

## Infrastructure Committee Agenda

**Date:** Thursday, 11 July, 2019

**Time:** 10:30 am

**Location:** Council Chamber  
Forum North, Rust Avenue  
Whangarei

**Elected Members:** 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 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.

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<b>2. Apologies</b>	
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## Infrastructure Committee – Terms of Reference

### Membership

**Chairperson:** Councillor Greg Martin

**Members:** Her Worship the Mayor Sheryl Mai  
Councillors Stu Bell (Resigned 1 April 2019), 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, 13 June, 2019  
**Time:** 10:30 a.m.  
**Location:** Council Chamber  
 Forum North, Rust Avenue  
 Whangarei

<b>In Attendance</b>	<b>Cr Greg Martin (Chairperson)</b> <b>Her Worship the Mayor Sheryl Mai</b> <b>Cr Gavin Benney</b> <b>Cr Vince Cocurullo</b> <b>Cr Crichton Christie</b> <b>Cr Tricia Cutforth</b> <b>Cr Shelley Deeming</b> <b>Cr Sue Glen</b> <b>Cr Phil Halse</b> <b>Cr Cherry Hermon</b> <b>Cr Greg Innes</b> <b>Cr Sharon Morgan</b> <b>Cr Anna Murphy</b>
<b>Scribe</b>	<b>C Brindle (Senior Democracy Adviser)</b>

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#### 1. **Declarations of Interest**

There were no declarations of interest made.

#### 2. **Apologies**

There were no apologies.

#### 3. **Confirmation of Minutes of Previous Infrastructure Committee Meeting**

##### 3.1 **Minutes Infrastructure Committee meeting held 9 May 2019**

**Moved By** Cr Sue Glen

**Seconded By** Cr Vince Cocurullo

That the minutes of the Infrastructure Committee meeting held on Thursday 9 May 2019, 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. Information Reports

##### 4.1 Contracts Approved Under Delegated Authority - June 2019

**Moved By** Cr Shelley Deeming

**Seconded By** Cr Sharon Morgan

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

*On the motion being put Cr Halse called for a division:*

<b>Recorded</b>	<b>For</b>	<b>Against</b>	<b>Abstain</b>
Cr Greg Martin	X		
Her Worship the Mayor	X		
Cr Gavin Benney	X		
Cr Vince Cocurullo		X	
Cr Crichton Christie	X		
Cr Tricia Cutforth		X	
Cr Shelley Deeming	X		
Cr Sue Glen		X	
Cr Phil Halse		X	
Cr Cherry Hermon	X		
Cr Greg Innes	X		
Cr Sharon Morgan	X		
Cr Anna Murphy	X		
<b>Results</b>	<b>9</b>	<b>4</b>	<b>0</b>

**The motion was Carried (9 to 4)**

##### 4.2 Infrastructure Operational Report - June 2019

**Moved By** Cr Sue Glen

**Seconded By** Cr Sharon Morgan

That the Infrastructure Committee notes the Infrastructure Operational Report update.

**Carried**

**5. Public Excluded Business**

There was no business conducted in public excluded.

**6. Closure of Meeting**

The meeting concluded at 11.30am

Confirmed this 11<sup>th</sup> day of July 2019

Councillor Greg Martin (Chairperson)





## 4.1 Contracts Approved Under Delegated Authority

**Meeting:** Infrastructure Committee  
**Date of meeting:** 11 July 2019  
**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

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**

<b>1. Roading</b>	
CON17026	Variation: LED Streetlight Conversion – Northern Installation Package (P Category)
CON19028	Te Matau a Pohe – Crash Barrier Light Upgrade – Luminaire Supply
<b>2. Waste and Drainage</b>	
CON18088	Stormwater CCTV Inspection Program

### 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 July 2019



## 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 Roding

CON19028

Te Matau a Pohe – Crash Barrier Light Upgrade – Luminaire Supply

#### Introduction

The 266 crash barrier lights for the iconic Te Matau a Pohe bridge were specified by UK lighting specialists Speirs and Major as part of the overall construction contract. Speirs and Major provided a short list of suitable luminaires for use in the construction. The construction of the bridge electrical systems, including the lights, were part of a design build subcontract let to McKay Ltd. During the McKay Ltd design build process, it was identified that an alternative Chinese Neo Neon luminaire, which appeared to meet the required specifications, could be used at a lower price. This change was accepted by Council.

The Te Matau a Pohe bridge was opened in July 2013. Approximately a year after the bridge was opened, issues started occurring with the crash barrier lights that illuminate the roadway over the bridge. Lights started flickering and going out.

McKay Ltd undertook extensive investigation of the issues causing the lights to flicker and fail. This included sending samples back to the Chinese supplier for analysis. It was identified that the LED driver unit was failing and starting in October 2015 the crash barrier lights were removed and sent overseas to the Chinese supplier for them to be refurbished with upgraded drivers. By about June 2016, all 266 of the lights had been refurbished and reinstalled.

Approximately a year after the lights were reinstalled, they again started to flicker. Over the last 2 years we have progressively removed flickering lights and swapped these for lights that were not flickering. Currently there are over 40 lights that have been removed through this process.

In early 2018, the Roding Department approached lighting designers to identify a new suitable and reliable luminaire to replace the old Neo Neon luminaires. Unfortunately, due to the unique nature of these crash barrier lights and the impact of the LED streetlight roll-out on lighting design resource, we were unable to secure the services of a New Zealand based lighting designer to carry out this work.

Because of this, in late 2018, we approached the original lighting designers Speirs and Major to identify a new luminaire. Speirs and Major were engaged in November 2018 to carry out this work.

#### Procurement Process

Speirs and Major have gone through a rigorous process to identify a new suitable luminaire. They initially identified 12 luminaires from 11 suppliers around the world that would potentially be suitable. An assessment of technical details narrowed this number of suitable luminaires to 9. Lighting models were used to assess these 9 luminaires against the required lighting outputs and this further narrowed the number of suitable luminaires to 6.

Luminaire samples and prices for these luminaires were sought from the relevant suppliers. The luminaire samples were tested to confirm whether the light output would achieve the required standard.

In March 2019, based on the test results and pricing information, Speirs and Major shortlisted 3 suitable luminaires, plus one alternative luminaire for Council to consider. The shortlisted suppliers were (in priority order):

1. We-ef from Germany
2. Selux from France
3. Lumenpulse from Canada
4. Meyer from Germany (alternative)

Speirs and Major recommended that Council approach the local agents for these luminaires to confirm the pricing and to obtain samples which could then be tested on the bridge.

### ***Tenders Received and Evaluated***

Prices were sought from the following local agents for the shortlisted suppliers:

- Mark Herring Lighting Ltd agents for We-ef (NZ based)
- Selux (Australian Office)
- Energylight agents for Lumenpulse (NZ based)

It was decided that the Meyer product would not be suitable because it had an external louvre which would clog up with road dust and would be vulnerable to damage. The other luminaires had internal louvres. Because of this the Meyer luminaire was not priced.

The prices obtained from these suppliers were as follows:

<b>Tender</b>	<b>Tender Price (excluding GST)</b>	<b>Lead Time for Luminaires</b>	<b>Luminaire Warranty Period</b>
Mark Herring Lighting Ltd agents for We-ef	\$452,416.00	12 weeks	10 years
Mark Herring Lighting Ltd agents for We-ef (Bluetooth dimmable option)	\$540,426.00	12 weeks	10 years
Selux	\$469,800.00	12-14 weeks	2 years
Energylight agents for Lumenpulse	\$487,826.05	8-10 weeks	5 years
Energylight agents for Lumenpulse (10 year warranty option)	\$573,913.00	8-10 weeks	10 years
Engineer's Estimate	\$495,626.00		

The Mark Herring Lighting Ltd (agents for We-ef) tender was the lowest priced tender and had the longest standard warranty (10 years). The We-ef luminaire was also Speirs and Majors preferred luminaire.

A sample of the We-ef luminaire was received and tested on site. This luminaire provided an excellent performance.

The Bluetooth dimming option for the We-ef luminaire was used during the test to determine the appropriate level of dimming to use. Because the luminaires can be set to a certain dimming level in the factory, it is not considered necessary to purchase the Bluetooth dimming option as there is unlikely to be a significant long term benefit in having this function. It should be noted that the standard We-ef luminaire is still dimmable, but will require control cables fed to it to use this function.

On the basis of the above, it is proposed that the Mark Herring Lighting Ltd tender for the standard We-ef luminaire be selected.

### **Financial**

The Mark Herring Lighting Ltd tender for the standard We-ef luminaire has a tender price of \$452,416.00 (excluding GST) and is 9% lower than the Engineer's Estimate.

This work will be funded from the Roading Department's 3 Year Low Cost Low Risk Improvements (Minor Improvements) budget of which has been approved by NZTA.

### **Chief Executive Approval**

That CON19028 for the Te Matau a Pohe – Crash Barrier Light Upgrade – Luminaire Supply be awarded to Mark Herring Lighting Ltd for a price of \$452,416.00 (Four hundred and fifty-two thousand, four hundred and sixteen dollars and zero cents) excluding GST.

## **2.0 Waste and Drainage**

CON18088  
Stormwater CCTV Inspection Program

### **Introduction**

Council's stormwater renewals program to date has been largely based on reactive scheduling following the identification of defects. We are endeavouring to develop a more predictive approach using strategic asset management principles. Predictive renewal planning requires up-to-date condition data based on CCTV inspection evidence. However, as only about 8% of the network has been assessed, our existing condition data is of low confidence. Better CCTV data will help us prioritise pipe renewals, upgrades and maintenance, ensuring the stormwater system operates efficiently.

An annual budget of \$100,000.00 has been provided in the 2018-2021 Long Term Plan for condition assessments for the stormwater system and we are now in the process of planning the CCTV inspection program. The condition assessment plan is estimated to come to around \$30,000.00, with the remainder of the annual budgets to be spent on CCTV inspections over the next 3 years.

The overall aim of the project is to improve the knowledge of the condition of the stormwater network to improve asset management and assist in renewals planning.

The specific objective of the project is to:

- Improve the accuracy and coverage of condition data for the stormwater reticulated network
- Improve the accuracy of other stormwater asset data

### **Procurement Process**

The contract was advertised as an open tender for four weeks using Council's Tenderlink portal.

### **Tenders Received and Evaluated**

We received three submissions from Broadspectrum, Hydrotech and Intergroup. Selection of the candidates was on a price attributes basis, with submissions assessed by a tender evaluation team.

Hydrotech scored highest using an evaluation methodology that rated experience (30%), methodology (20%) and price (50%). They also satisfied Council's health and safety requirements.

			Tenderer Scores					
Tendering Company			Broadspectrum		Hydrotech		Intergroup	
Tender Price			261,220.00		269,240.00		358,323.00	
Attribute	Details	Weighting	Score	W x S	Score	W x S	Score	W x S
Experience	components, and their specific experience with your proposed methodologies. Approximate hours for specific roles	30	65.00	19.50	77.50	23.25	77.50	23.25
Methodology	Detailed project methodology	20	40.00	8.00	70.00	14.00	77.50	15.50
		0	0.00	0.00	0.00	0.00	0.00	0.00
Attribute Totals		50		28		37		39
Price	rates for key personnel, plus all other fees	50	53	27	50	25	17	9
Overall Total		100		54		62		47

### Financial

There is existing budget for this project under LTP project Stormwater asset data improvement.

### General Manager Approval

That CON18088 for Stormwater CCTV Inspection Program be awarded to Hydrotech for the tendered sum of \$270,000.00 (Two hundred and seventy thousand dollars and zero cents) excluding GST.

## 4.2 Infrastructure Operational Report – July 2019

**Meeting:** Infrastructure Committee  
**Date of meeting:** 11 July 2019  
**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 Operational 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 summary of Infrastructure operational highlights during May/June 2019.

### 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 Operational Report – May 2019





## ***Infrastructure Group***

# ***Monthly Operational Report***

**May 2019**

## Infrastructure Monthly Operational Report

Reporting Officer: Simon Weston (General Manager Infrastructure)

Date: July 2019

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## Projects Overview

### Infrastructure Planning & Capital Works

Planning & Capital Works Projects	Current Stage	Expected Start Date	Expected Completion Date
<b>Major Projects - Sense of Place</b>			
New Town Basin Park	Design	2017	Jul-19
Camera Obscura (3rd party project)	Construction	Oct-19	Apr-20
Bascule Carpark	Construction	Mar-19	Aug-19
Car Park on Pohe Island	Construction	Jan-19	Jul-19
<b>Major Projects - Parks &amp; Recreation</b>			
Matapouri Beach Restoration	Consenting	Feb-19	Oct-19
Princes Road Seawall Renewal	Consenting	Mar-18	Jul-19
Otaika Sports Park Field Construction	Construction Stage 2	Nov-18	Apr-20
Laurie Hall Park Asset Renewals	Construction	Jan-19	Jun-19
Ruakaka Sports Field Lighting	Construction	Apr-19	Jun-19
Potter Park Playground	Construction	Apr-19	Jun-19
Laurie Hall Park Waterfall Refurbishment	Detailed Design	Feb-19	Jun-19
Mackesy Bush Track Renewal	Construction	Apr-19	Aug-19
Ngunguru Seawall Renewal	Consenting	May-19	On Hold
Dog Park Drainage	Practical Completion	Feb-19	May-19
Ngunguru Youth Activity Zone	Procurement	Jun-19	Aug-19
Parihaka War Memorial Refurbishment	Construction	Jul-19	Sep-19
Pohe Island Destination Playground	Design	Mar-19	Jun-19
Pohe Island Skate Park	Design	Mar-19	Jun-19
Town Basin Playspace Renewal	Design	Mar-19	Jun-19
Hikurangi and Hukerenui Sportsfield Drainage	Construction	Oct-19	Dec-19
<b>Major Projects - Water</b>			
Whau Valley Water Treatment Plant	Construction	Mar-19	Oct-20
Ruakaka WTP Clarifier Upgrade	Construction	Mar-19	Dec-19
<b>Major Projects - Waste &amp; Drainage</b>			
Teal Bay Stormwater Upgrade	Practical Completion	Feb-19	May-19
Whangarei WWTP Odour Control	Detailed Design	Mar-19	Jul-19
<b>Major Projects – Compliance &amp; Regulatory</b>			
New Animal Shelter	Assessing new site	2018	July-19
<b>Major Projects - Strategy</b>			
Complete Streets Masterplan – Whangarei City	Professional Services	Feb-19	Sep-19
<b>Major Projects – Venues &amp; Events</b>			
NEC Lighting Upgrade	Investigation	Apr-19	May-19
	Professional Services	Jun-19	Aug-19

## Waste and Drainage

Waste and Drainage Projects	Current Stage	Expected Start Date	Expected Completion Date
Hikurangi Sewer Rehabilitation Stage 2	Construction	Feb-19	Oct-20
Tarewa Rd/SH1 Sewer Crossing Stage 2	Construction (by NZTA)	Jun-19	Dec-19
Riverside Dr/Pohe Island Sewer Rising Main Replacement	Design & Planning	Mar-19	Jul-19
Timangi St-Ruakaka Sewer Renewal	Construction	May-19	Jul-19
Leith Catchment Sewer Rehabilitation	Construction	Apr-19	Jun-19

## Water

Water Projects	Current Stage	Expected Start Date	Expected Completion Date
Water Treatment Plant Upgrades	Complete	Sep-19	Jun-19
Meter Replacement Contract 2018/19	Complete	Nov-19	Apr-19
Reticulation Programmed Works 2018/19	Complete	Sep-19	Jun-19
Minor Projects - Emergency Works	Construction	May-19	Oct-19
SCADA Upgrade	Construction	May-19	Jun-20

## Roading

Roading Projects	Current Stage	Expected Start Date	Expected Completion Date
LED Street Lighting – Twin Coast Discovery Upgrade	Complete	Nov-17	Dec-18
LED Street Lighting – Supply and Installation (V Category)	Construction	Jul-19	Jun-20
CON17091 Porowini/ Tarewa Intersections Improvements	Construction	Complete	Complete
Vinegar Hill Road Safety Improvements	Construction	May-19	Dec-20
CON18047 Maunu Rd / Porowini Ave Intersection Improvements	Construction	Jun-19	Jan-20
Road Safety Promotion (2019-21)	Tender	Dec-19	Jul-19
Bike Skills Training	Award	Mar-19	May-19
CON18012 KSP Stage 4b (Fisher Tc Underpass)	Construction	Sep-18	Aug-19
CON17056 KSP Stage 3 & 4 SP1 (Kamo Rd to Puna Rere Dr)	Construction	Nov-18	Oct-19
CON17056 KSP Stage 3 & 4 SP2 – (Jack St to Fisher Tc)	Construction	Dec-18	Dec-19
Te Matau a Pohe Road Light Replacement	Procurement	Mar-19	Jun-19
Inner CBD Transport Model	Design	Dec-18	Jun-19

## Infrastructure Planning & Capital Works

### Major Capital Projects

An update on key projects managed by the team are as follows:

#### Major Projects - Sense of Place

- **New Town Basin Park:** The detailed engineering design is well underway. The procurement of an artist to design the central art piece is due to be completed in June. The Expression of Interest for the physical works contractor is advertised on Tenderlink. The team are continuing to work closely with both internal and external stakeholders. Physical works will occur in parallel with construction of Hundertwasser Art Centre with Wairau Maori Art Gallery project. Construction of the new park will start in early 2020, with completion in late 2020.
- **Camera Obscura:** The external project team now have advised that most of the funding for the construction of a camera obscura on Pohe Island has been obtained. WDC has agreed to funding to underwrite inflation that may have taken effect (especially for the labour rates) since November 2017 when funding was first approved by Council. Construction is anticipated to start in October 2019 and take five to seven months. This year's WDC landscape funding will be carried forward into the 2019/20 financial year.
- **Complete Streets Masterplan –** Briefing held with council 13 June. Feedback received and incorporated into working document where possible. Planning for consultation and development of the design palette now underway.
- **Pohe Island Central Carpark, William Fraser Memorial Park:** Construction began early January. All power and fibre ducting and cables are installed. All stormwater pipes, manholes and raingarden construction is complete, kerb and channel is complete and the first parking lane is ready for sealing. Rock and tree pits and the paths connecting the loop walkway to the carpark and beyond are complete.
- **Basculer Carpark –** Construction of the park section of the Basculer carpark area has started. Work will start on the sealed carpark area with completion planned for August 2019. Separable portions covering lighting, CCTV and park furniture have now been awarded, with installation underway. The coffee shop outlet will remain open for the duration of the construction.
- **Pohe Island Destination Playground, Skate Park and Public toilets:** Design is underway with physical works planned for 2019/2020.

#### Major Projects - Parks & Recreation

- **Matapouri Beach Restoration:** Peer review of the engineering design is complete and comments were addressed. Community consultation is complete and the consent application with Northland Regional Council (NRC). NRC publicly notified the application. The consent hearing originally scheduled for 22 July 2019 has been moved further out to accommodate availability of experts.
- **Princes Road Seawall:** The design for Princes Road seawall has been updated based on feedback from the Engineer and Arborist. The team are working on getting the new design out to all stakeholders and applying for consents from NRC and WDC.
- **Ngunguru Seawall Renewal:** Detailed design for Stage 2 along Ngunguru Road frontage is complete and has incorporated some items gathered from the community feedback. Resource Consent has been lodged with NRC earlier this year. Following comment from the Department of Conservation an additional coastal assessment report was prepared and submitted in April 2019. Feedback has indicated that any coastal reclamation is highly unlikely to receive consent. Options are being considered. Unspent funding will be carried forward into the new financial year.
- **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 has been lodged. Some of the car park site is managed by DOC and a concession has been applied for. DOC have requested additional information including an Ecological Impact Assessment which has now been received. Clarification is being sought from NRC on information to be included in the Coastal Processes Assessment.

- Otaika Sports Park Field Construction: Construction of stage 1 which includes two new sports fields, lighting, irrigation and drainage is completed, and the fields are now in use for the winter season 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. Stage 2 fields will be ready for the following winter season April 2020.
- Ruakaka Sports Field Lighting: Most the work has been completed with work planned for June to include Northpower to upgrade the connection, testing and adjustments of the lights and minor defects remediation.
- Laurie Hall Park Asset Renewal: The park opened successfully for ANZAC Day however some remaining items are taking longer to arrive in the country such as light poles and they are planned to be installed over the next month.
- Laurie Hall Park Waterfall: The detailed design is underway for the redesign of the waterfall area in Laurie Hall Park. The geotechnical Investigation has been completed.
- Potter Park, Tikipunga - Steve Bowling Contracting has completed the civil works, this is due for completion early June 2019. Playground and shade sail installation will begin following consent approval and civil works completion.
- Ngunguru Youth Activity Zone – Concept design completed and presented to the community and sports complex AGM. The community have been generally supportive. Changes to layout now finalised. Procurement for detailed design and construction support professional services underway. Construction planned for November.
- Mackesy Bush Track Upgrade – Physical works on the tracks is well underway. Some delays have occurred due to the recent wet weather.
- Parihaka War Memorial Refurbishment – Project split into 3 Phases. Phase 1 – restoration of monument, cenotaph modifications and electrical/lighting upgrade is now underway with site works planned for August. Phase 2 Design of steps and planter/wall complete.
- Hikurangi and Hukerenui Sports field Drainage: The Physical work contracts have been awarded to Tractors Ag and Turf. Construction work will begin between October and December 2019.
- Town Basin Playground Renewal: Design is underway in conjunction with Pohe Island to ensure that complementary activities are provided in each playground.
- Town Basin Wharf Renewal: condition assessment has been undertaken for the wooden wharf nearest the canopy bridge, and has found that some of the piles need to be replaced. Renewal works are planned to start in February 2020 when a barge is available.

### Major Projects - Water

- New Whau Valley Water Treatment Plant – Construction contract was awarded to Broadspectrum on 7 February 2019. Earthworks commenced in March 2019. Building consent was granted in May 2019. Construction is estimated to take 20 months, and physical works are due for completion in October 2020. Commissioning of plant is planned immediately after completion. However, the dam needs to be full, and commissioning cannot be too close to Christmas and the peak demand period. Risk is that commissioning has to wait until mid-2021.
- Ruakaka WTP Clarifier Upgrade: Design finalisation, shop drawing development and hardware procurement ongoing. Site works expected to begin August 2019, after high demand period ends. Equipment due to arrive in NZ August 2019. Construction expected to continue until December 2019.

### Major Projects - Waste & Drainage

- Whangarei WWTP Odour Control: Detailed design has commenced for odour control to be installed in the process units which are contributing to off-site odour – includes equalisation basin, sludge tanks and the inlet works.

### Major Projects - Compliance & Regulatory

- New Animal Shelter: WSP Opus have been engaged to undertake a due diligence assessment on a new site.

### Major Projects – Venues & Events

- Northland Events Centre (NEC) Lighting Upgrade: Whangarei District Council was successful with their bid to host the 2021 Women's Rugby World Cup in July 2021. The existing lights require upgrade to meet New Zealand Rugby (NZR) flood light lux levels for the field of play. A structural analysis undertaken has confirmed that the existing

towers are structurally safe for the medium term. Maintenance works to secure the light fittings was completed in May / June. A professional services consultant specialised in sports fields lighting has been engaged to assist with the project. The physical works are proposed to be tendered out in September 2019.

### **Infrastructure Planning**

The Proposed Regional Plan for Northland (PRPN) submission was lodged in early November 2017, with evidence presented at the 28 August 2018 NRC hearing. A review was undertaken of the decision version of the PRPN and discussions were had with the Far North District Council and Kaipara District Council to prepare a joint submission if required. Legal counsel was engaged to review any potential submission. It was determined that WDC and FNDC would not pursue an appeal, but would join any appeals as a s274 party.

WDC Designations Plan Change has been approved by Council and we are awaiting notice as the Requiring Authority to accept the recommendations.

The WDC Trees Plan Change has completed its appeal period. WDC Infrastructure is supporting the District Plan Team in provided technical advice on the impact of any appeal.

The WDC Urban and Services Plan Change is currently out for submissions. Infrastructure Planning are compiling a submission based on the requirements of the operational functions of the infrastructure department. This is being done in conjunction with the District plan team as part of fixing errors and omissions from the original drafting and reviews.

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. The quality of landscape information is noted to have declined within the applications.

Planning assessments and consents are being prepared for capital projects requiring District and Regional consents including the New Town Basin Park, Pohe Island Playground, and the Ngunguru Skatepark.

Work has recommenced on the Tutukaka Reserve Management Plan. Engagement with stakeholders will happen in 2019 (subject to resource availability) to identify current issues and options for reserve use and development. Formal consultation processes will follow once a draft plan is prepared.

### **Landscape Architects**

The New Town Basin Park project detailed design specifications and construction documentation is being prepared. A team of consultants are working in parallel with the landscape architect team to deliver full construction documentation. The team are also managing the artist sculpture for the main feature piece.

Community consultation has been undertaken by the team for both the 'Refurbishment of the Town Basin Playground' and the 'New Destination Playground on Pohe Island'. Internal workshops have been run with staff and designers. Site-massing plans have been reviewed and we are expecting concepts in the coming weeks.

Consultation for the Pohe Island Skatepark Upgrade has been undertaken on Monday 6 May with an excellent turnout and great feedback. Draft concepts have been reviewed and we are expecting a refined concept in the coming weeks. Involvement in various other projects including the City Centre Plan, Parihaka War Memorial, Ball Clock, Camera Obscura and Ngunguru Skatepark are ongoing.

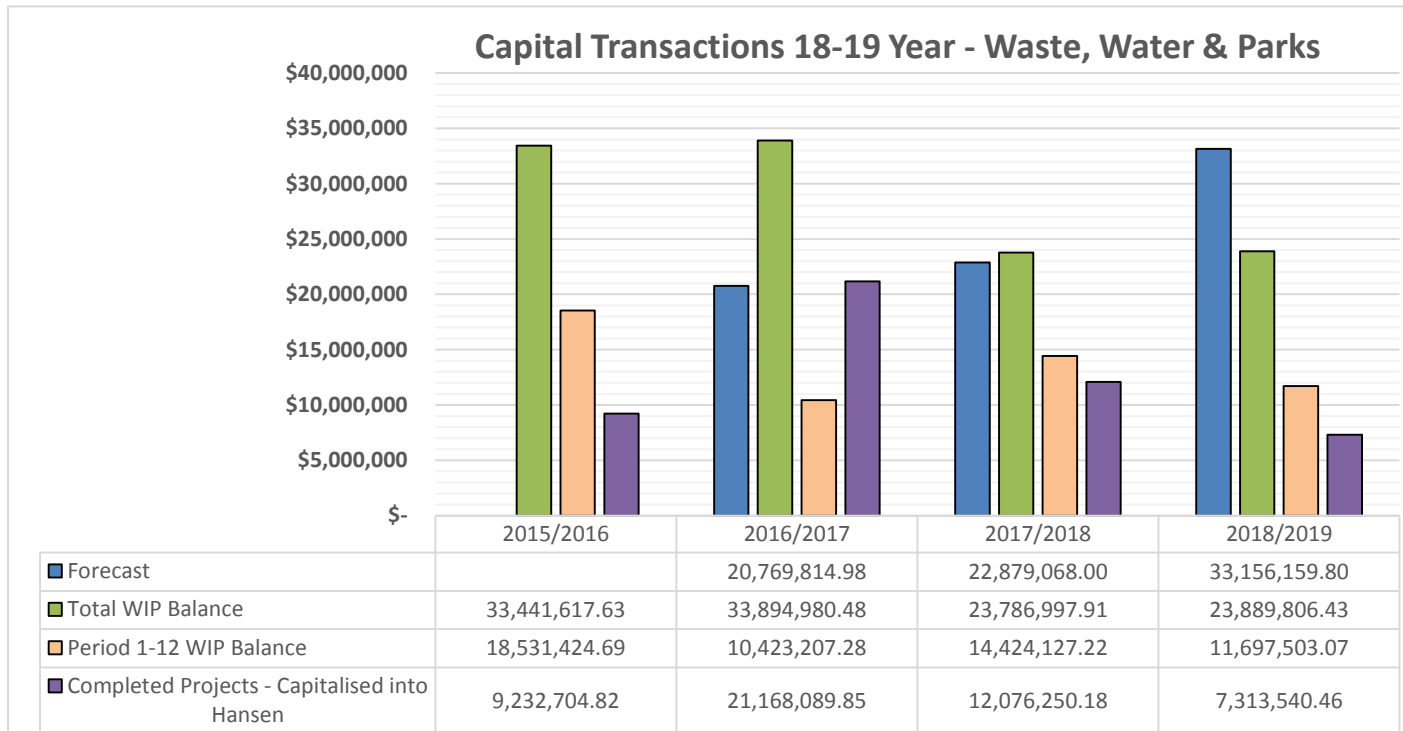
Construction is underway on Pohe Island Central Carpark, Bascule Park, and Potter Park. The landscape team will be part of the project team monitoring construction to ensure design outcomes are achieved on these projects.



## Infrastructure Development

### Asset Capitalisation

Capitalisation has been closed off for end of the financial year, with capitalised projects just over \$7 million. There continues to be issues around quality of as built plans. One significant project has yet to be capitalised due to this issue. The team will continue to work with other departments to improve the delivery of quality as built plans.



### Asset Data Management – AMS/GIS upgrade project

The configuration design for the AMS is expected to be delivered shortly which will mean the project will move ahead.

### Valuation of Assets

The draft valuation has been provided by the valuers and we are currently working through that to determine current market value of infrastructure assets.

### Development Engineering

The number of applications received in May were 23, a significant increase from 16 in the previous month. Our Senior Development Engineering Officer was away on annual leave for 3 weeks during this month, we relied on external consultants to assist us in processing applications. We currently have one Development Engineer and one Development Engineer vacancy due to an internal promotion. We are currently recruiting for this position.

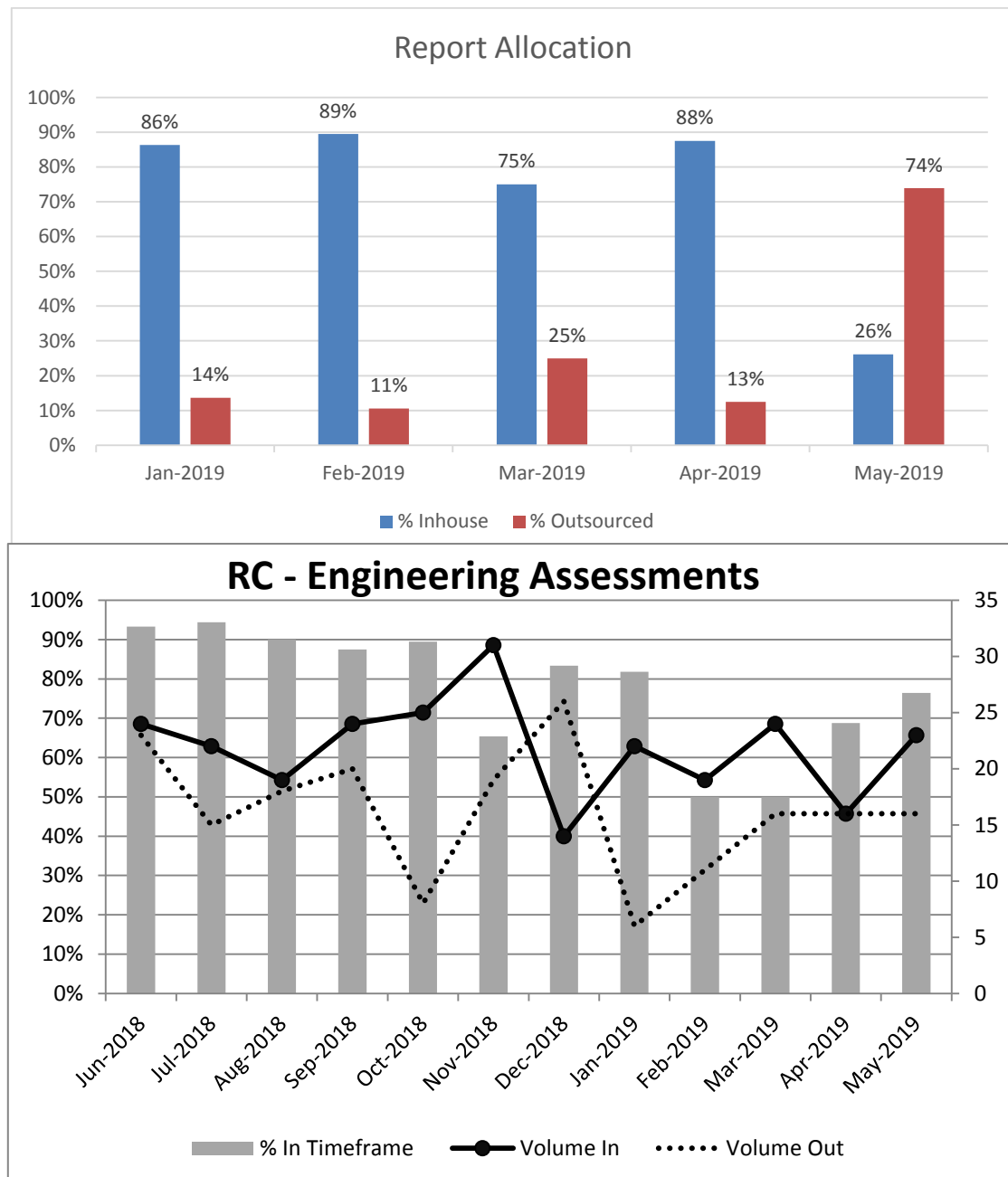
New applications received included Rock Solid in Kamo, 94 Lots, Ginty Way in Three Mile Bush Road, 7 Lots, South Road in Waipu, 14 Lots.

Development Engineers have been processing applications and engineering plans with an increased complexity and an increase in the requirement for Peer Reviews.

The engineering plans for Stage 3 of The Landing development, 77 Lots, are currently being assessed by both Council staff and external professionals.

Council Engineers are continuing to assist developers with several larger proposals in preparation for lodgement of consent including development in the re-zoned Sands Road area. Council staff have attended at least three pre-application meetings with the two Sands Road Developers to date.



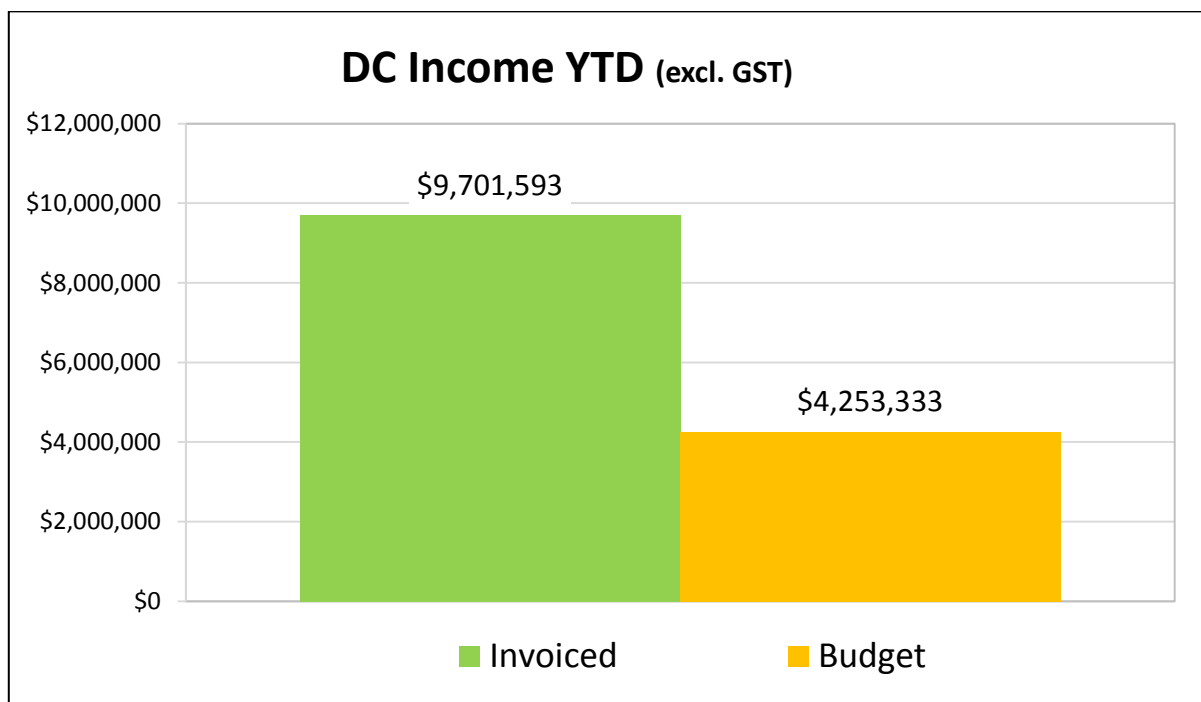
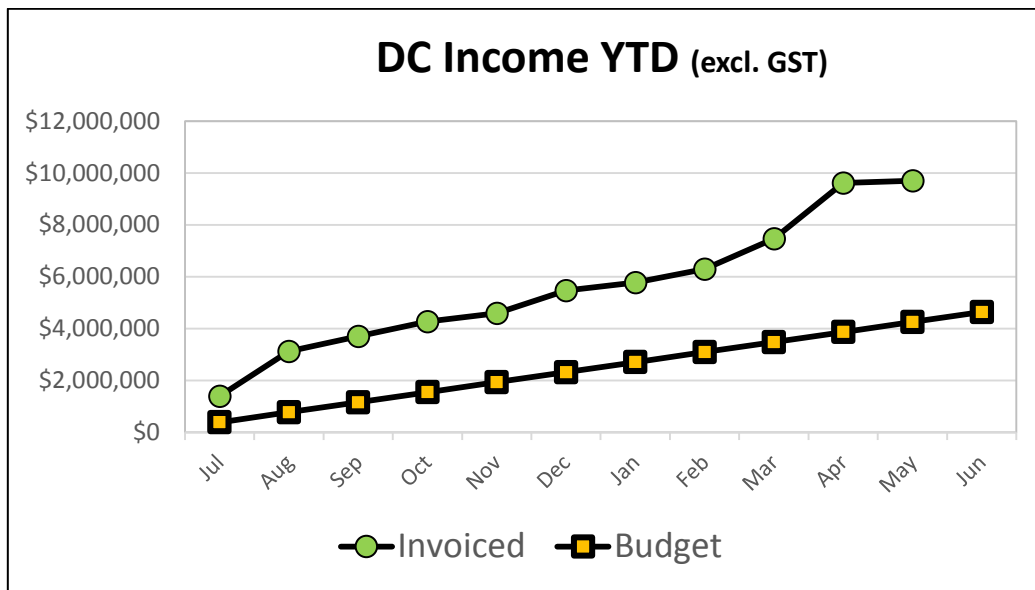


The 8-day level of service for engineering report delivery has increased this month to 76%. We anticipate this value will fluctuate as we have staff and consultants taking leave but we expect this to improve as we recruit a development engineer and engage more consultants on our engineering panel.

### Development Contributions

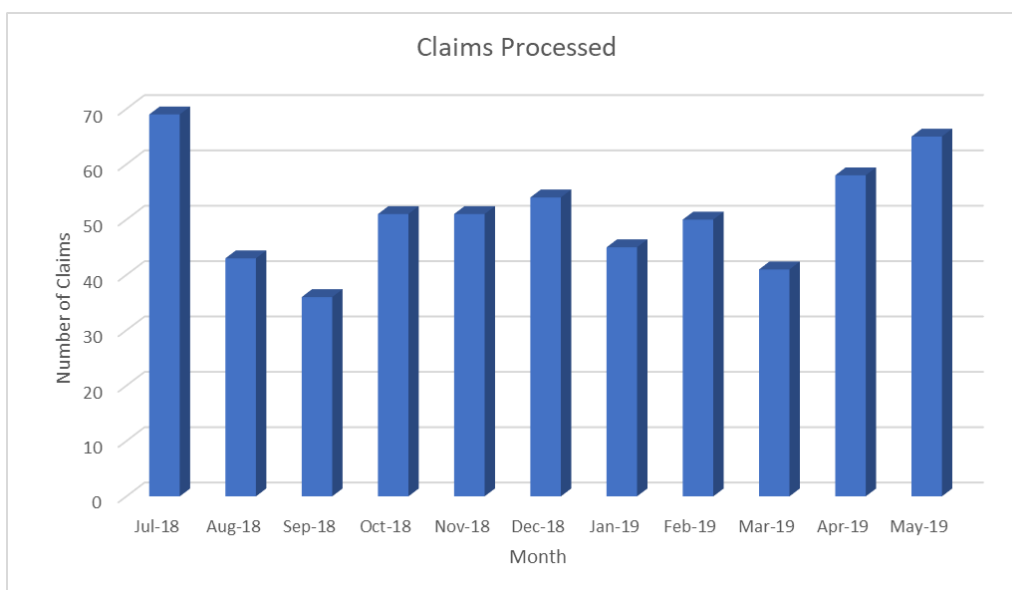
Year to date (YTD) income is \$9,701,593 still well above budgeted income but falling reflecting the end of the contracting season. It is timely to remember that development contributions income is cost recovery revenue. Development contributions help recover costs incurred for providing additional capacity to service growth, either past or planned projects

All Resource consent, building consent and public utility applications are assessed for development contributions. The total number of assessments made this year is 123



### Infrastructure Support

YTD there have been 563 contract claims processed with the numbers being very variable during the year but an obvious increase in the few months around the end of the financial year (May-July).



Internal audits are progressing well with 3 audits completed this month including audits for 9.39 Procedure for Responding to a Site Evacuation, 9.14 Procedure for Handling, Storage and Delivery of Potable Water and 9.21 Procedure for Monitoring and Maintaining Water Quality.

Work on internal process improvements is tracking well with 2 new processes, Updating Dam Levels and Blue Card – New Applications, being created this month. Updating of contract processes to match with the new interim contract process has also begun with 3 processes being updated; these include: Basic Contract Claims, Contract Claims with Retentions and Contract Claims with Separable Portions. A new contract process for sending and saving contract payments has also been created. After meeting with the Health and Safety Manager around how to capture the monthly be safe engagements for contracts, a new process for saving these has been created.

## Health and Safety

### Accidents & Incidents Reported in May

The number and types of incidents reported relating to Infrastructure staff, contractors or in Infrastructure locations where members of the public may have been impacted is shown below.

	Staff	Infrastructure Contractors	Infrastructure Volunteers	Public incidents	Public incidents (not in workplaces)	Totals this month	(Totals YTD 2018-19)	(Totals YTD 2017-18)	(Totals YTD 2016-17)	I&S Totals 2015-16
Worksafe NZ Breach - Prohibition Notice	0	0	0	0	0	0	1	0	1	0
WorkSafe Notifiable Event	0	0	0	0	0	0	1	0	2	0
Lost Time Injury	0	2	0	0	0	2	8	9	8	4
Medical Treatment Injury	0	1	0	1	0	2	32	51	40	39
Occupational Health Exposure	0	0	0	0	0	0	1	1	5	0
Minor injury	1	6	0	2	0	9	88	108	119	57
Discomfort and Pain	3	0	0	0	0	3	28	40	36	29
Breach of rule incidents	0	2	0	0	0	2	5	12	0	0
Incident/Near Miss	4	13	0	0	0	17	175	204	189	292
<b>Totals</b>	<b>8</b>	<b>25</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>36</b>	<b>342</b>	<b>425</b>	<b>400</b>	<b>421</b>

Table 1 – Incidents and running totals – Note: figures accurate to 20/6/19.

Company	Incident	Pain and Discomfort	Minor Injury	Occupational health exposure	Medical Treatment Injury	Lost Time Injury	Breach	Totals
Northland Waste Ltd	1					1		2
Recreational Services Ltd	7							7
Mckays Ltd							1	1
Fulton Hogan								
Robinson Asphalt's Ltd								
Broadspectrum	1		1					2
Quik-shot Ltd								
HEB Construction								
Downer	2		1					3
Northern Districts Security	1							1
Forte Civil								
Northland Park Care						1		1
John Duff Roofing	1							1
Clements Contractors Ltd							1	1
Hydrotech					1			1
<b>Totals</b>	<b>13</b>		<b>2</b>		<b>1</b>	<b>2</b>	<b>2</b>	<b>20</b>

Table 2: Contractors reported incidents, May 2019 (Note: figures accurate to 20/6/19)

## Waste and Drainage

### Operations and Maintenance

#### Whangarei WWTP

In the first ten days of May, the total flow gradually decreased from 15,500 m<sup>3</sup> and reaching its lowest point at around 10,500 m<sup>3</sup> on 10 May. It gradually increased from 11 to 17 May, reaching its peak of the month at 17,000 m<sup>3</sup>. After 19 May to the end of the month, the flow fluctuated within the range of 11,500 m<sup>3</sup> to 12,000 m<sup>3</sup>. A similar pattern was experienced last year during May 2018.

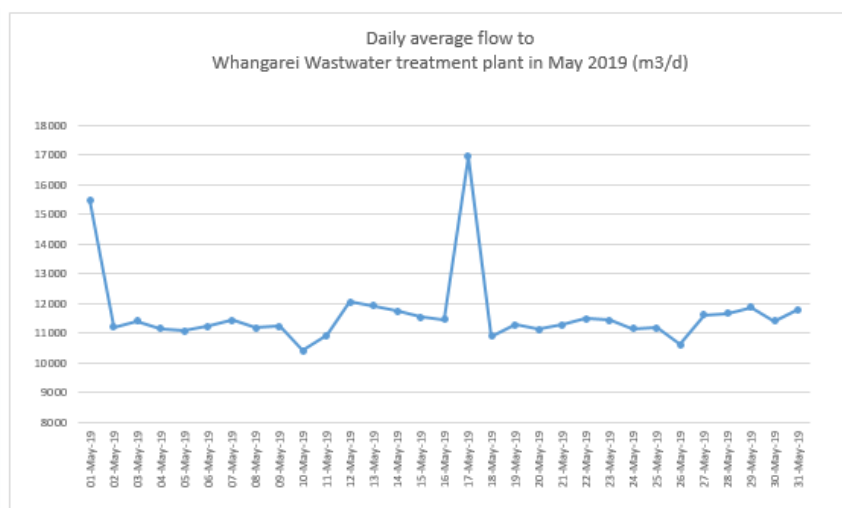
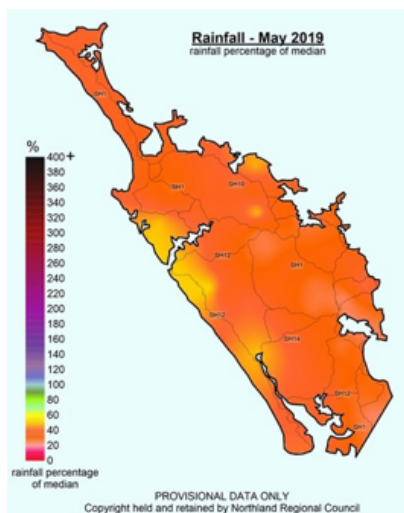


Figure: NRC image depicting the percentage of normal rainfall and graph depict illustrating the daily average flow in m<sup>3</sup>/d through Whangarei WWTP in May 2019

Activities carried out at the main plant during May including:

- Sludge building had been re-clad and re-roofed. The Contractor did an excellent job in both quality and H&S;
- Secondary clarifiers were flushed and cleaned;
- Gas flares were in operation as boiler and generators were off-line for maintenance;
- Turbidity analyzers were resolved;
- Annual inspection for RAS pump 1 and 2 were completed;
- Northland Regional Council tour of the plant was carried out, with excellent feedback received.

## Odour Treatment for Whangarei WWTP:

Consultants have been engaged for design of the odour control systems including: inlet work, equalisation basin, sludge holding tank. The following milestones were completed:

- Risk review completed on 3 May
- Preliminary Design completed on 15 May
- Issued geotechnical report 21 May
- Preliminary design review, HAZOP and Safety design workshop held on 22 May. Location of the odour treatment units were identified.



*Figure2: Proposed location of odour treatment system for Whangarei WWTP*

## Health and Safety

Waste and Drainage department had issued a safety notice to all contractors, subcontractors regarding an incident at 3 Donald Street where an improper lid was placed on a manhole frame. As a result, a woman's foot went into the manhole. Fortunately, she wasn't injured.

## Rural WWTP Operation & Maintenance

### Ruakaka:

- Screws were replaced at inlet screen cover;
- Water meter was recalibrated;
- Spraying of roadways and irrigation rising main was scheduled;
- 'No Entry' sign was replaced at Ruakaka irrigation entrance;

### Tutukaka

- Inlet screen faulted. Repair was completed;
- Flow indicators were ordered;
- UV system was cleaned;
- Boundary fence was sprayed

### Ngunguru

- UV system was serviced

## People and Capability

The vacant position of technician has been filled.

## Reticulation

There was 1 spill incident recorded in May 2019. All areas have been disinfected and cleared.

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m³)	Type of Sewage	Action Taken
23/05/19	23/05/19	23/05/19	19 Cheviot Street Maunu	Fatty Soilds blockage in downstream aerial crossing	2m³	Raw/ un-screened	Yes

Wynn Fraser flood gate was refurbished and installed during low tide period. The frame was re-galvanized. Bolts were replaced, Greenheart hardwood used for its long life in water environments. The work was completed by staff at the main plant to ensure quality and cost effectiveness.

## Capital Works Projects

### Sewer & Stormwater CAPEX

Hikurangi Sewer Rehabilitation Stage 2: Civil works which involve replacement and upgrade of lines is complete. Relining of sewer lines will commence in July.

### Sewer and Stormwater Renewals

Tamingi St Sewer Replacement: Hydrotech have commenced the renewal of sewer rising main and gravity main at Tamingi St-Ruakaka. Pipe bursting of the rising main is nearly complete and replacement of the gravity sewer section is expected to start by the end of June.

Leith Catchment Sewer Rehab: Relining of 900 meters of 150mm diameter gravity sewer at Leith St, Morningside by Hydrotech is over 50% complete.

Hatea River Sewer Rising Main Replacement: This work involves replacing the asbestos cement sewer rising main under Hatea River. Preparation of the design and tender documents is underway. The tender for construction will be advertised when the resource consent for constructing the line under the Hatea River is granted by NRC.

## Solid Waste Operations

Since July 2018 the average recycling rate for kerbside waste has been 37% i.e. above the target of 35% in the annual plan. The recycling rate at rural transfer stations since July 2018 is 47%.

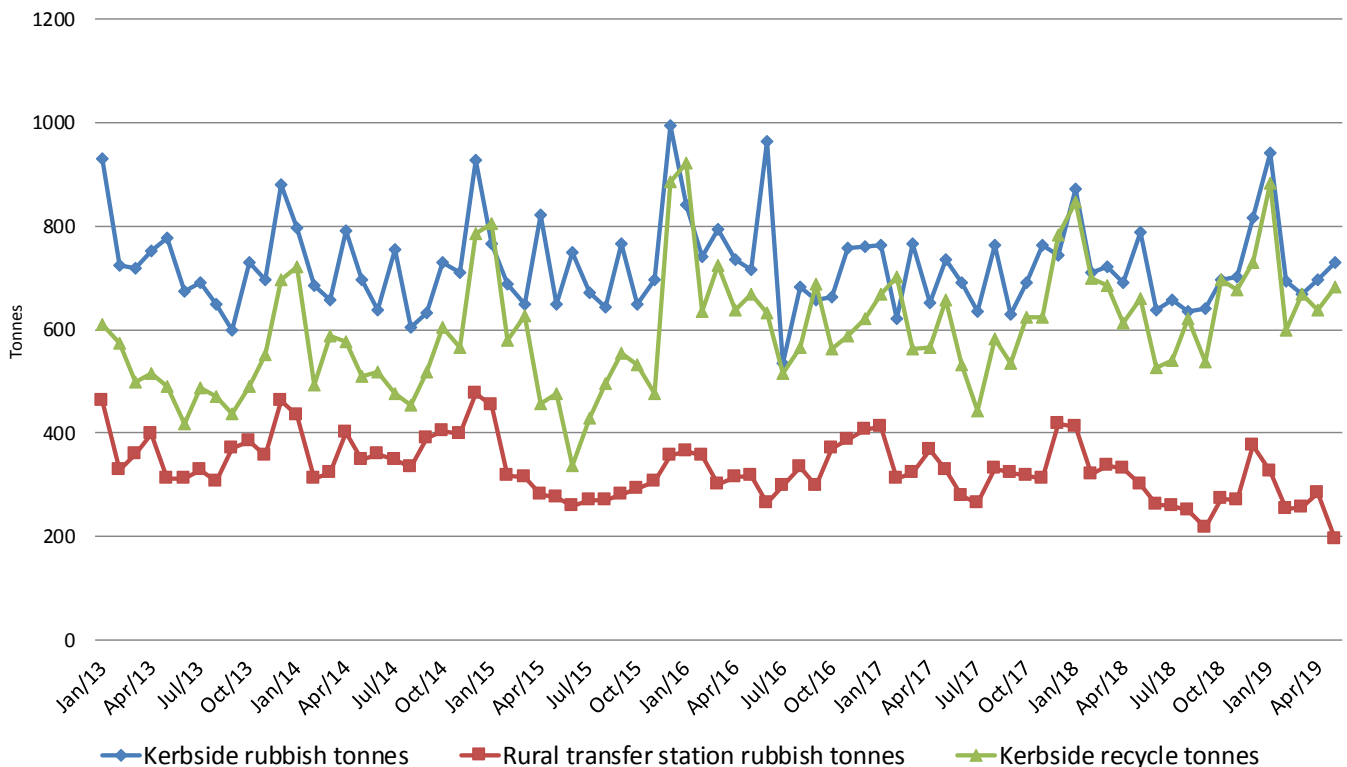
The Parua Bay transfer station has been closed and alternative arrangements for service provision are being investigated with the local community. The compactor at Parua Bay has been removed until a suitably consented site can be found.

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	730	May	299	195	May	660	683
April	690	696	April	329	283	April	611	636
March	722	668	March	335	255	March	685	669
February	711	694	February	320	252	February	700	598
January	873	942	January	412	326	January	848	883
December	742	816	December	439	377	December	783	730
November	764	703	November	311	270	November	624	677
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	7878	Total for period	3940	2943	Total for period	7611	7270

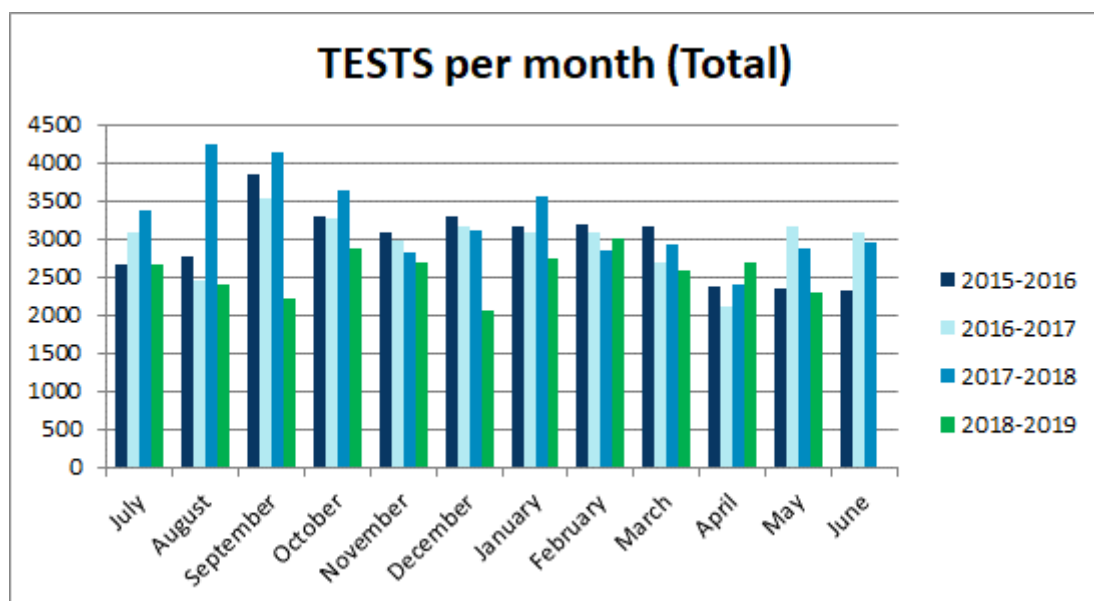
## Kerbside Rubbish and Recycling Collection and Rural Transfer Station Operations

### Solid Waste Tonnes Jan 2013 - Year to Date



### Laboratory Report

During May, the laboratory processed 732 samples requiring 2306 tests, 52% of jobs were reported within 5 working days. 85% of tests were performed in house. The laboratory is reviewing what testing that is currently being subcontracted can be done in house. This will have a service benefit for our customers of a quicker turnaround.





## Roading

### Maintenance Contracts

#### North Area

Ordered works completed this month are as follows:

- Culvert flushing of priority 1 blocked culverts.
- Drainage and watertabling works on Hoban Rd, Tahere Rd, Adams Rd and Going Rd.
- Heavy metal pavement strengthening on Going Rd and Adams Road.
- The roadside tractor mower has finished the Whangarei Heads area and is now going through Marua/Whananaki South Area.

Routine works completed this month include:

- 391 Culvert marker installations
- 120km of Grading unsealed roads
- 129 Sealed Pothole Repairs
- 763 Unsealed Pothole Repairs
- 20km Roadside envelope/Vegetation pruning
- 24 Sign face cleaning
- 55m Routine Edge break repairs
- 62 Edge marker replacements & 208 Edge Marker clean and Straighten
- 369m of detritus sweeping
- 102 routine 2m culvert clears

#### South Area

Ordered works completed this month were as follows:

##### Unsealed Roads

Maintenance grading on WRC roads for early post-race.

Metalling programme started in Brookes Rd, Waipu.

##### Sealed Roads

- Pre-seal and maintenance patches started in the southern area, going well before the rain slowed them down - Is now halted due to weather.

##### Rehabilitation / Construction

Review and acceptance of Fertiliser Rd Rehab – Asphalt deep lift early June.

##### Resurfacing

Five finger roundabout Walton St AC.

Atamahina/ Ruakaka Beach Rd Roundabout AC.

Riverside Dr South – Safety improvement AC.

##### Line marking

The road marking on reseals have been completed and continuing the remark around Tikipunga and Maungakaramaea.

Back to dayshift only as temperatures are too cold for paint to dry at night. Focus has been Whangarei & Kamo.

##### Drainage

- Smithville Rd drop chamber and WT completed.
- Riverside - Stubb Rd started.
- Pipiwai Road culvert extension – halted due to weather.

##### Vegetation

- Envelope – completed.



### **Footpaths and Shared Paths**

- Avenues have started – on going.
- Ormiston Road – on going.

### **Other**

- Cover Rd under slips completed.
- Awaroa River Rd Rockwall / Underslip completed.
- New hot box has arrived.

### **Routine Works**

- Routine work focusing on culvert and grate cleaning, attending to CRM's, signs maintenance, routine drainage maintenance.
- Signs maintenance

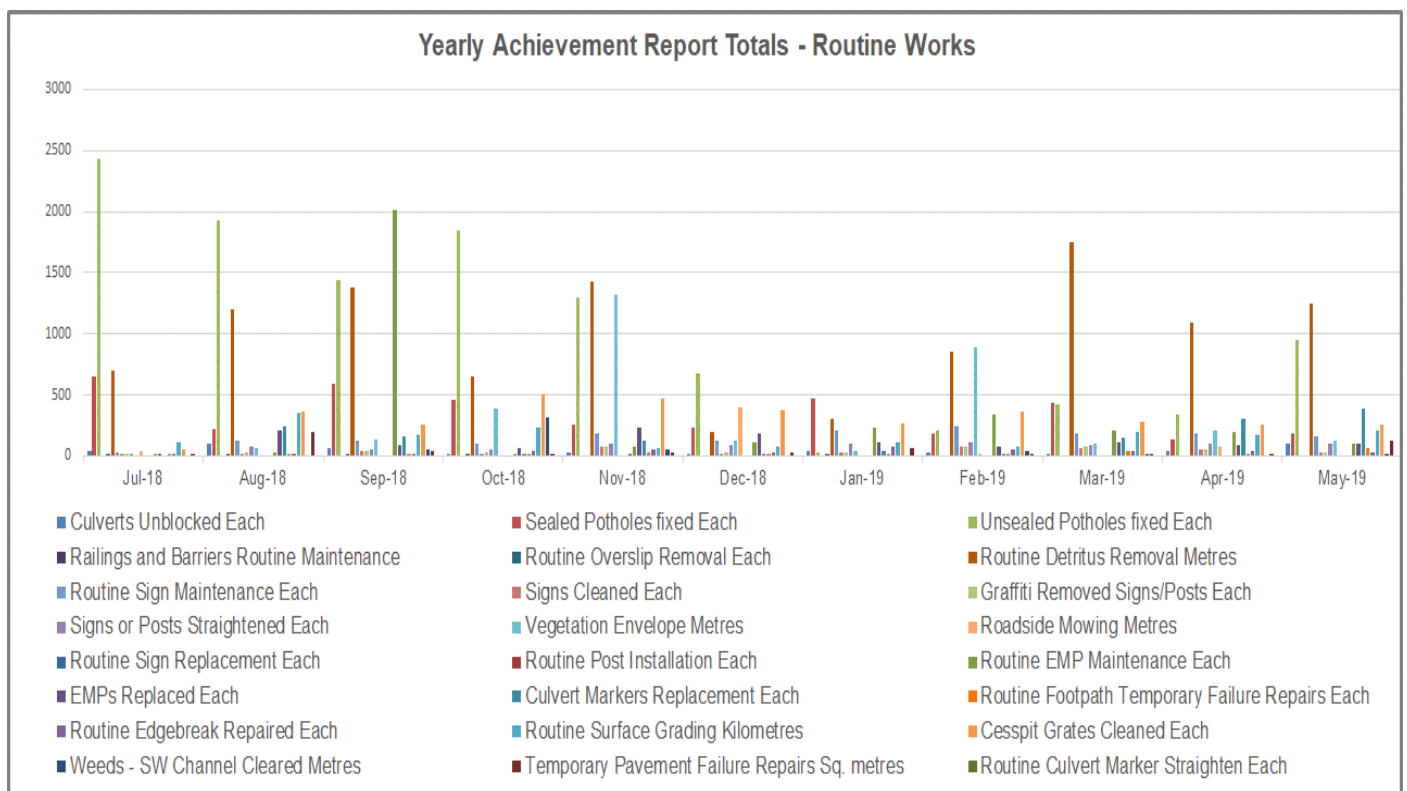
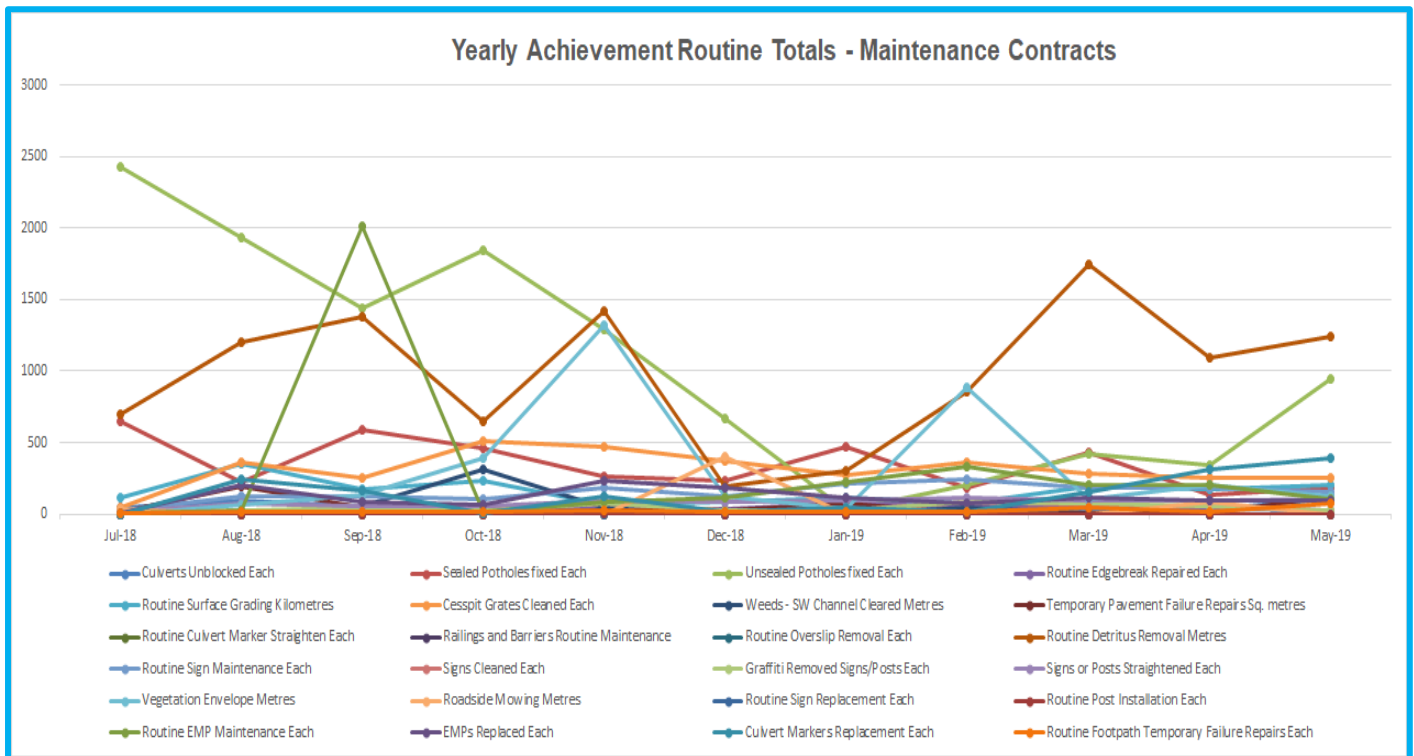
### **Cyclic Operations**

Focus on channel cleaning and weed spraying.

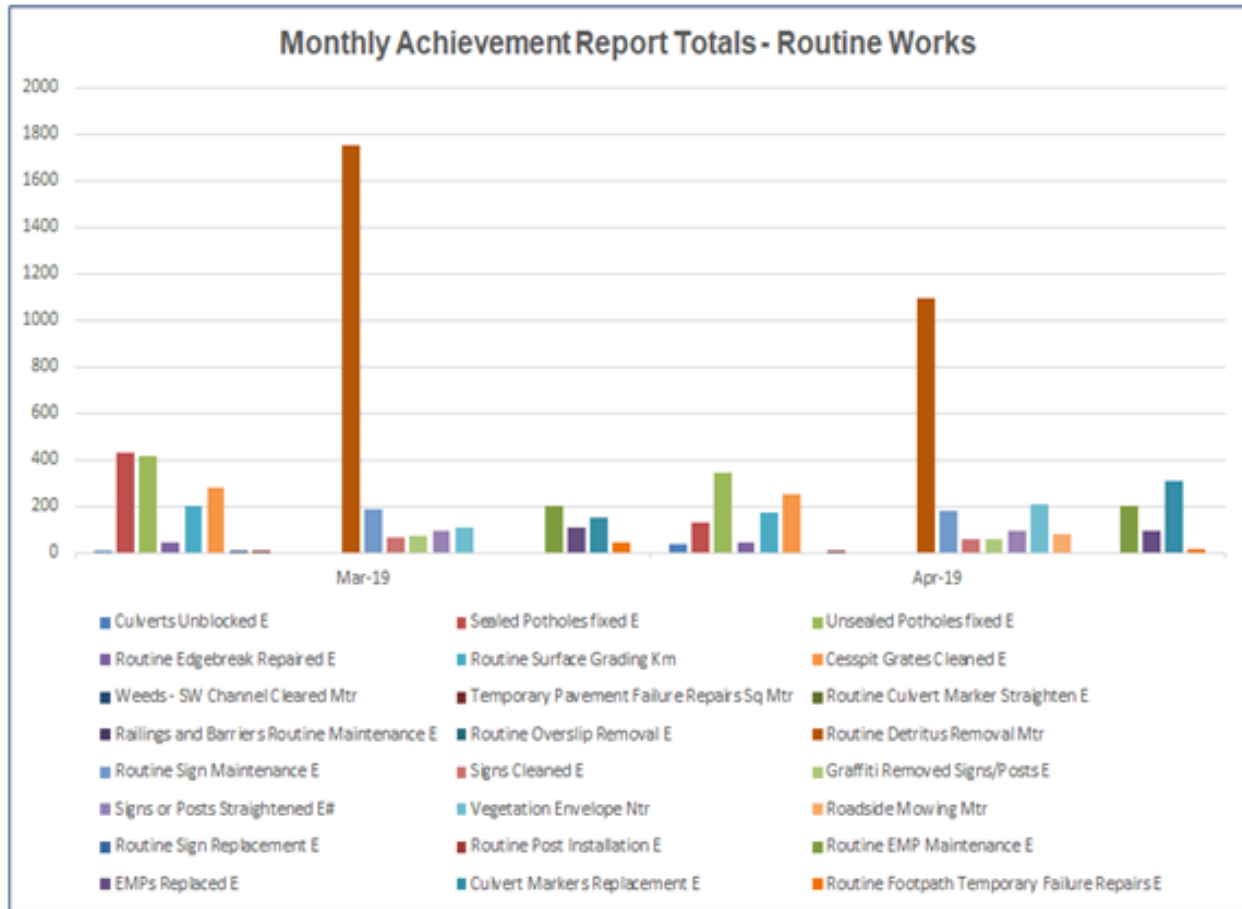


*Rock wall at Awaroa River Road*

## 2019 Yearly Achievement Report Graph



### Maintenance Contract Routine Achievement Graph



Activity	Units	Culverts Unblocked	Sealed Potholes fixed	Unsealed Potholes fixed	Routine Edgebreak Repaired	Routine Surface Grading	Cesspit Grates Cleaned	Weeds - SW Channel Cleared	Temporary Pavement Failure Repairs	Routine Culvert Marker Straighten	Railings and Barriers Routine Maintenance	Routine Overslip Removal	Routine Detritus Removal	Routine Sign Maintenance	Signs Cleaned	Graffiti Removed Signs/Posts	Signs or Posts Straightened	Vegetation Envelope	Roadside Mowing	Routine Sign Replacement	Routine Post Installation	Routine EMP Maintenance	EMP's Replaced	Culvert Markers Replacement	Routine Footpath Temporary Failure Repairs
	E	E	E	E	Km	E	Mtr	Sq Mtr	E	E	E	E	Mtr	E	E	E	E#	Ntr	Mtr	E	E	E	E	E	E
Mar-19	11	432	418	46	197	282	4	10	0	0	0	1749	184	63	73	92	105	0	0	0	204	110	151	45	
Apr-19	38	130	342	44	171	251	0	4	0	0	0	1093	179	56	56	96	205	81	0	0	201	92	308	18	
May-19	100	183	946	30	206	254	1	129	0	0	0	1243	157	26	30	103	129	0	0	0	100	94	392	70	

## Projects

### Low Cost Low Risk Projects (Minor Safety)

#### • Major Intersections (Capacity):

- Porowini Avenue/Tarewa Road Intersection Improvements – Physical works completed.
- Porowini Avenue/Maunu Road intersection improvements – Physical Works contract awarded to United Civil. Possession of site June 2019 and programme completion for January 2020.
- Maunu Road/Central Avenue intersection improvements – Concept design complete and property negotiations progressing. Funding for construction deferred by NZTA.

#### • High Risk Rural Roads:

- Murphy's Bend
  - Short Term – surfacing & curve signage (2018-19)
  - Long Term – design of curve realignment and shape correction (2019-21)
- Vinegar Hill Rd – Guardrail, curve widening and curve advisory signage (2018-19) – contract awarded, works to commence 2019-20
- 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)
- Whangarei Heads Rd / Pepi Rd intersection guardrail (2018-19) – contract awarded.
- Cove Rd Culvert Extension (Waipu Cycleway Stage 2a) – to be built with Cycleway Construction (2019-20).
- Cove Rd Guardrail (Waipu Cycleway Stage 2b)
  - Finalise property negotiations (2019) – one property remaining
  - Implement (2018-19 or 2019-20) – dependent on property negotiations & government funding.

#### • High Risk Intersections (Safety):

- Kamo Rd / Kensington Ave Intersection – modify phasing to improve safety (filter-phase) (2019-20)
- Kamo Rd / Station Rd Intersection – improve capacity and safety by increasing stacking distance (2019-20)
- Bank St / Rust Ave Intersection – improve capacity and safety by increasing stacking distance (2019-20)
- Bank St / Vine St Intersection – improve capacity and safety by increasing stacking distance (2019-20)
- Corks Rd / Gillingham Intersection – safety improvements. Guardrail installation completed 18-19, curve widening planned with 19-20 reseal
- Five-Finger Roundabout & Walton Street – detailed review of crashes; report (2018-19)
- Mill Rd / Whareora Rd Intersection – guardrail. Design 2018-19, Implement 2021-24
- Riverside Drive Intersections;
  - Mackesy Rd – improved right turn bay, bus stop relocation, footpath connection to shared path and pedestrian islands – completed May 2019
  - Brook Rd – widen intersection and improve sightlines – completed May 2019
  - Awaroa River Rd – improved right turn bay – implement 2019-20
- Intersection and rail crossing upgrades as part of Kamo Shared Path:
  - Kamo Rd – signalised pedestrian crossing and upgrade to rail crossing (May-August 2019)
  - Kamo Bypass – new rail level crossing adjacent to road-rail crossing in Kamo Bypass (TBC).

#### • Pedestrian facilities:

- Hikurangi Township - zebra and school access safety improvements. Working with Hikurangi Revive and the school to provide alternative access to school with improve pedestrian crossing for local business. (2019-20)
- Corks Rd Zebra – relocation of Zebra Crossing in Corks Rd near Totara Grove School – implement 2019-20
- Hatea Drive crossing – new pedestrian crossing (median islands) in Hatea Drive near Rurumoki Street (access to Mair Park) – implement 2019-20
- Whangarei Heads Rd – upgrade pedestrian crossing to a School Kea Crossing (2018-19)
- Tangihua Rd (Maungakaramaea) – upgrade pedestrian crossing to a School Kea Crossing (2018-19) – complete.
- Potter Park – Corks Rd and Vinegar Hill Rd crossings to access new Potter Park playground – implement 2019-20



- Manse St & Lupton Ave – upgrades to zebra crossings – near completion
- Riverside Dr/Mackesy Rd intersection – completed May 2019
- **School zones:**
  - Finalising our multi-criteria assessment tool, due 2019
  - Tikipunga School & Glenbervie School sites to be upgraded
- **Slow Streets:**
  - Otangarei Area & Girls High area; Keyte St and Churchill St – near completion
  - Kensington Area; Dinnis Ave, Wallas St, Manse St & Lupton Avenue (2018-20).
  - Kamo Area; Fisher Tc & Carlton Cr – associated with Kamo Shared Path (2019-21).
  - Avenues; First, Second and Third Avenue between Kauika Rd and Central Ave (2019-21).
- **Speed Management:**
  - Key Stakeholder Workshop completed. Proposed minor amendments to the body of the Speed Bylaw to support regional consistency and reflect recent changes in legislation endorsed by full Council. Assessment of self-explaining high benefit areas and recommendations for speed limit changes complete and ready to present to Council end July 2019.
- **Walking and Cycling (Shared Paths):**
  - Kamo Shared Path:
    - Stage 1 (CON16020 Rust Avenue to Cross Street) – complete
    - Stage 2 (CON16086 Cross Street to Kamo Road) - complete
    - Stage 3 (Kamo Rd to Jack Street) – earthworks and services phase is complete, concreting phase started, due to open in late-August 2019.
    - Stage 4 (Adams Place to Fisher Terrace) – earthworks and services phase nearly complete, concreting due to start after Stage 3. Due to open late-2019.
      - Stage 4b (Fisher Terrace Underpass) – Underpass is installed, due to be completed in May.
    - Stage 5 (Fisher Tc to Kamo village)
      - Design is nearly complete for future links to Village, Kamo Intermediate & High Schools.
      - We are seeking funds from NZTA for Stage 5 and other key minor links. Currently updating the existing business case before NZTA finishes their assessment of our proposal.
  - Raumanga Shared Path – we are seeking funding for Bernard St to Maunu Rd portion and improvements to existing length between Cafler Park and Tarewa Park.
  - City Centre including Onerahi link and improvements to Hatea Loop – this is being led through a combination of 'Blue Green Network', 'Inner City Development Plan', 'complete streets' and 'Speed Limit Reviews'. Over the next 12 months we will do further analysis of what the best combination of solutions are, ready for submission to the next LTP.
- **NZTA Northland Integrated Cycle Network**
  - NZ Transport Agency, with funding from the Provincial Growth Fund (PGF) is completing a Detailed Business Case for 13 Coastal Trails within Northland. This is one of 6 detailed business cases that the agency received funding to complete in Northland, as part of the Twin Coast Discovery Highway and Byways Programme Business Case. The business case will identify the economic potential of these trails and prioritise them for implementation. This will enable the councils to leverage off the business case for future funding opportunities such as PGF. Business Case is complete and has been submitted to the NZTA board for adoption and consideration.
- **Waipu Walk & Cycle Trust**
  - Stage 2a Cullen Rd to Waipu Cove – Physical works has started, this involves some associated road works to be completed by Council.
  - Stage 2b McLean Rd to Cullen Rd – We are working with DOC and Iwi to confirm the best route, likely this will be follow road rather than through the esplanade reserve.

- Stage 3 Riverview Place to Cullen Rd – the missing link to connect Waipu to Waipu Cove. Route planning works has nearly been completed, with an aim to finalise the route by Christmas and implement next few years. We have ruled out following the estuary after consultation with DOC, due to the Wild Life Refuge encompassing the area we were seeking to utilise.

## • New Footpaths

- We have awarded most of the works to Broadspectrum and Downers:
  - Paranui Valley Rd – works are complete, balance to be built of future years.
  - Tawhai PI – works started
  - Riverside Dr (Mackesy Rd) – completed May 2019
  - Tauraroa Rd – works deferred
  - Ngunguru Rd (Marae to Glenbervie School) – works are complete
  - Ngunguru Rd (Ngunguru Hall) – works are complete
  - Porowini Ave – near completion
  - Okara Drive (Porowini Ave to Commerce St) – under construction
  - Albert St (Woods Rd to Clyde St) – works deferred until land ownership is resolved between Council and LINZ.

## • Te Matau a Pohe Road Light Replacement

- The luminaire sample has arrived and has been successfully trialled on site. The recommendation award for the preferred luminaires is now being prepared. The preferred luminaire is We-ef from Germany. Assuming the award is signed we should be in a position to procure the luminaires by mid June.
- Once the order is placed it is likely that it will take 4 months for the luminaires to be manufactured and shipped to the country and a further month to install. Based on this it is expected that the new lights will be received by about October 2019 and would be installed in November 2019.

## • LED Street Light Conversion

- The remaining 1,200 V-Category (arterial road) lights in Whangarei City have arrived on 13 May.
- Negotiations with the P-Category light contractors (Currie Electrical and McKay) have been completed, to include the V-Category retrofit lights (ie swapping the old light for new LED) as a variation to their existing contracts based on their existing rates. A recommendation for award is currently being prepared. This work should commence in early July and run through November.
- New tender documents are also being prepared for the installation of completely new V-Category infill streetlights (ie those requiring new poles). The tenders are likely to go out in October when the contractors are likely to have less work on.
- In addition to the above, there are another 360 V-Category lights that have been designed for rural towns. The orders for these lights are likely to be placed in June.
- We are currently investigating both Auckland Transport's central management system (CMS) and the NB Smart Cities CMS to control the new LED streetlights.

## • Inner CBD Transport Model

- The Inner CBD Transport Model has been delayed while it is being peer reviewed. It is now expected to be completed by late June and then packages of upgrade options will be modelled over the next two months, with results being known by late August/early September. These options will include proposals identified in the Whangarei City Transportation Network Strategy and those resulting from the Complete Streets Masterplan project.

## • Central City Parking Survey

- The central city annual parking survey will be undertaken in September 19. The results will be interesting as over the past couple of years around 204 carparks have been added to the CBD (Carruth St carpark and old Neil Group site) with a further 20 or so to be added at Vine St (demolition of the TAB building). We have lost 112 carparks (Hundertwasser construction and Laneway) in the central city so the net gain is 82. In

addition, a further 272 car parks are currently being built on Pohe Island with 30 lost with the sale of land at the end of Railway Road (a net gain of 242) around the city fringe. Overall there are currently around 5377 car parks in and around the CBD with Council owning or leasing 3549 carparks and 1798 carparks in private ownership.

## Whangarei District Road Safety Promotion Report May 2019

Road Toll	Total for all 2011	Total for all 2012	Total for all 2013	Total for all 2014	Total for all 2015	Total for all 2016	Total for all 2017	Total for all 2018	End May 2018	End May 2019	Annual Average 2006/10
Whangarei	1	6	9	10	11	9	14	14	8	4	13
Kaipara	0	4	3	1	2	9	5	5	2	3	4
Far North	6	4	9	7	10	9	22	16	7	5	13
Totals	7	14	21	18	23	27	41	35	17	12	30

### Key Activities for May:

**SAiD (Stop Alcohol Impaired Driving):** 4 completed in May, 68 ytd,

**Drive Soba:** 3 completed a course in May and 11 are attending one programme due to complete in , (42 YTD). NDHB has confirmed no withdrawal of the in-court Drug and Alcohol counsellor service.

**Licensed Controller Qualification:** (LCQ)19/22 volunteers from 9 clubs attended and passed the April course.

### Young Drivers Programme Passes

Ngatiwai : 0 Learners(32 ytd), 0 restricted (18ytd)and ) 0 Full licence (3ytd).

People Potential: 24 Learners (148ytd) 0 Restricted (41ytd) 2 Full (19ytd) 6 mentors active

**Motorcycle Safety: Get Ride Ready:** An Event is in the planning for motorcycle safety in early September. This will be supported by radio and digital platform advertising on male skew/top 10 shows starting in August

**Restraints:** The programme has been completed for the year.

**Drive Smarta:** There were 2 who commenced and one completed the first programme. However there are 5 registered for the June course.

**RYDA:** The programme completed for the year, with Bream Bay electing not to proceed. For work relating to this programme, RoadSafe Northland was awarded the inaugural AMI community education award for International Road Safety week.

### Fatigue Stops:

Date	Vehicles	People		Vehicles	People
19.10.18	64	162	15.02.19	28	46
21.12.18	187	77	1.03.19	Reserve	Day
25.01.19	199	78	18.04.19	67	153

### Speed Promotion

- Cinema** advertising is complete for the year.
- Drive Smarta:** Further meetings were held with Lawyers, particularly duty solicitors (15 attended) and Probation Staff., 25 practitioners and management team members.
- The digital platform multimedia programme** is continuing until June.

**Health and Safety:** No health and Safety issues have been reported this month.

**Other activities/Mtgs:** Drive Smarta presentation to Criminal Lawyers and probation staff. Drive Smarta stakeholder group, Northland Road Safety Trust, Road Safety Action Planning, Road Safety Excellence Awards, NZTA professional development workshop, Northland Road Safety Assn, NDHB re in court services, Northland Road Safety Forum, Public Health intensive with y5 Drs, reporting for 267, Northland Freight Group, Get Ride Ready.

### Key district issues

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

## Parks and Recreation

### Operations

#### Walking Tracks

Upgrade of the Mackesy Track is now fully underway with much of the route now cleared of vegetation and gradient cut-out and the framework for some steps installed.

Public safety improvements are being undertaken on the Boswell Track at the Waimahanga Road end. Wooden drain culverts have become exposed and become hazardous for the many cyclists and walkers using this route. It is proposed that as an interim measure before the NTA undertake a full upgrade, that drainage improvements be made and some straightening of blind corners where accidents are known to have happened. Narrow boardwalks will be replaced with culverts, which will also enable future maintenance to occur.

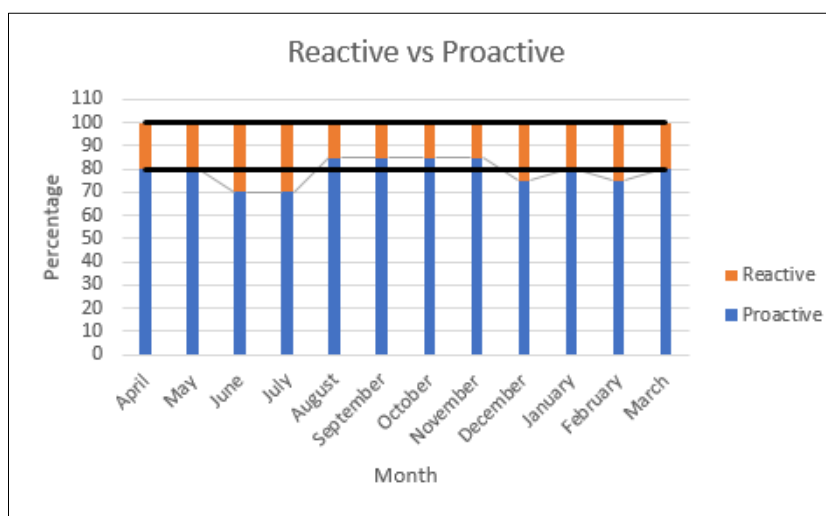
#### Tree Maintenance

May was one of the most productive months with Treescape having three full-time crews on the contact. Six streets had maintenance completed this month and in addition the large casuarina trees on Matai Street were also dismantled and removed. This was a big undertaking and with good planning and communication went well, without incident and with considerable good will with the neighbours. Some final work including stump grinding is still to be completed.



The graph above shows we have completed a full year of the contract from June 2018 to May 2019.

**Note** that no street tree maintenance was carried out in December to March as the contractor worked on public trees in Parks only.



In terms of focus for the contractor the target of 80% proactive work and 20% reactive dealing with CRM's was also sustained.



## Coastal Structures

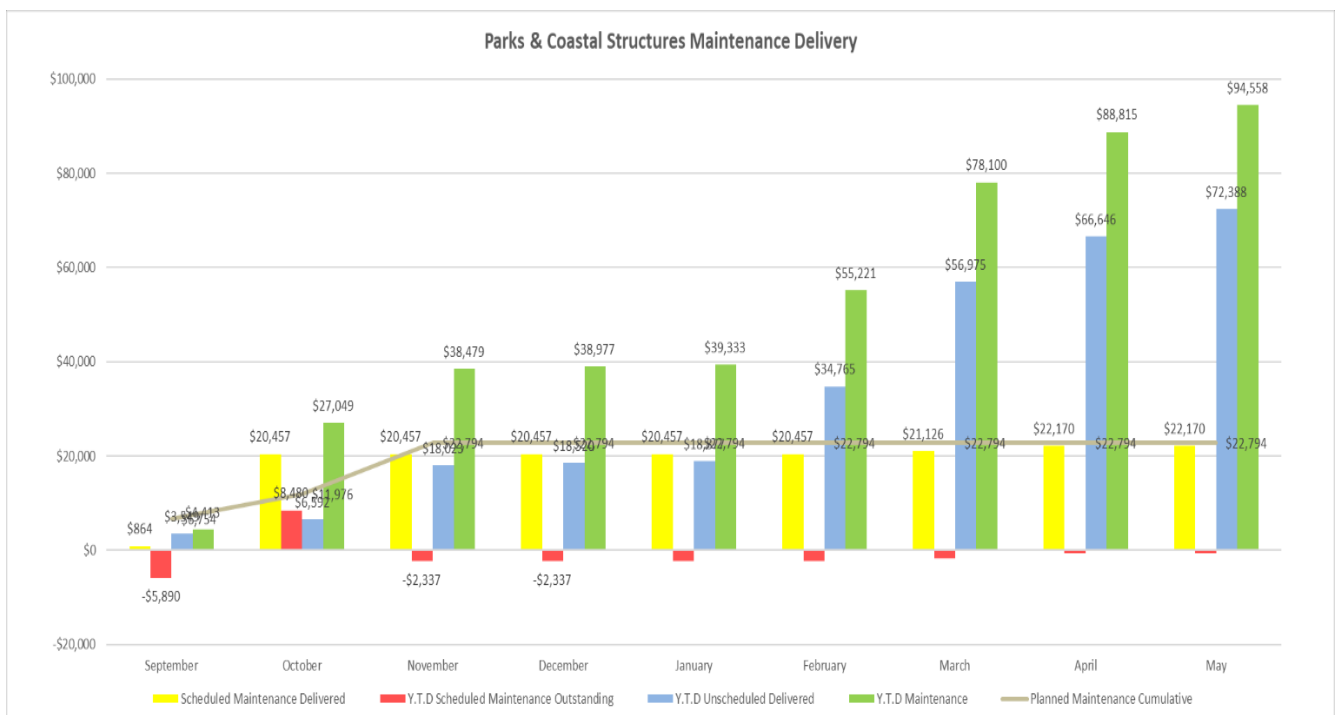
34 programmed inspections were completed in May covering all boat ramps and Limestone Island coastal structures. There were no major issues, follow-up action points centred around cleaning of several boat ramps.

Maintenance is scheduled to start in June 2019 on the Paradise Shores seawall walkway between Marama Place and Paradise Point Place. Storms have undermined the existing concrete path creating the potential for cracking/failure. Approximately 185m of wall will have work including concrete haunch for erosion protection.

The Marsden Point Road 'Steel Steps' were removed with no incidents. A small rusty ladder was also removed at the time. The site was left in very good condition with minimal disturbance.



Before and after removal of steps



## Sports Fields

Another dry month with only 32mm rain and total rainfall for the financial year is 785 mm, which is roughly half of our average annual rainfall. Most fields have managed reasonably well, however there has not been the normal "autumn flush", and so when temperatures do drop and soil moisture and temperatures reflect more normal winter rates, it is expected that fields will not cope with the wear as well as usual.

The new fields at Otaika are now in use.

Renovation work continued through May as ground conditions remained favourable, with over 7ha of fields being vertidraind. End of season renovations of the grass cricket blocks was completed. The top 15 mm of both main and practice blocks was removed and a deep aeration operation undertaken at Cobham Oval to combat thatch build up and aid drainage of the blocks. All blocks are showing signs of a good germination toward full grass cover.

Design work for renewal of training lights at Horahora sports park is being commissioned for installation over the summer months.

Renewal of training lights at Otangarei rugby league field has started, and all cable conduits have been installed. The resource consent has been received and foundations for the poles and erection of poles will be completed in June.

Re-tiling of the hydrotherapy pool has been completed

Average of audit results was 96.4 %, against a target of 90%.

## Parks and Gardens

During the month the contractor started their annual infill planting for the season. They made great progress, finishing sites such as Rose St, Five Finger round about, Whangarei Falls and Town Basin which received big 'make-overs' as well as numerous other sites including sites in North and South of the District.

All Annual bedding displays are showing great colour and performing well so far. The only concern at this stage is the blue Pansies which have been planted on Port Rd roundabout. These are showing signs of disease (rot at the base of the roots) which we have struggled with in the past and were unable to control in past years. Other mixed Pansy varieties (such as 'Citrus mix', 'Antique shades' or 'Lavender Rose') seem to be more resistant to this particular disease.

Mulching has been undertaken at various sites including the Town Basin, Cheviot Reserve, Tutukaka Marina, McAuslin Road – Sandy Bay, Pacific Bay, Five Finger Roundabout, Tarewa Park, Forum North, Rathbone St, James St, John St, Mander Park and Water St.

During the month the contractor undertook lots of smaller jobs including the following:

Refurbishment of park signs at Te Maika Rd, One Tree Point and the Dog Park, water blasting of the Stage at Cameron St Mall, repair of picnic tables at Wooleys Bay, repairing a fence at Matapouri as well as fixing several chain gates. He also installed furniture and bollards at the Dog Park and water blasted the furniture and the shelter for the re - opening. The pergola at Forum North has been removed and the Assets around the Whau Valley Dam were tidied up (water blasted, oiled) ready for the unveiling ceremony on the 31st of May.

To comply with our resource consent for storm water discharge from the car park at the Aquatic Centre, the contractor has started replacing the drainage medium in two of the raingardens. The original medium was very compacted and the gardens were not operating adequately. The compaction was a result of foot traffic through the gardens, and so a fence down the centre of the gardens will prevent this, and instead customers walking from the car park to the pools will be directed over flush bridges over the gardens. Non-return gates are also being installed on the outfalls into the Hatea River.

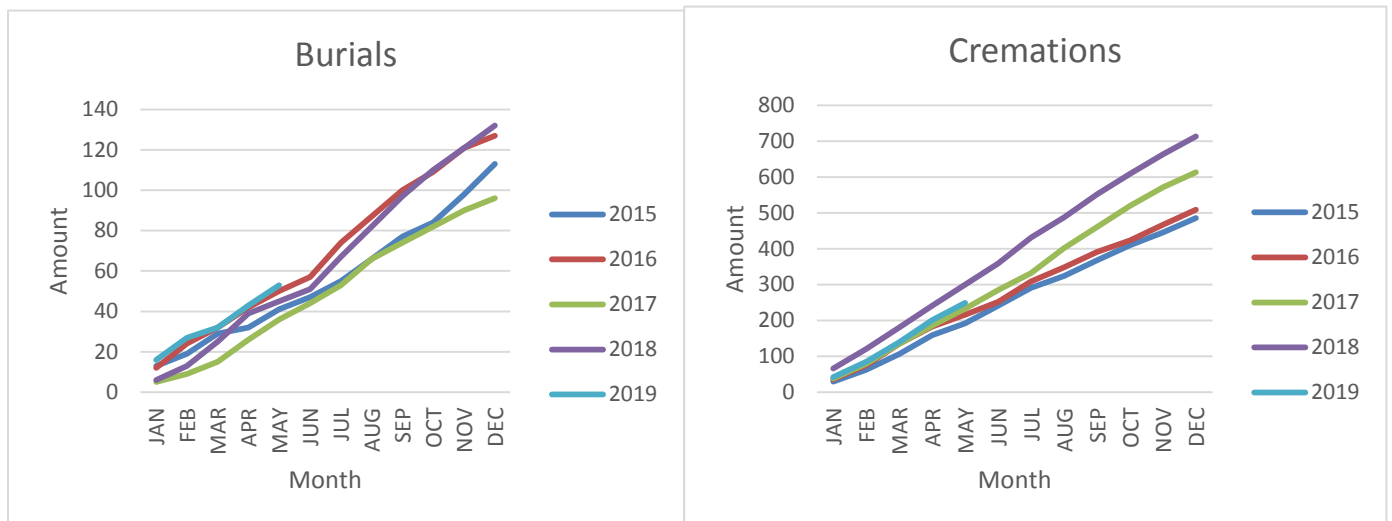
## Playgrounds and Skate Parks

May was another quiet month with playgrounds. We only had a couple of issues being a broken spring at Ngunguru, someone put a wax type substance on the slide at Reotahi, reducing its slipperiness.

Shade sails were taken down in May and the contractor (Shade systems) is audit them to assess what repairs are required.

We have carried out some minor repairs to the skate park on Riverside Drive (filling in a few cracks) and we have installed a couple of picnic tables under the trees.

## Cemetery



Burials continue to be higher than previous years with 10 burials this month, while cremations are lowered.

The focus has been on general maintenance with grass growth slowing and grounds are in good condition. Plot reservations seem to have plateaued since our new burial options were introduced in July last year.

Since July 2018 we have had 5 burials in our family burials area, 3 natural burials and 11 ash burials in the refurbished rose garden.

## Botanica

May visitor numbers: 1461

4/5	One Tree point	Kids loved the mirrors
9/5	Mt Tiger	Cactus & ferns. It was amazing.
9/5	Melbourne Australia	Beautiful. Obviously, the result of a lot of hard work & passion.
12/5	Netherlands	Love seeing all the greenery.
14/5	Snells Beach	Stunning! With great staff.
14/5	Whangarei	Love this place – Calms me down, nice to relax. Thank you.
18/5	Auckland	The plants are well looked after & look beautiful.
24/5	Kerikeri	Always a pleasure to revisit.

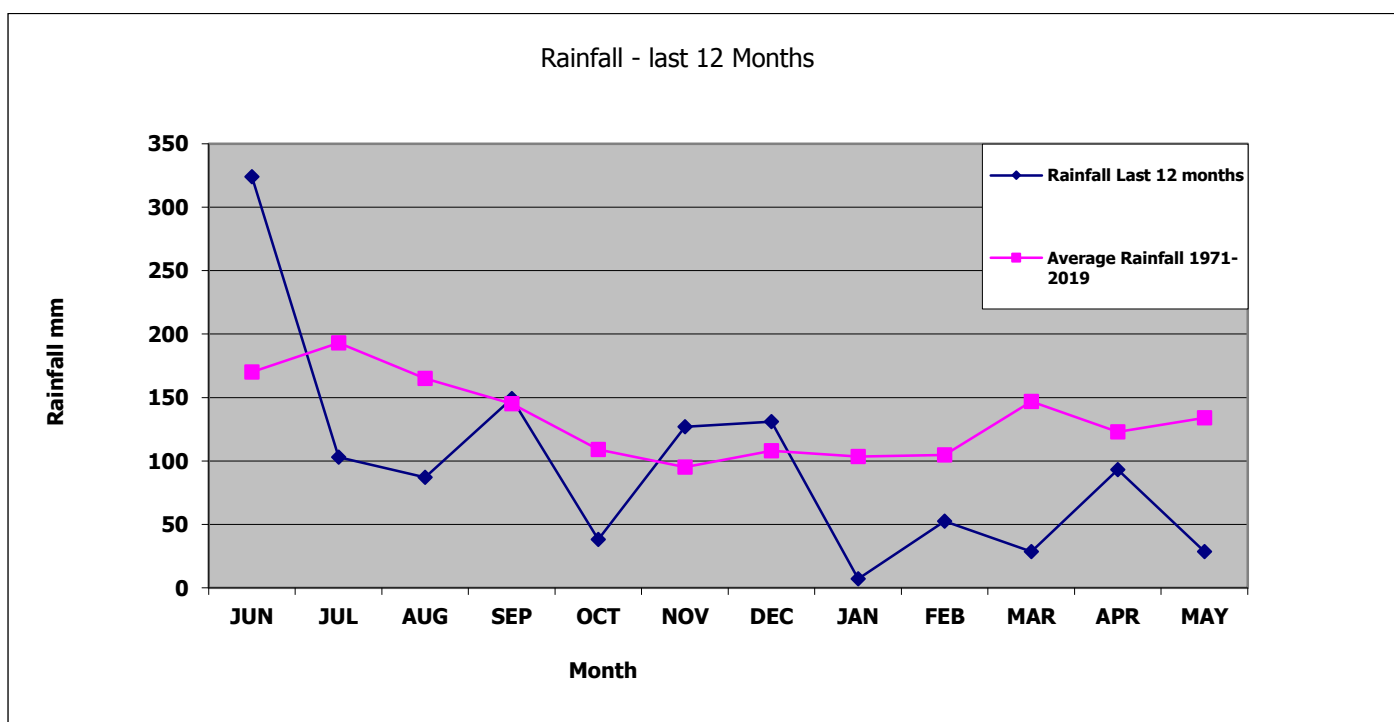
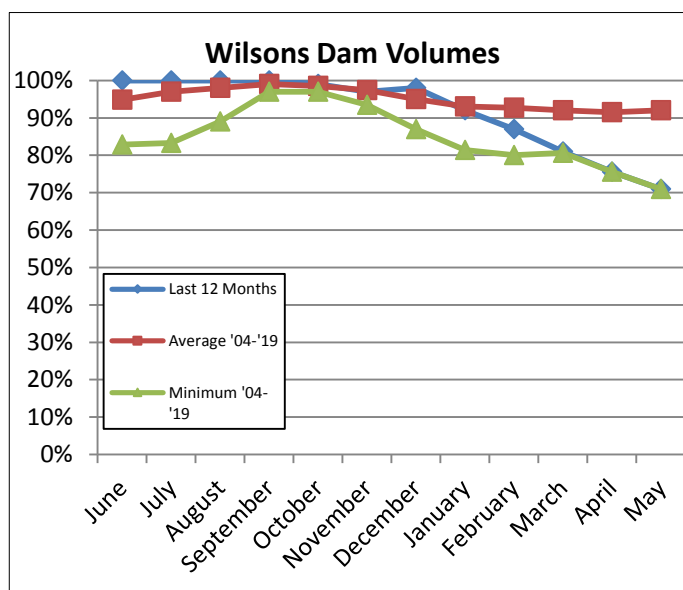
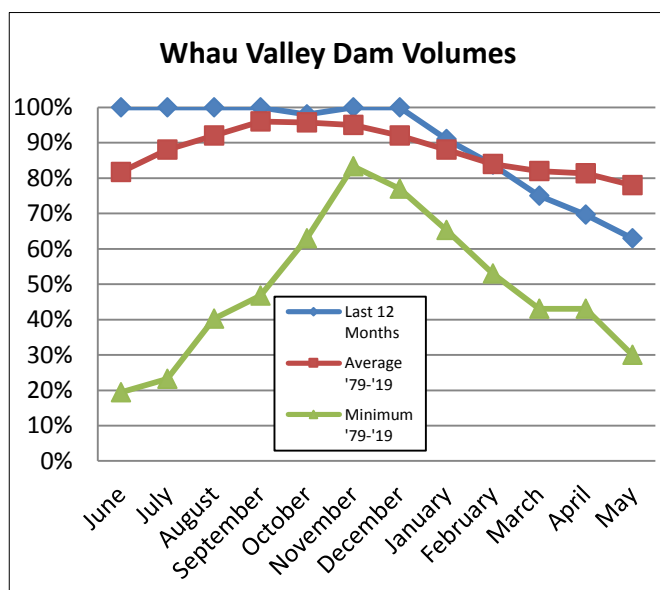
The Pohutukawa coast tree giveaway was a success with a new record set for all the trees going. Last year it was 2 and a half days and this year just under 2 days. We propose to hold it on a weekend next year so people who are working have a chance as well.

## Water Servicers

### Operations

#### Rainfall and Water Sources

Only 28.5mm of rain fell at Whau Valley water treatment plant in May. This was the second lowest May rainfall on record and well below the average for May of 134mm. Each of the first five months of the year had below average rainfall and the rainfall deficit for the year to date sits at over 400mm. As a consequence, most of the rivers and springs remain low. Whau Valley Dam has now dropped to 63% and Wilsons Dam at 71%. Whau Valley Dam is now well below the average for the time of year of 78% and Wilsons is at an all-time low. The levels are beginning to be of concern and although we should still get rain over winter, normal to below normal rainfall amounts are predicted. If this eventuates then we may not receive enough rain to top up the dams and groundwater tables. Going into summer with low dam levels would increase the risk of water issues if we were to have a dry summer.



## Production Report

### Compliance

Whau Valley WTP – Plant was fully compliant for protozoa and bacteriological.

Ruakaka WTP – Plant was fully compliant for protozoa and bacteriological.

Ahuroa WTP – Plant was fully compliant for protozoa and bacteriological.

Ruddells WTP – Plant was fully compliant for protozoa and bacteriological.

Poroti WTP – Plant was fully compliant for protozoa and bacteriological.

Maungakaramea WTP – Plant was fully compliant for protozoa and bacteriological.

Mangapai WTP – Plant was fully compliant for protozoa and bacteriological.

There was a water outage at Maungakaramea during the month as a result of maintenance work being performed on monitoring equipment for the bores. When the pumps were restarted after the work the UV units were unable to meet compliance levels due to slightly elevated turbidity. The plant was shut down and as a precaution the reservoirs drained. Water was off for several hours while water was tankered from town and the plant eventually restarted.

### Other works

The algal bloom at Wilsons Dam appears to finally be dying off. Levels recorded recently are a lot lower than during the summers and we are hopeful that we may finally get rid of all the algae over the winter. Unfortunately, the downside of the die off is that the water tends to develop an earthy taste than cannot be easily treated. Staff are trying to minimise this effect by increased flushing and rezoning of the network.

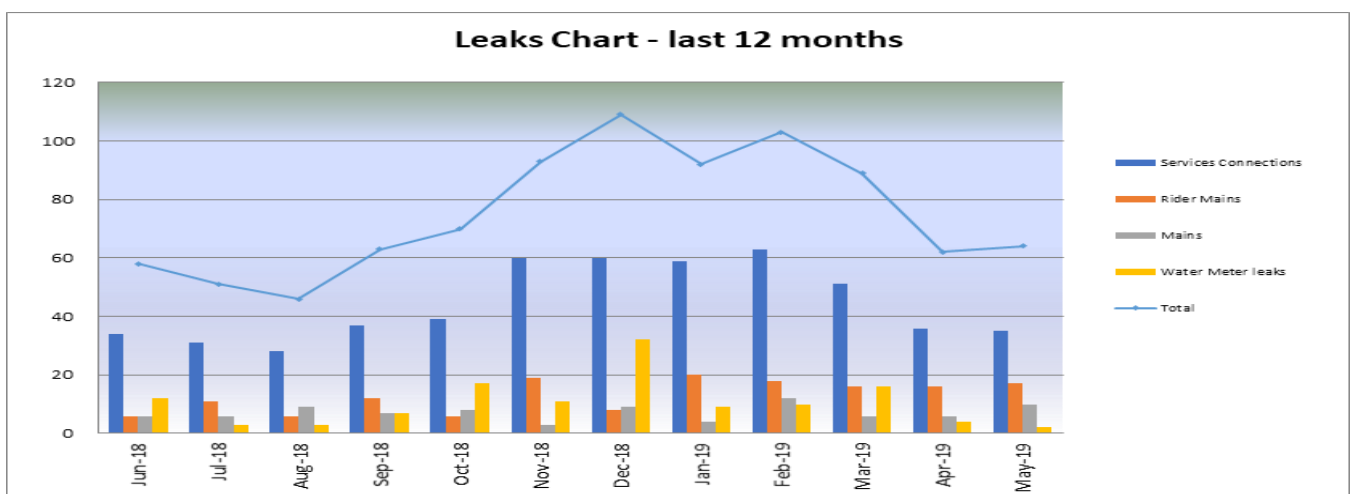
### Distribution Report

#### Water Statistics

37	Connection leaks repaired
27	Rider/Main leaks repaired
22	New connections installed
34	Faulty meters replaced

A total of 37 service connection leaks were repaired together with 27 main and rider main leaks. The number of leaks is similar to last month and is expected to remain low over winter. However, as part of the ongoing leak detection programme, contractors will be targeting some high-risk areas to try and identify unreported leaks. A total of 22 new water connections were installed during the month and 34 meters were replaced after being reported faulty by the meter reader.

The following chart shows the number of leaks per category of pipe fixed under the maintenance contract during the last year.



## Capital Works

### Whau Valley WTP upgrade

The contract to construct the new water treatment plant at Whau Valley was awarded to Broadspectrum on 7 February. The Contractor has undertaken additional test bores to confirm the length of piles required. The delivery of piles is now expected in July from overseas. It is anticipated that piling works will start in late July and continue for 6-8 weeks. The contractor has proposed to install the piles using a vibrating hammer to minimise noise. Noise and vibration will be closely monitored at nearby residences. The earthworks have been completed including the stormwater treatment system. Planning is underway for the pipelines in Whau Valley Road and first buildings. However, the majority of the buildings will not progress until after the piling is complete in September.



## Ruakaka Clarifier Upgrade

The contract for the clarifier upgrade has been awarded to electrical company SEL Ltd. They ordered the scrapper equipment which has a long delivery time as it needs to come from overseas. However, as the upgrading of the clarifiers will require one clarifier at a time to be off line for up to six weeks. It is programmed for the first clarifier to be upgraded in August. The second will be done once the first has been successfully commissioned.

## Water Meter Replacement

This year's meter replacement contract was awarded to Broadspectrum. The contract started in early October and ran through until April. In total the contractor replace 778 meters. Next year's water meter replacement contract is being prepared.

## Reticulation Programmed Works

So far this year mains have been replaced in King Street, Kensington and Corks Road, Tikipunga. The water main feeding the Whangarei Heads near the golf club had failed a number of times over that last 12 months and was replaced under urgency in April. A further rider main replacement contract has now been awarded to the Watertight Company and involves mains replacements in Dinniss Ave, Albert St, Brake Ave, Sherwood Rd, Henry St and Lovatt Cres. It is expected that it will take until September to complete all these mains.

## Consents and Compliance

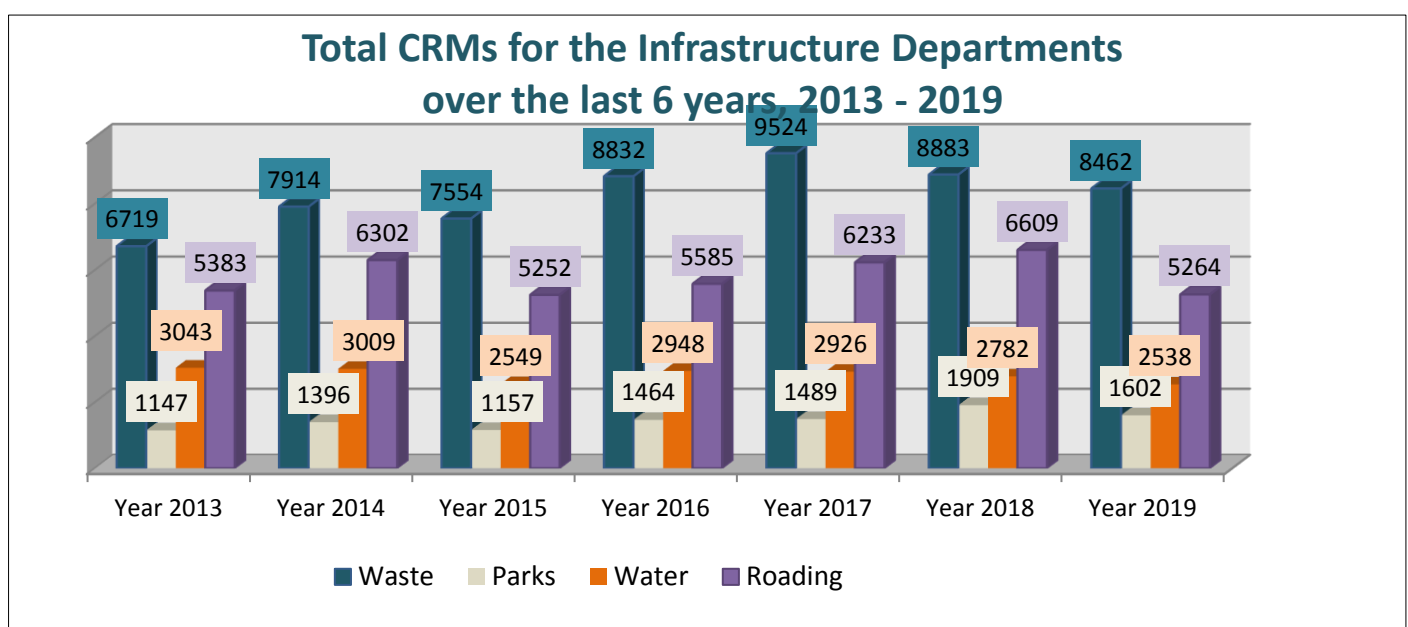
### Laboratory Water Quality Tests

Description	Number of Tests	Failures	Results	Goal	Retest
E. Coli leaving WTP	8	0	100%	100%	N/A
E. Coli within distribution	29	1	97%	100%	Pass
Free Available Chlorine within distribution (above 0.2mg/l)	56	0	100%	95%	N/A

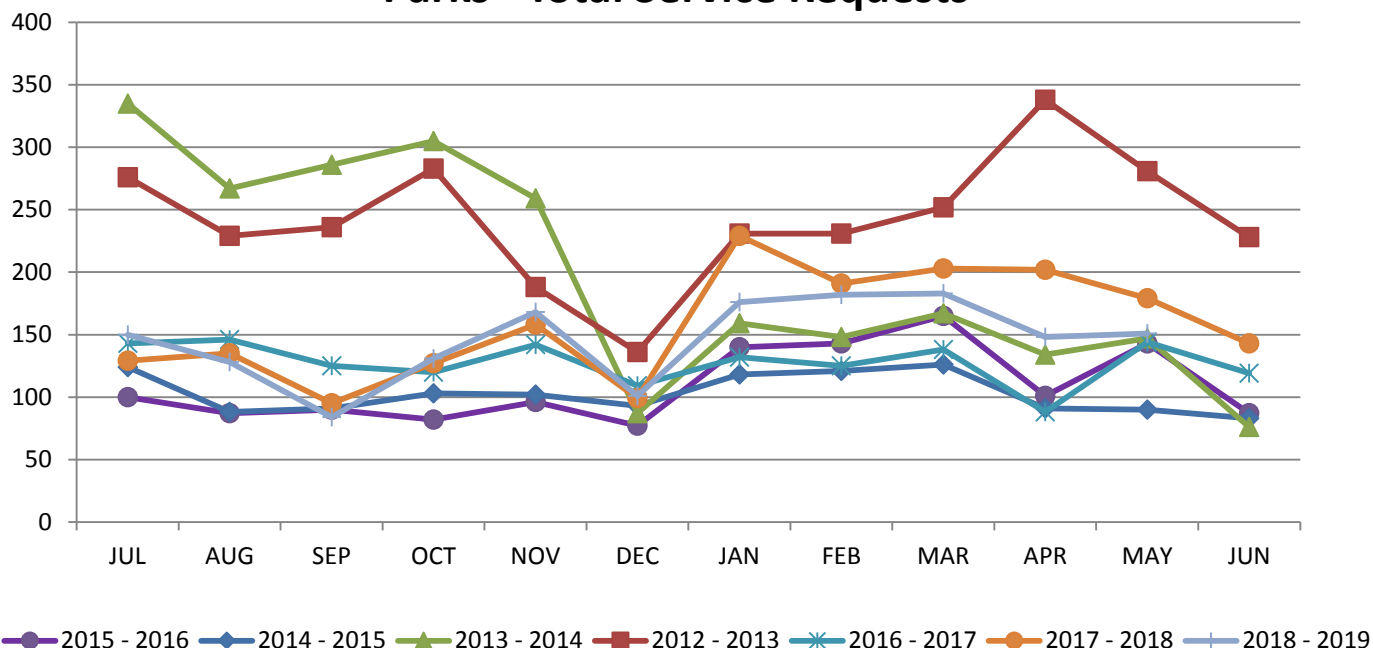
Note: The single positive e-coli result was detected after a routine sample was taken from a private tap at Uretiti. The chlorine levels in the water were high and all follow up samples were negative so there was no risk to the supply. The drinking water standards allow a single positive during the year for the Bream Bay zone without a non-compliance being recorded. As a result of feedback from the lab staff an upgrade programme has been started to improve the sample points. The programme is ongoing and should reduce the risk of poor samples being taken.

## Customer Request Management Services (CRMs)

The Infrastructure Group received a total of 1741 CRMs in the month of May 2019. 8991 CRMs received in total for 2019 (Jan – May) to date. A total of 20,183 CRMs were received for the Infrastructure Group in 2017 – 2018 financial year.



## Parks - Total Service Requests



The Parks and Recreation team received 151 CRMs in May 2019. Impressed feedback was received on 7 CRMs in May (including 2 “Bouquets”), with no dissatisfied customer feedback for the month.

Here are some examples-

### May Impressed-

PRK014816 Caller is concerned as he did notice that Hihiaua Park was mowed yesterday and contractors are back again mowing it again. Just curious as to why it may need doing twice? Advised that the area has not been mown twice. Yesterday the main open areas were mowed and today a specialised mower with more accessibility came in to mow the boundaries and edges. *Feedback was that the caller is very happy with the service our Parks contractor provides.*

PRK014826- "No dogs in Pond and Wetlands" sign removed from the pond at Barge Park. The sign used to be in front of the pond, but now it's only in front of the wetlands. Getting influx of calls to rescue ducks that have been ripped apart by dogs. Please replace the sign so the rules can be enforced. The sign was moved in position as per instruction from Aubrey Gifford. *Feedback- Impressed- "The sign has been put in the perfect place. Thank you"*

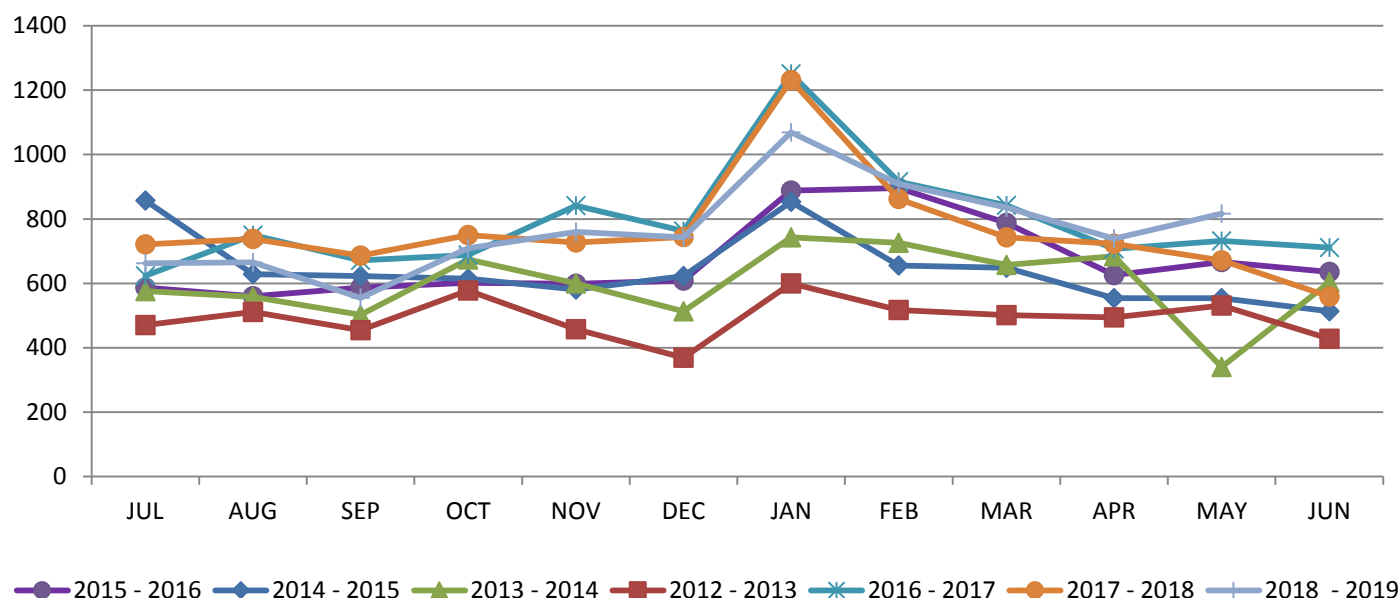
PRK014755 – Parks Bouquet- *"Big ups to our Council for the improvements at Laurie Hall Park (new pathways and steps). Keep up the great work in our City! I do though have a request to perhaps do a white strip to help the visually impaired please"*

PRK014841- Parks Bouquet - *The staff member that did the mowing along the esplanade @ the end of May Grove Ln, Tamaterau today did a super fabulous job. This is the second time this man has done it and both times he did the best job we have seen. Big thank you to the council and contractor.*

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

- General Parks queries- 58 (eg access to reserves, Drone requests etc)
- Tree and Street Tree queries- 41 (eg tree fallen over/branches down)
- Cemetery enquiries- 15 (Burial enquiries etc)
- Mowing- 5 (Queries & issues re mowing)
- Pest Plants- 4 (Queries & issues related to Pest Plants)

## Waste - Total Service Requests



The Waste and Drainage Team received 816 CRMs in May 2019. There were 7 impressed CRMs (including 1 “Bouquet”) recorded for May and no counts of dissatisfied feedback were received.

Some examples of the calls are below-

### May Impressed-

WA076248- Caller lives at #83 Ritchie Road. Advising the beach access way next to her property has two manholes. One has a broken concrete around the lid (lid intact) , leaving a hole big enough for a child to fall into. *Feedback- Hydrotech came out the same day and made it safe. Very impressive!*

WA076592- Household Pump Unit alarm sounding.

Hydrotech visited the site and found a faulty pump. Swapped over pump with a standby unit and set back into operation. *Feedback- Contractor was out on time, worked right till dark until issue was resolved. Cannot complain about them - big ups to the contractor.*

WA076367- Rubbish at 92 Pukeatua Road was not collected last week. Caller put it out on Wednesday, in the same place as usual. (Call Centre explained we may leave it and collect everything on Thursday.) *Feedback- Impressed- Phoned caller- rubbish is being collected as normal again. She said it was excellent!*

WA076400- Customers recycle bin (16 Station Rd, Kamo) was not emptied last week and almost missed again this week. Driver was on the phone. She rapped on the window and they came back but is not happy that her bin has been/almost missed twice.....Feedback from NWL says that the Operations Manager will speak with the driver.

*Feedback was that the customer was advised of this and she was (impressed) that the Ops manager would be able to speak to the driver directly.*

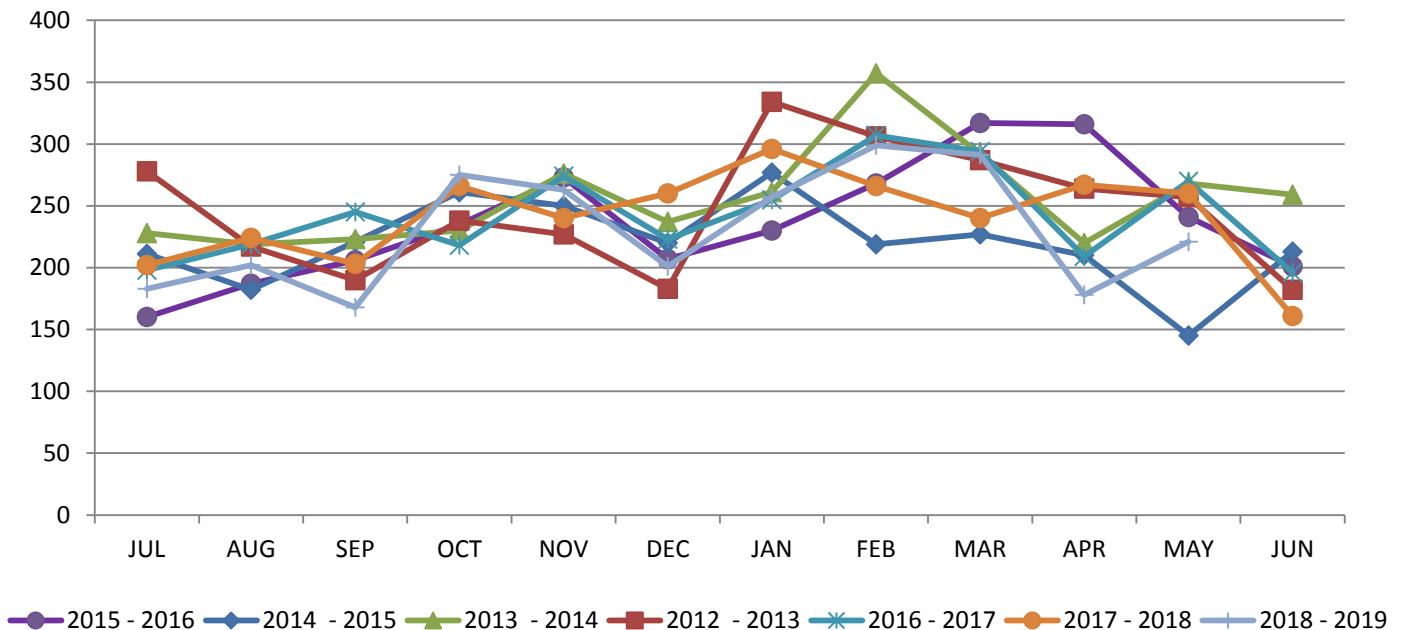
WA076531- Waste Bouquet - *Thank you for a wonderfully clean toilet facility with hand soap and a functioning hand dryer at the Mander Park Toilets.*

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

- Rubbish Queries – 126 calls (non-collection, fly tipping etc)
- Public Toilet queries/complaints 76 (eg Blocked toilet, soap dispenser empty).
- Recycling queries and complaints- 40 (eg Bin missed during collection)
- Sewer queries- 35 (eg blocked waste drain)
- General Waste queries- 23 (eg blocked storm drain)



## Water - Total Service Requests



The Water Services team received 221 CRMs in May 2019. Water Services received 11 acceptable and 10 impressed calls during the month of May, with no dissatisfied calls also received.

Here's some examples of the feedback-

### May Impressed-

WT031232- Smelly water leaking onto footpath @ #2 Murdoch Cres. Hydrotech have attended, (found not to be sewage.) *Feedback- Impressed, yes good to see it fixed.*

WT031770- Plumber has attended 2B Dinniss Ave to do some work and has found that the meter has been replaced and there is no tap at the meter. *Feedback- Phoned caller, Downers had already contacted him. He said they were good boys and to give them a pat on the back!*

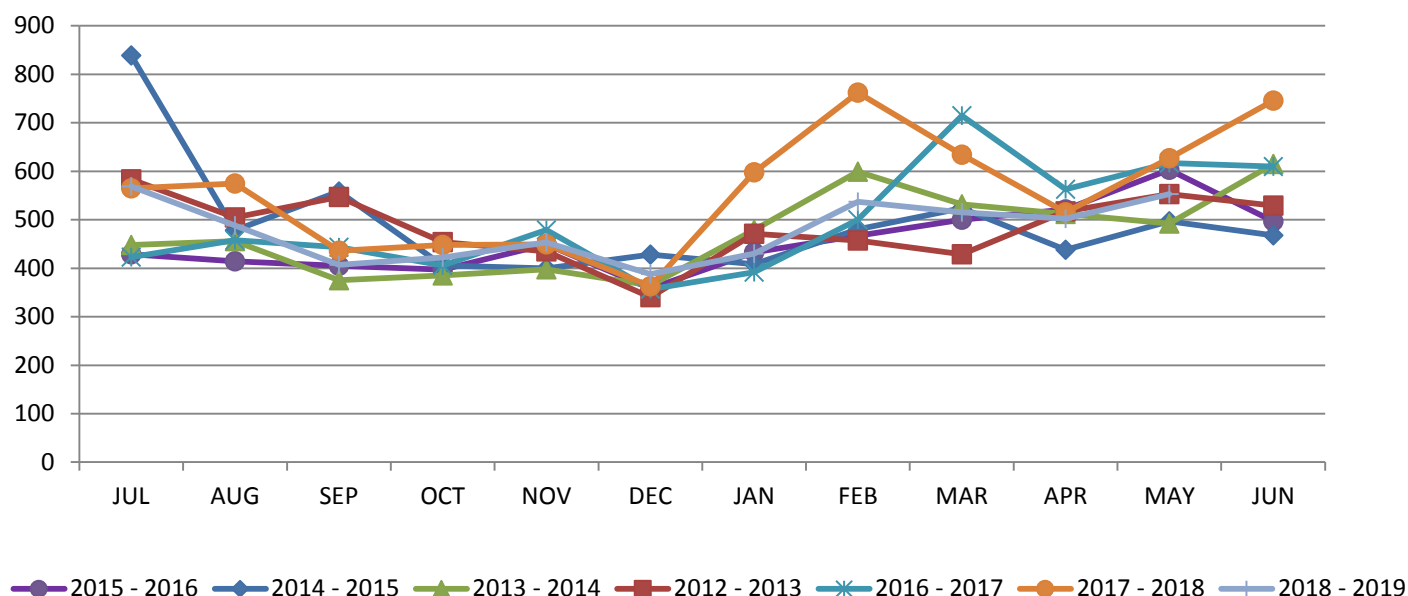
WT031856- Caller has had to turn the water off as she has a major water leak in the kitchen and awaiting a plumber. However the valve/tap has fallen to bits. She has turned the water off as much as she can.

*Feedback- Impressed- Thank you very much excellent service*

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

- Water Leaks- 103 (Leak repairs or concerns)
- Meter Box Queries- 30 (New box, new meters)
- General Water Queries- 16 (Various other enquiries etc)
- No water-11 (Interrupted water supply)
- Water Quality- 10 (Dirty water etc)

## Roading - Total Service Requests



The Roding Team received 553 Customer Service Requests in May 2019. Thirty-five follow up calls were made this month. Ten customers found our service acceptable. Sixteen customers were dissatisfied. Nine customers were impressed by the Roding team and contractors.

### Impressed Calls

#### RDG060147 - Austin Road

Please re-instate sign on Austin Road

**Feedback** – The contractors got onto it quickly – thank you.

#### RDG060620- Omana Road

Full length of Omana Rd is in terrible condition.

**Feedback** - Thank the contractor so much for doing the grading the next day. I was blown away.

#### RDG060689- Rockell Road

Inlet of culvert above 3 Rockell Road is blocked

**Feedback** – Customer was very pleased.

### Dissatisfied Calls

#### RDG060124 - Ngunguru Ford Road

Customer would like to be contacted about the condition of this road. Also, is the last 2 k's being sealed in the near future?

**Feedback** – Customer feels this road is still in bad condition.

**Actions** – The contractor has spoken to the customer and advised we are wet rolling this road, no plans to seal it in immediate future.

#### RDG059862 - Otuhi Road

The road after grading is again full of ruts, has big rocks on it, is down to dirt in places and is very dusty it really needs metal and further work on it as it is unsafe now.

**Feedback** – Customer would like to speak to the Roding Inspector.

**Actions** – Roding Inspector contacted the customer and discussed programmed maintenance – customer happy with the call.

The top five CRM issues for our Roding Department for the month of May 2019 were:

- |                                 |  |
|---------------------------------|--|
| 1. 90 reports of Roding General | E.g. General and Safety issues.                |
| 2. 91 reports of Unsealed roads | E.g. Maintenance and repair of unsealed roads. |
| 3. 48 reports of Trees          | E.g. Trees and vegetation                      |
| 4. 38 reports of Road signs     | E.g. Replacement and maintenance               |
| 5. 35 reports of Stormwater     | E.g. Clearing and maintenance. .               |

### END OF REPORT

### 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.*