."
- 25/10 Whangarei "I had never seen filmy ferns – lovely"
- 3/10 Kamo "So proud to have this space. It's had amazing changes."

The team have done a wonderful job with the vege display in the foyer, photo to the right, showing different options for growing vegetables if you don't have a garden. Well worth a look.

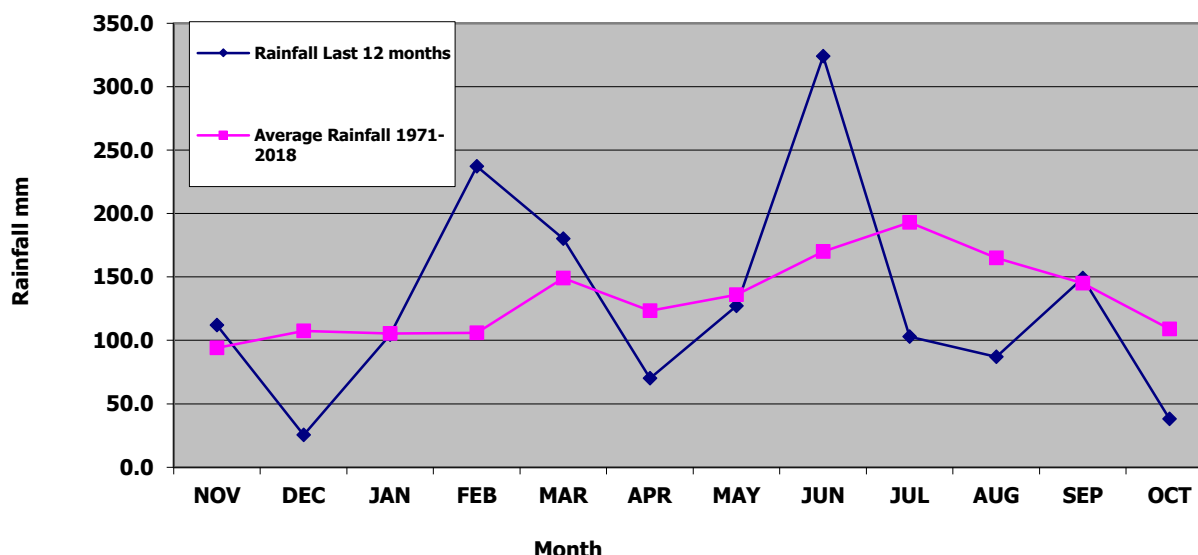
Water Services

Rainfall and Water Sources

38mm of rain fell at Whau Valley water treatment plant in October which is a lot lower than the monthly average of 109mm. Both Dams have dropped below 100% for the first time since winter but sit just above average for the time of year. Total rainfall for the year is close to average with over 1,400mm of rain having fallen so far. However, the dry start to spring and increased temperatures have seen river levels begin to drop quickly. The long-range forecast is for rainfall and river flows to be normal or below normal for the remainder of Spring and early Summer. There is a strong possibility of an El Nino weather pattern developing this year.



Rainfall - last 12 Months



Compliance

A power cut at Ruddells water treatment plant caused the UV system to shut down and the automatic valves to close. However, a programme issue allowed the valves to reopen when the generator started and before the UV reactor had reached full intensity. The timeframe over which this occurred was short and chlorine disinfection was working so the risk to the water supply was very low. Changes have been made to the programming to avoid this happening again. UV at the site was installed in 2004.

The Ruakaka network sampling regime returned an abnormal disinfection by product result during the month. Subsequent samples were normal and have raised concerns about the validity of the test result and investigations are ongoing to determine what could have caused this. Changes have been made to the treatment process as a precaution and to further reduce disinfection by product formation. Disinfection by products have the potential to cause health problems if consumed in large quantities over many years. A single high sample does not pose a risk but needs to be investigated. Water Services are working with the Drinking Water Assessor to determine if these two issues constitute non-compliances.

Capital Works

Work is complete on the detailed design for the new Whau Valley water treatment plant and the contract has been tendered. Tenders are due to close on December 11th. Work to replace the water main in Kings Street is complete and the replacement of the Corks Road main is well underway. This year's meter replacement contract has started and will run through to May. Design work is complete for the scrappers for the clarifiers at Ruakaka and it is hoped to advertise the contract in November. However, site works will not be undertaken until after the summer peak demand period.

Roading

Maintenance

This is the fourth month of the new contracts, and this month the sealed routine crew are now managing to keep up with identified works as our procedures begin to fall into line. The unsealed pothole crew and maintenance grader have a full programme of works ahead of them.

The tractor has been trimming the vegetation envelope in most areas this month, and has a list of sporadic work around the network which will require a lot of travel to meet the response times.

The focus for ordered works this month has been to get ahead of this years reseals program with pre-reseal repairs which commenced in October.

Pavement Rehabilitation and Seal Extensions.

Site investigation and design works for all 18/19 rehabilitation sites are underway and site walk overs have been completed with staff and contractors. The seal extension design for Wright Road is progressing with

the first of 4 sections being sealed in early November. A section stage is currently being prepared and hopefully will be sealed before Christmas. Asphalt renewal sites were completed on South End Ave, Gumdigger Place, McCathie and Marsden Point Road intersection and Raurimu Ave. Asphalt mill and fill pavement repairs were completed on Port Road, Riverside and Okara Drive. Various minor road-marking works were completed in the central area. Deep lift structural asphalt pavement repairs were also completed on specific areas of Riverside Drive.

Bridge Repair

18/19 bridge repairs programme has been finalised and design work started. With a target date of letting contracts prior to Christmas. The annual bridge inspection programme is underway and will be used to determine the bridge maintenance / scour protection works for 18/19.

LED Street Light Conversion

The V Category intersection lights has been included in the Twin Coast Discovery Highway lighting contract as a variation and is almost completed. There is one final light to be installed at the Bank/Manse/Mill intersection. The remaining 1,200 V-Category lights have been designed and we are awaiting the final drawings which should be received by mid-November. Given that there is a 3-4 month lead time, this will result in these lights arriving in February/March 2019. The installation of these lights is likely to be undertaken by June 2019. We are currently investigating using Auckland Transport's central management system (CMS) to control the new LED streetlights. This CMS system has been accepted by NZTA as being suitable.

Kamo Shared Path:

Stage 1 (CON16020 Rust Avenue to Cross Street) – complete

Stage 2 (CON16086 Cross Street to Kamo Road)

- SP 1 Cross Street to Wrack St – complete.
- Manse St / Lupton Ave intersection – complete.
- SP 2 Wrack St to Kensington Ave – complete.
- SP 2 Kensington Ave to Kamo Rd is due to be completed in November.
- The official opening of stages 1 & 2 will be held on the 8 December.

Stage 3 (Kamo Rd to Jack Street) and **Stage 4** (Adams Place to Fisher Terrace) has been awarded to Broadspectrum, works to start late November, with works to be complete mid-2019.

Stage 4b (Fisher Terrace Underpass) – Awarded to Broadspectrum

- KiwiRail 85% review was completed early 2019.
- Underpass construction is to take place during the Christmas railway shutdown (24th December 2018 to 2 January 2019).

Stage 5 (Fisher Tc to Kamo village)

- Design is nearly complete for future links to Kamo Village, Kamo Intermediate and Kamo High Schools.
- We are seeking additional funds from NZTA for this section, if approved we are aiming to tender early 2019.

Walking & Cycling Strategy – adopted by Council in October.

Waipu Walk & Cycle Trust

- Stage 2 Estuary View Heights to Waipu Cove – Physical works is planned for 2019, this involves some associated road works to be completed by Council.
- Stage 3 Riverview Place to Estuary View Heights – the missing link to connect Waipu to Waipu Cove. Route planning works has started with an aim to finalise the route by Christmas and implement next summer (2019-20).

Major Intersections

Porowini Avenue/Tarewa Road intersection improvements – Awarded to United Civil. Construction started in early September and originally programmed for completion in December. Delays associated with unexpected utility service issues are likely to defer completion to January/February 2019.

Porowini Avenue/Maunu Road intersection improvements – Demolition of 15 Maunu Rd enabling work contract awarded to Bowling Group is complete. Service relocation enabling works have been priced by service authorities and ready to implement ahead of main improvement works pending internal WDC approval - associated civils to support services enabling work currently being priced as potential variation

by two contractors (using existing contracts). The main improvement works have recently been endorsed in the NZTA Delegations Meeting and now awaiting final NZTA GM approval. The risk of undertaking granular pavement construction during winter period for the main improvement works has been identified, so the start of tender phase for the main contract is deferred to late Jan 2019 with a view to start works in May 2019. This will allow the structural component to be constructed during winter ready for civis in Spring without the need for two lots of de/mobilizations.

Maunu Road/Central Avenue intersection improvements – preliminary investigation stage, physical works planned for 2019-20. Property negotiations progressing.

High Risk Rural Roads (Low Cost/Low Risk Programme)

Murphy's Bend

- Short Term – surfacing & curve signage (2018-19)
- Long Term – design of curve realignment and shape correction (2019-20)

Gaurdail installations

- Vinegar Hill Rd (2018-19).
- Whangarei Heads Rd / Pepi Rd intersection (2018-19)
- Cove Rd, Waipu Cycleway Stage 2, (2018-19 or 2019-20) – dependent on property negotiations
- Mill Rd / Whareora Rd Intersection, (Design 2018-19, implement 2019-20)
- Corks Rd / Gillingham Intersection

Fisherman's Point (Whangarei Heads Rd)

- Short Term – survey and review curve shape & surface drainage (2018-19)
- Long Term – reshape curve and surfacing (2019-20)

Cove Rd Culvert Extension (Waipu Cycleway Stage 2).

High Risk Intersections (Safety), Review, design, implement

- Port Rd / Kioreroa Rd Intersection - improve markings and islands & road widening (2018-19)
- Kamo Rd / Kensington Ave Intersection – modify phasing
- Kamo Rd / Station Rd Intersection – improve capacity
- Bank St / Rust Ave Intersection – improve capacity
- Bank St / Vine St Intersection – improve capacity
- Five-Finger Roundabout & Walton Street – detailed review of crashes

Kamo Rd – signalised pedestrian crossing and upgrade to rail crossing (March 2019). (Kamo Shared Path)

Pedestrian Facilities - Hikurangi Township, Corks Rd, Hatea Dr (Rumoki St), Parua Bay (Kea crossing), Maungakarama School (Kea crossing)

Slow Streets – Keyte St and Churchill St (2018-19), First, Second and Third Avenues between Kauika Rd and Central Ave (2019-21).

Whangarei District Road Safety Promotion

Key Activities for October:

SAiD (Stop Alcohol Impaired Driving): In October 9 completed the programme, 30 ytd.

Drive Soba: 7 participants completed a programme In September. Two programmes running until 8 November and 7 December have 10 and 11 attending respectively.

Young Drivers Programmes: Contract negotiations are now all complete. October results are:

Ngatiwai : 9 Learners(16ytd), 3 restricted (8ytd)and 1 Full licence (2ytd).

People Potential: 16 Learners (53ytd) 9 Restricted (24ytd)3 Full (3ytd)

Key district issues

- Young Drivers
- Alcohol and/or drugs
- Speed
- Rural speed zone loss of control/head on
- Intersections

Restraints: The programme engaged 25 adults, 38 children, 29 seat checks and 7 installation corrections. We have been fortunate to secure a new person to be trained as a CRT

Speed: Working in conjunction with Far North Reap, the One Tear Too Many Cinema Advertising Speed video will screen on 4 screens in Whangarei for 6 months commencing 6 November. This is planned as a cross region programme gaining significant discount for all 3 districts participating.

RYDA: The Transport Agency is engaging in an external review prior to deciding whether to continue to fund this programme. An event was held at Barge Park with 17 from Tikipunga High and 9 from Christian Renewal.

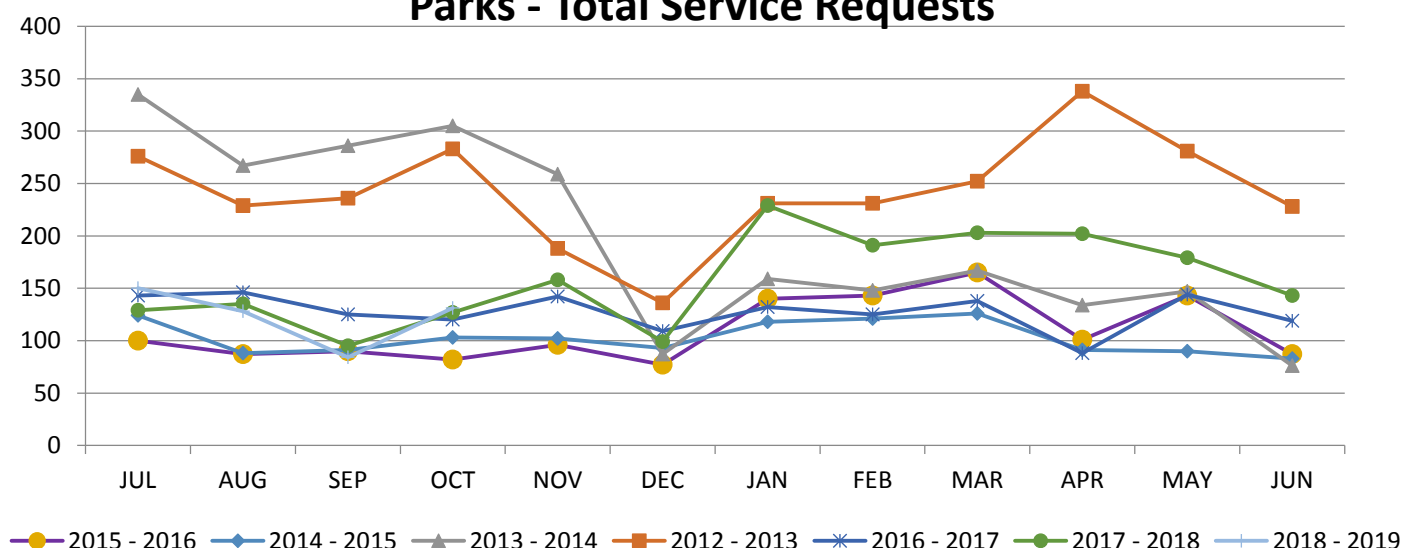
Northland Road Toll

Road Toll	Combined Total for all 2017	Total at end of Oct 2018	Northland SH Network Sept 2018	Northland Local Roads Sept 2018
Whangarei	14	14	9	5
Kaipara	5	3	2	1
Far North	22	10	7	3
Totals	41	27	18	9

Customer Request Management Services (CRMs)

The Infrastructure Group received a total of 1537 CRMs in the month of October 2018. 17,106 CRMs for 2018 to-date, with 28,852 CRMs in total for 2017.

Parks - Total Service Requests

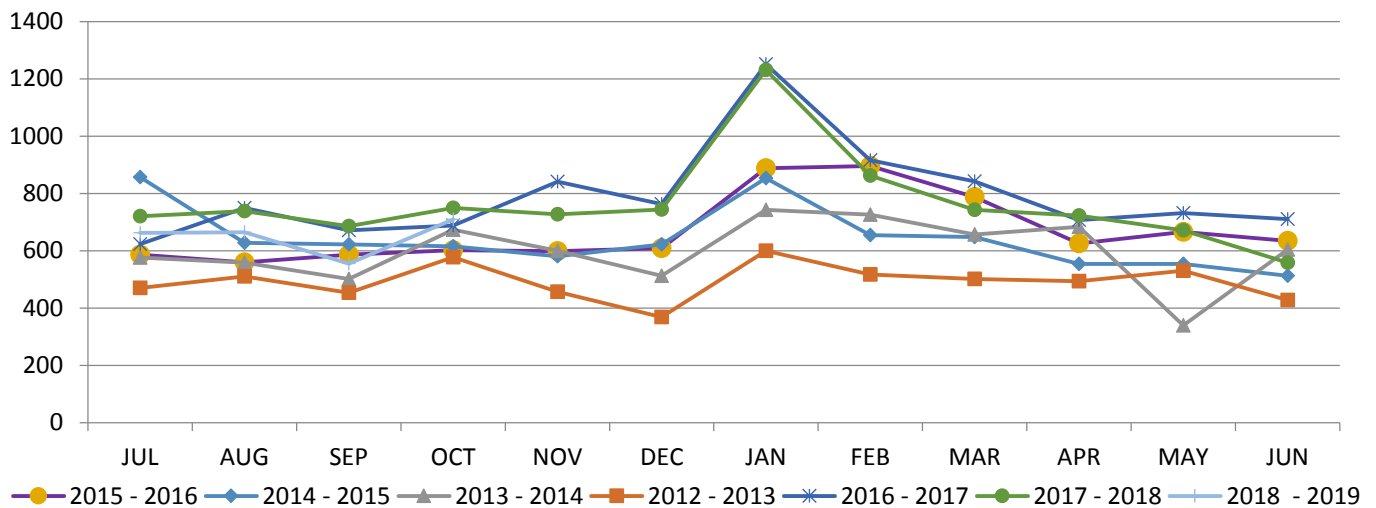


The Parks and Recreation team received 131 CRMs in October 2018. Feedback was received on one CRM and there was no dissatisfied feedback received for the month.

The top five CRM issues for our Parks and Recreation Department for the month of October were:

- General Parks queries- 41 (eg access to reserves, Drone requests etc)
- Tree and Street Tree queries- 23 (eg tree fallen over/branches down)
- Cemetery enquiries- 14 (Burial enquiries etc)
- Walkways- 6 (Issues on walkways)
- Mowing- 5 (Mowing of Parks and playgrounds)

Waste - Total Service Requests

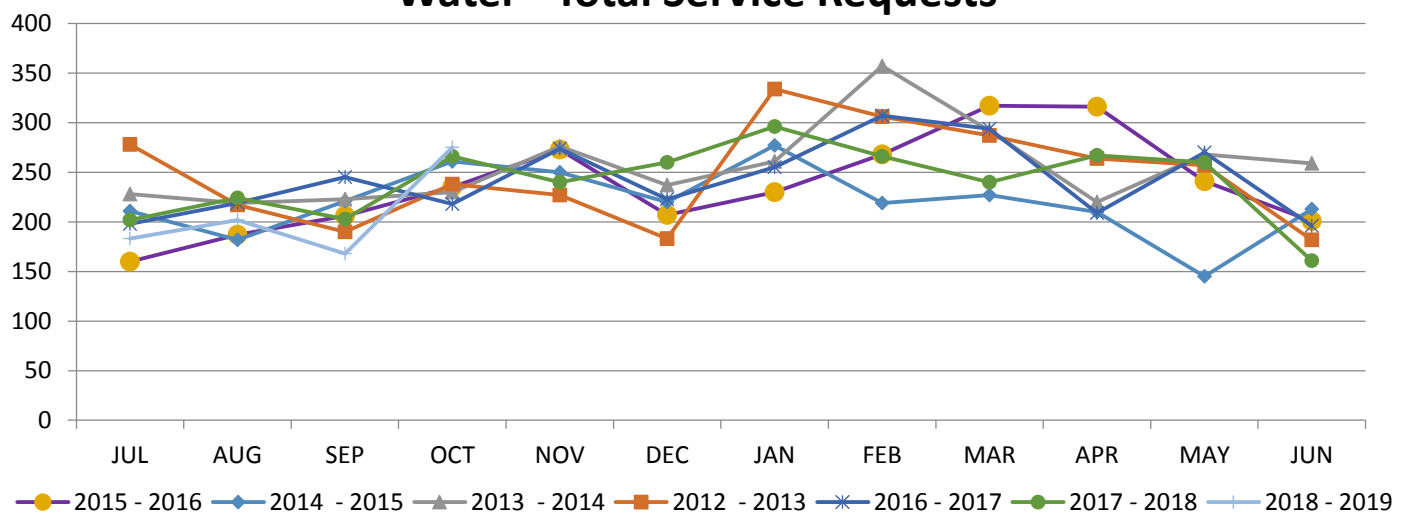


The Waste and Drainage Team received 709 CRMs in October 2018. There were 5 impressed CRMs recorded for the month. 2 instances of dissatisfied feedback were received.

The top five CRM issues for our Waste and Drainage Department for the month of October were:

- Rubbish Queries – 133 calls (non-collection, fly tipping etc)
- Public Toilet queries/complaints 71 (eg Soap dispenser empty).
- Recycling queries and complaints- 48 (eg Bin missed during collection)
- Sewer queries- 33 (eg blocked waste drain)
- Stormwater queries- 23 (eg blocked storm drain)

Water - Total Service Requests

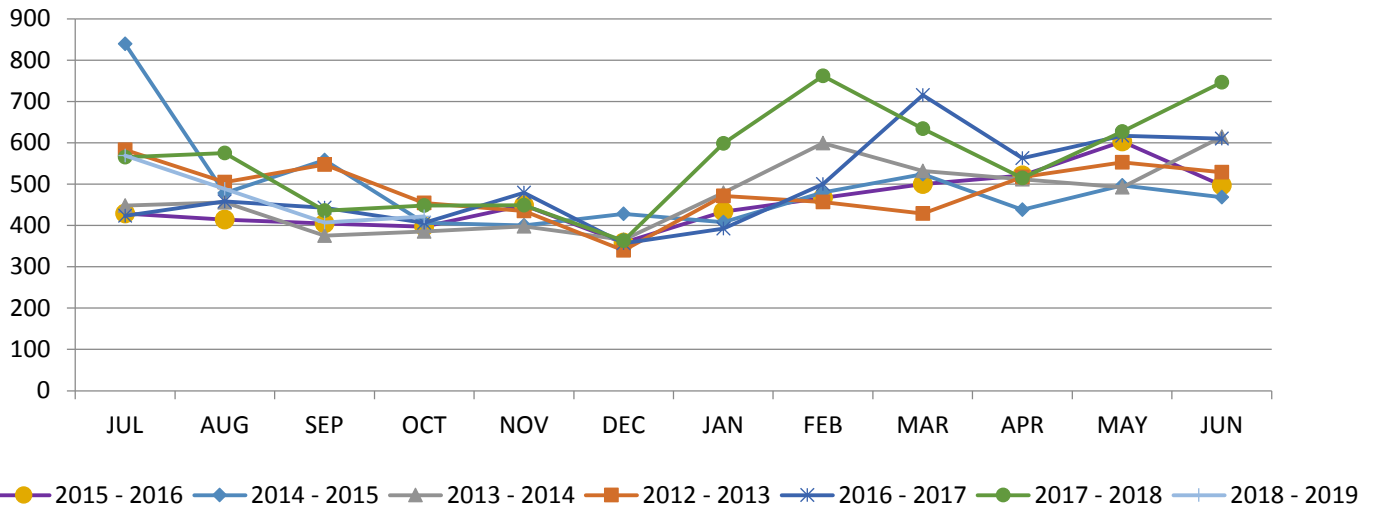


The Water team received 275 CRMs in October 2018. The Water Team received 12 impressed calls during the month. No instances of dissatisfied feedback were received.

The top five CRM issues for our Water Department for the month of October were:

- Water Leaks- 89 (Leak repairs or concerns)
- Meter Box Queries- 34 (New box, new meters)
- Water Pressure- 7 (Pressure issues)
- General Water Queries- 5 (Various other enquiries etc)
- No Water- 5 (Water supply not functioning)

Roading - Total Service Requests



The Roding Team received 422 Customer Service Requests in October 2018. There were 25 follow up calls made in the month of October 2018. One customer was dissatisfied. Eighteen customers found our service acceptable. Six customers were impressed by the Roding team and contractors.

The top five CRM issues for our Roding Department for the month of October 2018 were:

- 103 reports of Roding General E.g. General and Safety issues.
- 45 reports of Unsealed roads E.g. Maintenance grading and metal.
- 37 reports of Footpath issues E.g. Maintenance and repair of footpath.
- 34 reports of Maintenance issues E.g. General maintenance
- 29 reports of Trees and Vegetation E.g. Trimming trees and weed spraying.

RESOLUTION TO EXCLUDE THE PUBLIC

That the public be excluded from the following parts of proceedings of this meeting.

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under Section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

1.	The making available of information would be likely to unreasonably prejudice the commercial position of persons who are the subject of the information. {Section 7(2)(c)}
2.	To enable the council (the committee) to carry on without prejudice or disadvantage commercial negotiations. {(Section 7(2)(i))}.
3.	To protect the privacy of natural persons. {Section 7(2)(a)}.
4.	Publicity prior to successful prosecution of the individuals named would be contrary to the laws of natural justice and may constitute contempt of court. {Section 48(1)(b)}.
5.	To protect information which is the subject to an obligation of confidence, the publication of such information would be likely to prejudice the supply of information from the same source and it is in the public interest that such information should continue to be supplied. {Section 7(2)(c)(i)}.
6.	In order to maintain legal professional privilege. {Section 2(g)}.
7.	To enable the council to carry on without prejudice or disadvantage, negotiations {Section 7(2)(i)}.

Resolution to allow members of the public to remain

If the council/committee wishes members of the public to remain during discussion of confidential items the following additional recommendation will need to be passed:

Move/Second

"That _____ be permitted to remain at this meeting, after the public has been excluded, because of his/her/their knowledge of Item _____.

This knowledge, which will be of assistance in relation to the matter to be discussed, is relevant to that matter because _____.

Note:

Every resolution to exclude the public shall be put at a time when the meeting is open to the public.