

## Infrastructure Committee Agenda

**Date:** Thursday, 7 February, 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 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.

<b>1. Declarations of Interest</b>	
<b>2. Apologies</b>	
<b>3. Confirmation of Minutes of Previous Infrastructure Committee Meeting</b>	
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<b>4. Decision Reports</b>	
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<b>6. Public Excluded Business</b>	
<b>7. Closure of Meeting</b>	

## 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, 6 December, 2018  
**Time:** 10:30 a.m.  
**Location:** Committee Room 1  
 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 Stu Bell</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>Also present</b>	<b>Dylan Lease, Terry Harris and Roger Stevenson (Tutukaka Marina)</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 at this meeting.

**2. Apologies**

Cr Sharon Morgan (late arrival)

**Moved By** Cr Sue Glen

**Seconded By** Cr Anna Murphy

That the apology be sustained.

**Carried**

*Cr Morgan joined the meeting at 10.01am.  
Her Worship the Mayor left the meeting at 10.31am.*

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

#### **3.1 Minutes Infrastructure Committee meeting held 8 November 2018**

**Moved By** Cr Greg Innes

**Seconded By** Cr Vince Cocurullo

That the minutes of the Infrastructure Committee meeting held on Thursday 18 November 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. Presentation**

#### **4.1 Presentation - Tutukaka Marina**

Dylan Lease presented on the Trusts operations and initiatives.

**Moved By** Cr Anna Murphy

**Seconded By** Cr Greg Innes

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

**Carried**

*Her Worship the Mayor re-joined the meeting at 10.43am during Item 4.1.*

### **5. Decision Reports**

#### **5.1 City Centre Parking Charges**

Item 5.1 was withdrawn from the agenda.

### **6. Information Reports**

#### **6.1 Contracts Approved Under Delegated Authority**

**Moved By** Cr Sue Glen

**Seconded By** Cr Vince Cocurullo

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

**Carried**

**6.2 Infrastructure Operations Report - December 2018**

**Moved By** Cr Sue Glen

**Seconded By** Cr Vince Cocurullo

That the Infrastructure Committee notes the Infrastructure Operations Report update.

**Carried**

**7. Public Excluded Business**

There was no business conducted in public excluded.

**8. Closure of Meeting**

The meeting concluded at 11.22am.

Confirmed this 7<sup>th</sup> day of February 2018

Councillor Greg Martin (Chairperson)





## 4.1 Temporary Road Closure – Fire Engine Pull

**Meeting:** Infrastructure Committee  
**Date of meeting:** 7 February 2019  
**Reporting officer:** Petra Gray (Community Events Coordinator)

### 1 Purpose

To seek approval of the proposal to temporarily close a road to allow the Fire Engine Pull event organised by Whangarei Rotary and Cancer Society Northland to be held on Saturday 6 April 2019.

### 2 Recommendations

That the Infrastructure Committee

1. Approves the proposal to temporarily close the following road to ordinary traffic for the Fire Engine Pull event organised by Whangarei Rotary and Cancer Society Northland in accordance with the Transport (Vehicular Traffic Road Closure) Regulations 1965

**Saturday 6 April 2019**

**James Street** from Cameron Street to Robert Street

**Period of Closure:** 10.00am – 2.00pm

2. Approves the proposal to temporarily close the side roads off the roads to be closed for up to 100 meters from the intersection for safety purposes.
3. Delegates to the Chair of the Infrastructure Committee and General Manager Infrastructure, the power to give public notice of these proposed temporary road closures, to consider any objections and to either approve, cancel or amend any or all of the temporary road closures if applicable.

### 3 Background

The Whangarei Rotary and Cancer Society Northland are organizing a Fire Engine Pull to celebrate the 40 years of the Domain Lodge service.

The event will consist of 6 – 8 teams pulling a 1985 fire engine along James Street.

Each team will fund raise and bring supporters into the CBD.

The event will raise money for Cancer Society Northland for Domain Lodge.

## **4 Discussion**

Whangarei Rotary, Lions Club and other volunteers will be involved to ensure the event runs smoothly.

The Police and other emergency services are expected to provide a team and assist with crowd control on the day.

Temporary fencing will be erected and packed down on the day to ensure safety and crowd control at the event.

A traffic management plan will be submitted by Colin Twyman to Council for approval.

### **4.1 Risks**

The event organisers are working to eliminate or minimise risks where possible. A temporary road closure will ensure safety of participants and spectators during the event.

## **5 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, Council News, Facebook and marketing by the event organiser

## **6 Attachment**

Temporary Road Closure Application Letter – Fire Engine Pull (includes insurance letter)



**6 April 2019 –Request for temporary road closure of part of James St - Cameron to Robert St.**

**10 am – 2.00 pm Celebrating 40 years of Domain Lodge service to Northlanders**

**For Fire Engine Pull Event organised by Whangarei Rotary/Cancer Society Northland**

The Whangarei South Rotary Club requests a temporary road closure to enable an event to celebrate and raise funds marking 40 years of Domain Lodge service to Northlanders on 6 April 2019. The event will take place between 10.30 am – 1.30 pm.

To enable the event to be held safely, the following temporary road closure for James St from Cameron St to Robert St is requested on 6 April 2019 between the hours of 10am to 2 pm from Cameron St though to Robert St.

This event is being organised by Whangarei South Rotary Club and in co-ordination with the Cancer Society Northland (Jenni Moore – Manager – contact details overleaf).

The event: 6- 8 teams will pull a 1985 fire engine along James St. The event will raise money for the Cancer Society Northland for Domain Lodge. Domain lodge celebrates 40 years of service to Northlanders in 2019.

Other rotary/lions clubs will be involved as volunteers. Each team will fund raise and bring supporters. Cancer Society and Rotary will advertise the event including radio and newspaper advertising. Police/emergency services expected to provide a team and assist with crowd control. Mayor/Local MPs invited. There will be no entry cost to the public. Raffles and auction will be conducted during the event.

This event will bring families into the town centre on a Saturday morning. This will benefit local shops and eateries in particular.

A traffic Management Plan will be submitted by Colin Twyman. 09 435 0717

Temporary fencing has been arranged, delivered, erected and taken down on the day.

Attached –

- Contact details
- Confirmation of Rotary Clubs Public Liability insurance \$5m
- Health and Safety Plan tbc

## Rotary Contacts

Club President Gerard Skerten [gerard@skerten.com](mailto:gerard@skerten.com) 021 898 060

Tony Savage [tonysavage@gmail.com](mailto:tonysavage@gmail.com) 021 393 230 – event organiser

Edna Johnston 027 453 6272- event organiser

Tracey Risetto – treasurer

Jenni Moore Rotary and Cancer Society



**Cancer  
Society**

**Jenni Moore**  
Manager | Cancer Society Northland  
Te Kahui Matepukupuku o Aotearoa

p. 09 437 5593 f. 09 437 5602 m. 021 438 610 toll free. 0800 366 066  
Daffodil House | 73 Kamo Rd | PO Box 8100, Kensington, Whangarei 0145

[www.cancernz.org.nz](http://www.cancernz.org.nz)

Improving community well-being by reducing the incidence and impact of cancer  
Cancer Information Helpline: 0800 CANCER (226 237)

## About Domain Lodge

Domain Lodge is located at 1 Boyle Crescent, Grafton, just across the road from Auckland City Hospital, the Regional Cancer and Blood service and the Auckland Domain.

Domain Lodge is owned and operated by the Cancer Society Auckland, a non-government organisation funded by donations and bequests.

**Fire Engine –** (has current COF, registration, goods license)





Crombie Lockwood (NZ) Ltd  
 Level 4, 100 Beaumont St, Westhaven, Auckland  
 Private Bag 65 910 Newton, Auckland 1145  
 P +64 9 623 9934 F +64 9 623 9901  
[www.crombielockwood.co.nz](http://www.crombielockwood.co.nz)

25<sup>th</sup> June 2018

## To Whom It May Concern

### Confirmation on Cover

This confirms that a Policy No. P000037498PUR has been issued in the name of:  
 Rotary International District 9910 Incorporated, and Rotary Clubs, Rotaract Clubs and Interact  
 Clubs in the District in New Zealand including Charitable Trusts formed within those clubs

INSURER:	QBE Insurance (International) Ltd		
POLICY TYPE and SUM INSURED:	(1)	Public Liability	\$5,000,000
	(2)	Forest & Rural Fires Act	\$1,000,000
	(3)	Statutory Liability	\$1,000,000
	(4)	Officers Liability	\$1,000,000

PERIOD OF INSURANCE: 01<sup>st</sup> July 2018 to 01<sup>st</sup> July 2019

Territorial & Jurisdictional Limit:

- (1) Worldwide excluding USA & Canada
- (2) New Zealand
- (3) New Zealand

Subject to: Policy Wording PURPL Combined Liability Solutions for Associations' PUR 0116

Yours sincerely,

Philippa Berry  
 Broker  
 Crombie Lockwood  
 DDI: 09 362 4119



## 4.2 Temporary Road Closure – Rev Up Whangarei 2019

**Meeting:** Infrastructure Committee  
**Date of meeting:** 7 February 2019  
**Reporting officer:** Petra Gray (Community Events Coordinator)

### 1 Purpose

To seek approval of the proposal to temporarily close roads to allow the Whangarei Road and Custom Clubs to hold the Rev Up Whangarei event to be held on Saturday 27 April 2019.

### 2 Recommendations

That the Infrastructure Committee

1. Approves the proposal to temporarily close the following roads to ordinary traffic for the Rev Up Whangarei event in accordance with the Transport (Vehicular Traffic Road Closure) Regulations 1965

**Saturday 27 April 2019**

**Cameron Street** from Bank Street to Walton Street

**Rathbone Street** from Cameron Street to Robert Street, including a closure of the Rathbone Street end of Butter Factory Lane

**James Street** from Cameron Street to Robert Street

**John Street** from Cameron Street to 10 meters south of the entry ramp to the John Street public carpark building

Period of closure: 6.00am – 3.00pm

2. Approves the proposal to temporarily close the side roads off the roads to be closed for up to 100 meters from the intersection for safety purposes.
3. Delegates to the Chair of the Infrastructure Committee and General Manager Infrastructure the power to give public notice of these proposed temporary road closures, to consider any objections and to either approve, cancel or amend any or all of the temporary road closures if applicable.

### **3 Background**

The Whangarei Rod and Custom Club Inc have held successful Rev Up Whangarei events in 2017 and 2018 in the CBD and this has become the opening event for the Festival of Motorsport. As a result, the number of participants has grown over the years and the organizers are wanting to add to the closure to ensure de congestion in areas and safe pedestrian access.

The event will consist of a static display of 300 hot rod and custom vehicles, live entertainment, a best dressed shop window competition and skills competitions such as wheel-changing. This event has no entry fee which makes this a great community event in the heart of the CBD.

The organizers will be collecting donations to go towards their nominated charity.

### **4 Discussion**

Substantial consultation has taken place with the retailers effected by this closure with no negative feedback to date, this consultation will continue in the lead up to the event.

The Whangarei Rod and Custom Club are experienced in managing static vehicle displays and have taken learnings in each Rev Up Whangarei event to improve the event for 2019.

The event organisers are working closely with Council staff and retailers to ensure the event is safe, well managed and to actively promote the CBD.

A suitable company with qualified personnel has been engaged and will submit a traffic management plan to Council for approval and for implementation on the day.

#### **4.1 Risks**

The event organisers are working to eliminate or minimise risks where possible. All vehicle movement in and out of the display area will be strictly managed, with all display vehicles parked prior to the retailers opening hours.

### **5 Significance and engagement**

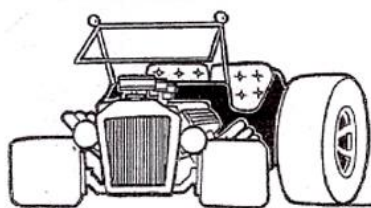
The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via [Agenda publication on the website, Council News, Facebook and marketing by the event organisers.

### **6 Attachment**

Temporary Road Closure Application – Rev Up Whangarei 2019



[



# WHANGAREI ROD & CUSTOM CLUB INC.

AFFILIATED TO THE NEW ZEALAND HOT ROD ASSN. INC.

WHANGAREI ROD AND CUSTOM CLUB INC

P.O. BOX 987

WHANGAREI

26 November 2018

Whangarei Rod and Custom Club Inc. request a temporary road closure for the [Rev Up Whangarei](#) event, being held on [Saturday 27<sup>st</sup> April 2019](#), 6.00am to 3.00pm, in the central business district Whangarei.

To enable to event to be held safely, the following temporary road closures requested are:

[Cameron Mall/Street](#) from [Bank Street](#) to [Walton Street](#)

[Rathbone Street](#) from [Cameron Street](#) to [Robert Street](#), including a closure of the [Rathbone](#) end of [Butter Factory Lane](#)

[James Street](#) from [Cameron Street](#) to [Robert Street](#)

[John Street](#) from [Cameron Street](#) to 10 metres South of the entry ramp to the John St. public carparking building.

Please refer to the accompanying street plan.

Date of closure: [Saturday 27<sup>st</sup> April 2019](#)

Period of closure: 6.00am to 3.00pm. The event will finish at 2.00pm. and cars and infrastructure will be cleared and the roads re-opened to public traffic by 3.00pm.

This event is being organised by Whangarei Rod and Custom Club Inc., as part of the Whangarei Festival of Motorsport 2019.

*The event consists of a static display of 300 hot rods and custom cars, arranged with a pedestrian laneway down the centre of each road; experience from previous Rev Up events has shown that the Western portion of Cameron Mall should be de-congested (i.e. have fewer cars) to improve pedestrian flow. Provision will be made for five Disabled Parking Spaces within the event cordon. Public access to the John St. parking building will be outside the event cordon. Entry to the event will be free for the public, but there will be a collection taken for a nominated charity. There will be a live band; rock-and-roll dance demonstrations; a best-dressed competition; a best shop window display competition; and skills competition such as wheel-changing. Participants are predominantly from Whangarei and Northland, with others expected from Auckland or further afield. A very wide cross-section of the community is expected to attend.*

*Benefits from the event will accrue from community participation, activities and opportunities in the CBD, and economic activity amongst retailers and the hospitality sector. Substantial consultation with CBD retailers has taken place, with no negative feedback to date, and will continue in the lead-up to the Rev Up Whangarei event.*

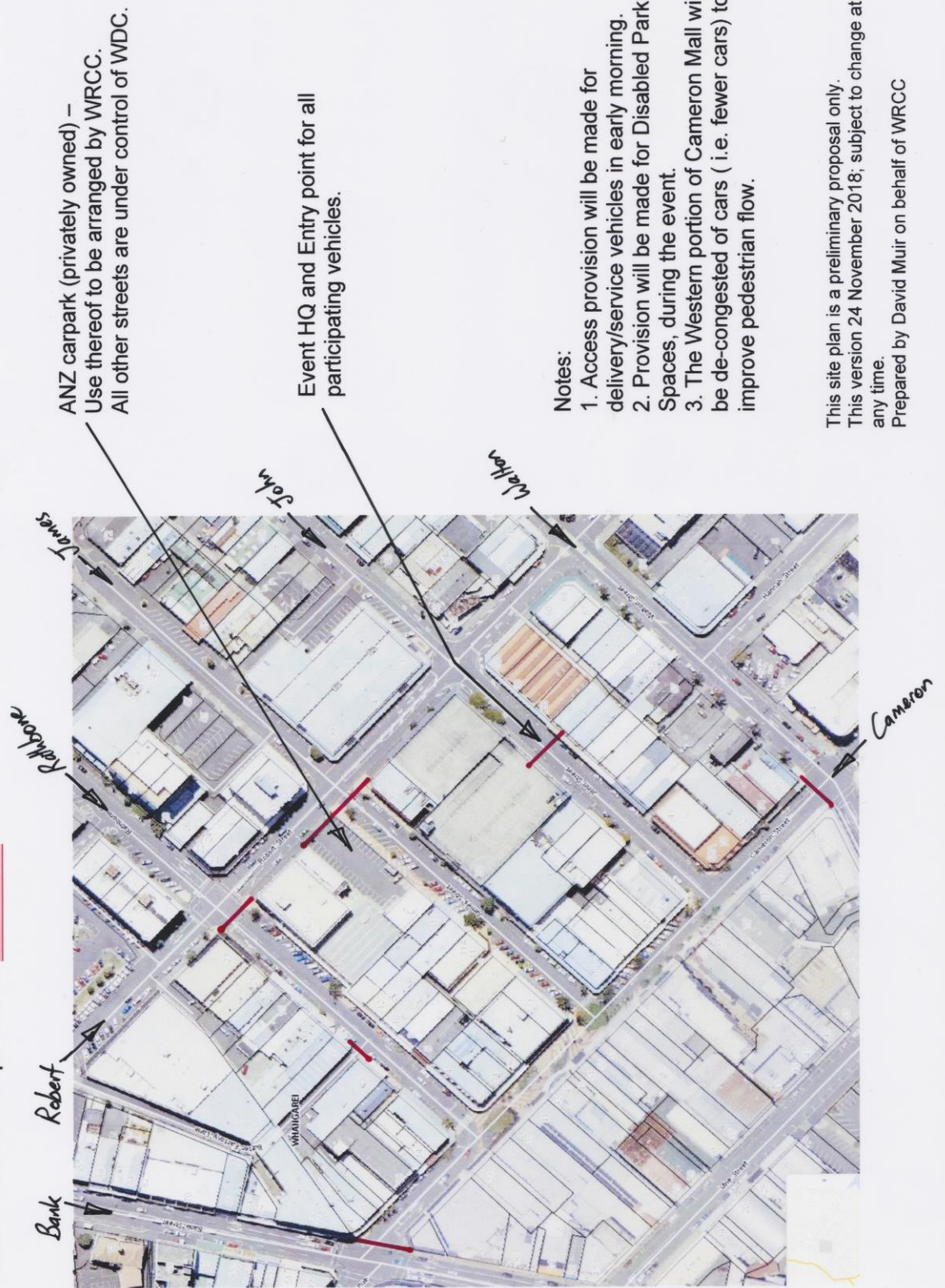
A traffic management plan will be submitted to Council by [Kia Tupato Security, of Whangarei](#), who will also provide traffic management services for the duration of the temporary road closure.

Signed:

[David Muir](#),  
Organising Sub-committee member,  
On behalf of WRCC Inc.  
E.mail: [david.muir@xtra.co.nz](mailto:david.muir@xtra.co.nz)  
Mobile: 027 688 2208  
Postal: as per letterhead

Alternate contact:  
David Seymour,  
Chair, organising Sub-committee.  
E.mail: [mail.davidseymour@gmail.com](mailto:mail.davidseymour@gmail.com)  
Mobile: 027 430 2250

**Repco Rev Up Whangarei 2019** – proposed event site plan. Saturday 27 April 2019, 6.00am to 2.30pm.  
 Organisers: Whangarei Rod and Custom Club Inc.; as participants in the Whangarei Festival of Motorsport.  
 Traffic control required at red lines.





## 5.1 Contracts Approved Under Delegated Authority

**Meeting:** Infrastructure Committee  
**Date of meeting:** 7 February 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**

1. Parks and Recreation	
CON17015	Laurie Hall Walkways and Lighting Upgrade
CON18035	Potter Park Playground
CON18068	Dog Park Drainage

### 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 February 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. Parks and Recreation

CON17015 Laurie Hall Walkways and Lighting Upgrade
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#### Purpose

CON17015 Laurie Hall Walkways and Lighting Upgrade, is for the construction of area and amenity lighting, footpath and concrete stair renewal along with rock wall reconstruction and some soft landscaping measures, the site is in Laurie Hall Park, Whangarei.

Temporary pedestrian management has been identified as a key item for this contract as safe pedestrian egress will be required at all times. The time constraint of completing prior to ANZAC day, 25<sup>th</sup> April 2019 is also a consideration.

#### Procurement

The procurement process for the physical works tender was run in accordance with Whangarei District Council Procurement Policy. This consisted of an Open Tender put on [www.tenderlink.com/wdc](http://www.tenderlink.com/wdc) and closed on the 20<sup>th</sup> November 2018 at 3:30pm, three tenders were received from two tenderers.

Tenderers Name	Price (excl. GST)	Comments
Robinson Asphalts	\$489,920.00	Timaru Blue Stone cladding
Steve Bowling Contracting	\$512,555.65	Timaru Blue Stone cladding
Robinson Asphalts	\$528,873.00	Granite cladding
<b>Engineers Estimate</b>	<b>\$426,998.00</b>	<b>Granite cladding</b>

#### Evaluation

The tender evaluation method was Lowest Price Conforming. All tenders were conforming. While initially the granite cladding was the desired outcome for the project, concerns were raised by contractors through the Notice to Tender process regarding their ability to source the product, a second stone was nominated, Timaru Blue Stone.

The price difference is reflected in the prices received between the Timaru Blue Stone and the Granite. Discussions with the Project Sponsor and Landscape Architect confirm that the Timaru Blue Stone is suitable.

Robinson Asphalts had the Lowest Conforming price of \$489,920.00 excluding GST for the Timaru Blue Stone cladding, this includes a contingency of \$20,000.00.

#### Financial

PJ00166-CX-6480 has \$442,618.00 available.



PJ00066-CX-6480 has \$40,000.00 available.

The total available budget is \$482,618.00.

It is not foreseen that 100% of the contingency will be expended on the works, it is anticipated that the contract physical works will not exceed the total available budget of \$482,618.00

### Chief Executive Approval

CON17015 Laurie Hall Park Asset Renewals (Timaru Blue Stone) is awarded to Robinson Asphalts for the sum of \$489,920.00 (Four hundred and eighty-nine thousand nine hundred and twenty dollars) excluding GST.

<b>CON18035</b> <b>Potter Park Playground</b>
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### Background

The 0.4 Ha parcel on the corner of Corks Road and Vinegar Hill Road has been donated to Council as a recreation reserve by the Tikipunga Protestant Children's Home Trust. The Trust also donated \$100,000.00 including GST for installation of a playground. Council will contribute an additional \$100,000.00 excluding GST for other works.

The trust has requested that the playground provides for children aged 5 to 12 years.

### Procurement

Four playground suppliers were asked to provide playground designs for a maximum quoted price of \$70,000.00. Designs were reviewed by staff representatives from the Parks, Community and Infrastructure Planning and Capital works Departments. Three designs were shortlisted based on their value for money and play value.

Shortlisted designs have been taken for consultation at three local schools for the children to choose their preferred option. A design by Playco Equipment was chosen. Some adjustments have been made to the playground design to allow for greater accessibility.

### Financial

A budget of \$200,000.00 is available under PJ00319 CX 6480. The remaining budget will be used for installation of a shade sail, footpaths, an asphalt cycle track, furniture, bollards and a drinking fountain.

### General Manager Approval

CON18035 for Potter Park Playground Design and Build is awarded to Playco Equipment for the quoted sum of \$79,690.00 (Seventy-nine thousand, six hundred and ninety dollars) excluding GST.

<b>CON18068</b> <b>Dog Park Drainage</b>
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### Background

The projects principal purpose is to provide year-round access to the dog park by providing increased and improved drainage, improving the topsoil covering the clay cap and providing a hardwearing grass thatch.



### Contract Tender

The tender was publicly advertised through Tenderlink on the 12<sup>th</sup> October 2018 and closed on the 13<sup>th</sup> November 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;

<b>Tenderer</b>	<b>Total Tendered Price (excl. GST)</b>
Enviro360	\$189,178.00
Northland Transport Ltd	\$265,040.00
Donovan Enterprises Ltd T/A Hutton & Cameron	\$299,114.00
Recreational Services	\$303,326.27
Clements Contracting	\$328,492.74
Engineers Estimate	\$287,935.00

Enviro360's submission was the lowest price. Enviro360 were invited to a meeting to clarify the discrepancy between the Form of Tender submitted and the Schedule of Prices and to discuss their pricing. They resubmitted the Schedule of Prices and confirmed that they were able to proceed with the work at the submitted price. The rest of their submission was found to conform with all the tender attributes and requirements. The Tender Price includes 15% contingency should extra work be required.

### Financials

This project will be funded from PJ00342, LTP Indicator 00179 – Dog Park Upgrades with a budget of \$300,000.00.

### General Manager Approval

That Enviro360 be awarded the Contract to undertake the Dog Park Drainage for the tendered price of \$189,178.00 including a contingency of \$30,000.00 (one hundred and eighty-nine thousand, one hundred and seventy-eight dollars) excluding GST.



## 5.2 Infrastructure Operations Report – February 2019

**Meeting:** Infrastructure Committee  
**Date of meeting:** 7 February 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 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, November - December 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 Attachment

Infrastructure Operations Report – February 2019

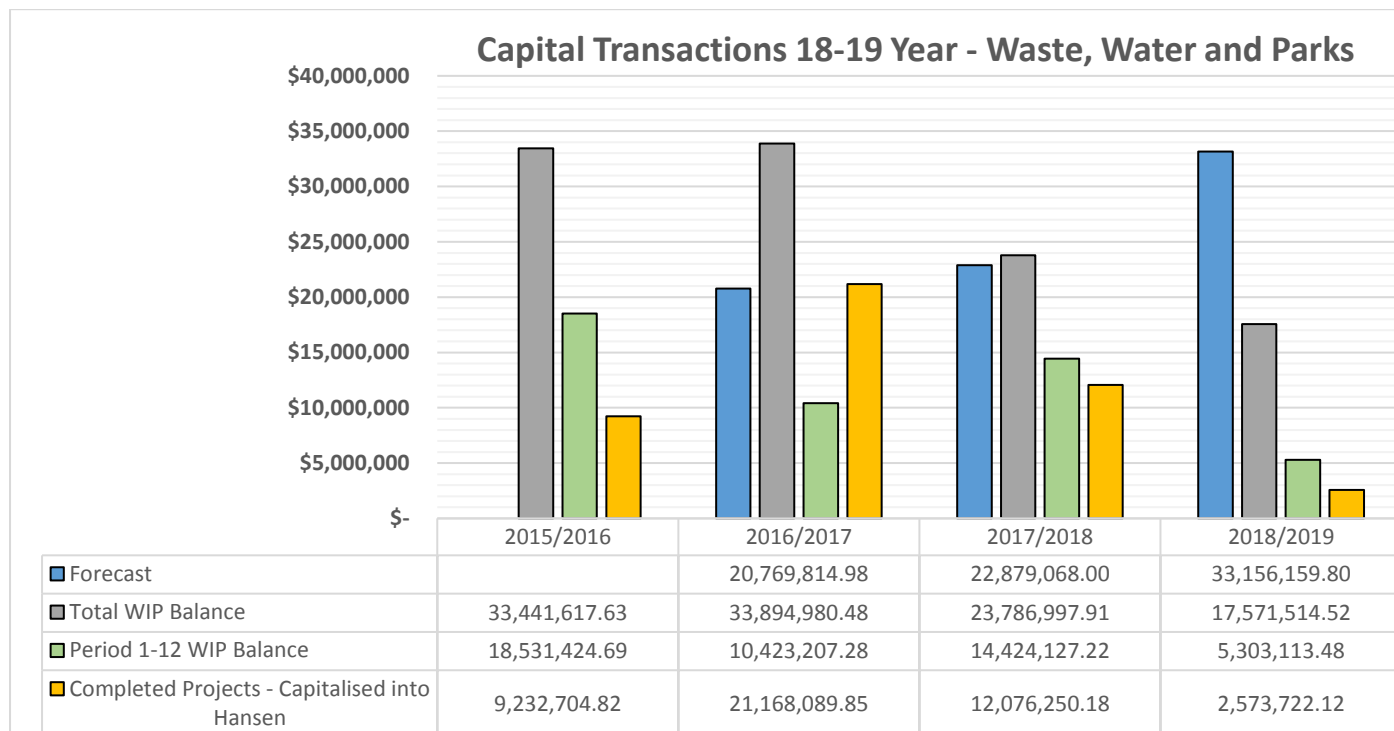


## Infrastructure Development

### Asset Capitalisation

The Capital transactions graph is a snapshot of where transactions are at a certain date.

The outstanding WIP items from the previous year are still waiting on as built drawings but some progress has been made and it is expected that the drawings will be provided in the near future.



### Asset Management

The AMS/GIS project is gearing up to a higher level now the new Project Manager has been appointed.

Data Cleansing and Componentisation is progressing well among the Parks, Waste and Water teams, and the Cleansing is expected to continue for the duration of the project and beyond but with most of the work being completed before the go live date, anticipated to be early next year.

The process has highlighted a significant group of work carried out by a previous WDC employee, which until now has not been fully utilised but is of substantial benefit to the management of a particular asset class, and could result in some possible savings on expenditure in the future.

As-Builts are still slow coming in and are in a more acceptable condition than has been experienced in the past.

BlackBox22 is progressing and is being aligned with the requirements of the AMS/GIS project before installation and roll out.

The new Team member, is working in well with the team, and has been instrumental in making changes to the GIS system to align with the Parks componentisation. He is currently assisting the Waste Department.

### Development Engineering

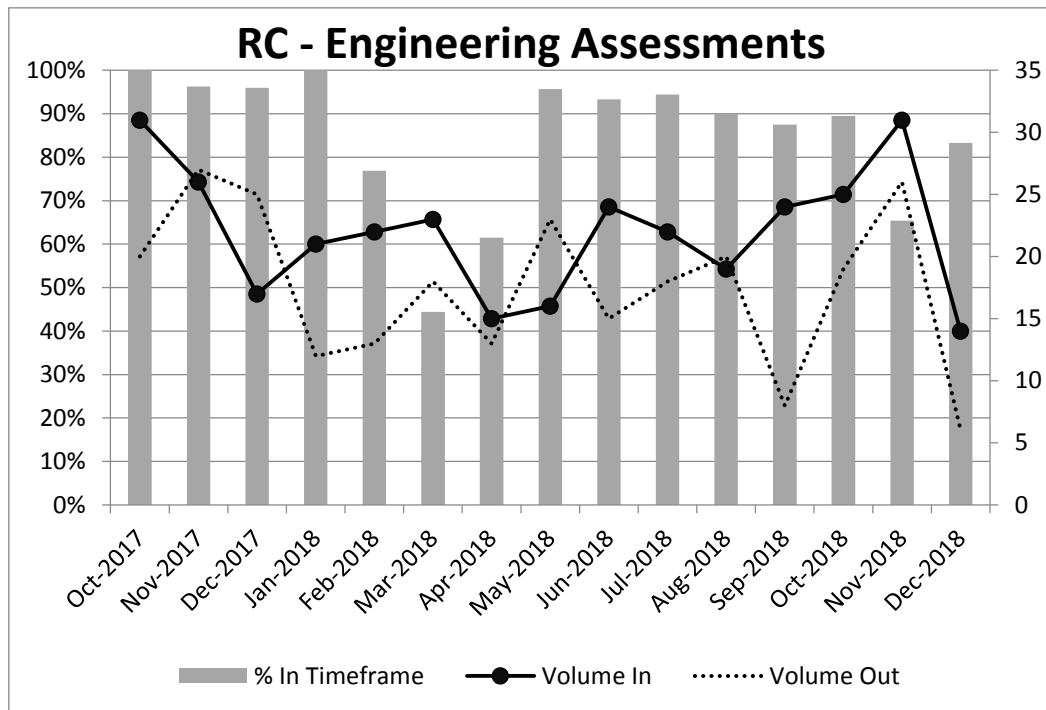
The volume of applications in November peaked at 31 applications. This influx has put a lot of pressure on current resources. The number of applications completed within the service level agreement timeframe dropped to 65%. As a comparison, 14 applications were received in December, with 83% completed within the timeframe.

Although complexity plays a part, the optimal performance for the team occurs when the average number of applications sits at approximately 20 applications per month.

We have now changed how we work with our consultants to improve the quality of consents; consultants now sit with staff in the council offices one day per week. This practice allows training to occur, as well as oversight of the work being carried out by the consultants.

Along with the increase in the number and complexity of applications, there has also been an increase in the demand for pre-application meetings. While pre-application meetings are encouraged, these can place extra demand on the development engineers team.

Due to other work demands associated with the capital works programme, assistance from the projects team has reduced. We continue to rely on consultants to assist with inspections, engineering plan approval and reporting to meet the statutory deadlines.



## Infrastructure Support

Training of the new support assistant is progressing, where 60% of the types of support work required has been completed. This work includes vehicle crossing application and issuing of permits, previously done by the roading support staff.

Work on internal process improvements has been scheduled and is reviewed on an annual basis. This will be updated throughout the year.

Collaboration with finance to provide feedback on the dashboard request improvements has been completed.

Vehicle crossing proformas have been updated and are now ready to be tested and then loaded into Tech One production.

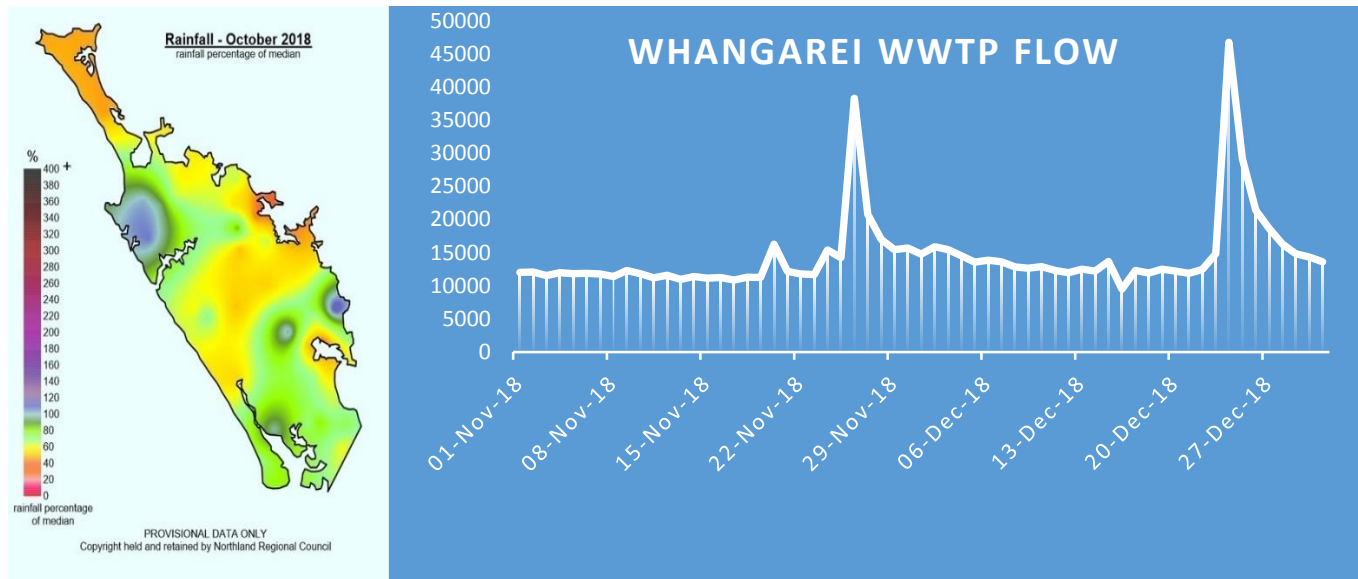
To ensure financial obligations to contractors are met, regular tracking of the defect liability end date is now undertaken to ensure that payments are made on time. These are being captured in the 'I.S.' detail report. As part of this work, reviewing all old contracts and removing obsolete purchase orders is being carried out.

KBU testing for updated version of CI has been completed and further testing and training for the contract solution has been scheduled for February and March. Some extra resource will be required while key staff are undertaking the training.

## Waste and Drainage

### Whangarei WWTP

November and December were both fairly dry with 128mm of rainfall in November and 129mm in December. However there was a significant event on the 26<sup>th</sup> November and another on the 24<sup>th</sup> December. Both rainfall recordings were over 70mm during a 24-hour period.



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

### Health and Safety

Quad bike training refresher to be scheduled. Training guidelines read and signed by all staff. Noise dose survey completed around all treatment plants by two staff. Hazardous substances site plan to be developed. H&S sign replaced at the access gate for Portland WWTP. Safety chain post fabricated for Oakura, ready for installation on site soon.

### Kioreroa WWTP Operation

The settleability issues continued through November with aluminium sulphate dosing not having the desired effect, so sodium hypochlorite dosing was trialled and although it worked well at controlling filamentous bacteria, it also reduced beneficial bacteria therefore treatment performance did drop off a little. There was one extreme flow event totalling 3605m³ on the 26<sup>th</sup> of November and another totalling 2275m³ on the 24<sup>th</sup> of December. There have been several power cuts recently requiring a full plant re-start.

### Kioreroa WWTP Maintenance

The dissolved oxygen sensor was replaced in activated sludge basin 1, control box display replaced also. Drive wheel replaced primary clarifier 2. Idler wheel replaced secondary clarifier 1. South wall lower level sludge room painted. Safety shut off valve replaced boiler 2. Centrifuge 1 rotating assembly serviced. Main admin building garden bark has been replaced.

### Rural WWTP Operation and Maintenance

Another truck and trailer of sludge removed from Tutukaka. Wetlands sprayed out Tutukaka. Mowing of zone 6A in Ruakaka, no longer required due to decommissioning. Low water level probe issues early November caused lamps to shut off and probe prong replaced. Oakura HMI display failed early November, this has been replaced. Tutukaka effluent dropped back to monthly sampling following installation of new ultra violet disinfection system. Hikurangi electrical cabinet moved to new concrete pad. Fuse holder on Waipu power supply failed, this has been replaced. Waipu rapid infiltration beds sprayed for weeds. Oakura and Tutukaka plant process overloaded due to seasonal population increases.

### People and Capability

The Operations Engineer role has been filled with the successful applicant starting late January. The wastewater treatment technician role is to be re-advertised. Our treatment plant operator completed his onsite diploma assessment but is yet to receive his certificate.

## Reticulation

There were two sewerage spills in November and four in December as below.

Date Spill Ceased	Location	Cause	Volume (m³)	Type of Sewage	Action Taken
12/11/2018	80 Great North Road Kamo	Blockage in downstream line consisting of fat and baby wipes	1.0	Raw	Line cleared, NRC and DHB notified
13/11/2018	1320 Matapouri Road Sandy Bay	Fitting came apart in public toilet disposal area	1.0	Partially treated	NRC and DHB notified, spill signs erected on beach, fitting repaired
25/12/2018	21 Takahe Street	Catchment capacity issue following heavy rainfall	2.0	Raw storm water diluted	NRC and DHB notified, area isolated cleaned and disinfected
25/12/2018	Opposite 627 Whangarei Heads Road Tamaterau	Leak from failed air release valve	2.0	Raw storm water diluted	NRC and DHB notified, failed valve removed, isolation valve fitted, spill signs placed on beach
26/12/2018	222D Morningside Road	Root intrusion in manhole outlet	100 Litres	Raw storm water diluted	NRC and DHB notified, roots removed, spill site cleaned and disinfected
27/12/2018	313 Western Hills Drive	Blockage in downstream line consisting of fat and baby wipes	5.0	Raw	NRC and DHB notified, line flushed, CCTV scheduled

## Capital Works Projects

### Sewer and Stormwater CAPEX

**Takahe St Sewer Diversion:** This project which will resolve the sewage overflow in Takahe St, Tikipunga. Construction is underway and due for completion early February 2019.

**Hikurangi Sewer Rehabilitation Stage 2:** This project is to rehabilitate Hikurangi sanitary sewer network to reduce groundwater infiltration and restore structural integrity of the pipes. The contract was awarded to Quik-shot and construction is expected to start by end of January 2019.

**Tutukaka UV System Replacement:** Installation of the new UV system was completed in December 2018.

**Porowini Ave Stormwater Quality Improvement:** Opus are currently completing the design of a storm water treatment system for the water body adjacent to the Porowini railway overbridge. Construction is planned to be completed before winter.

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

### Sewer and Stormwater Renewals

**Port Rd:** Replacement of 80 meters of 225mm gravity sewer is complete.

## Consents and Compliance

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

Ngunguru continues to be non-compliant for ammonia levels. Current results of further testing indicate high ammonia levels in the pond effluent. A report on the ecological effects of the higher ammonia levels was completed and currently being reviewed.

The consent to increase flow to Waipu has been granted.

Waste and Drainage are currently reviewing draft conditions that have been prepared by NRC for a revised Ruakaka consent.



## Solid Waste Operations

Christmas and New Year kerbside volumes were high as usual and the collection crews were working long days, but the majority of runs were completed as scheduled and the number of complaints was relatively few compared to previous years. Complaints about transfer stations and illegal dumping were lower than last year and having WDC Call Centre staff working over the Christmas period seemed to make managing the complaints much easier.

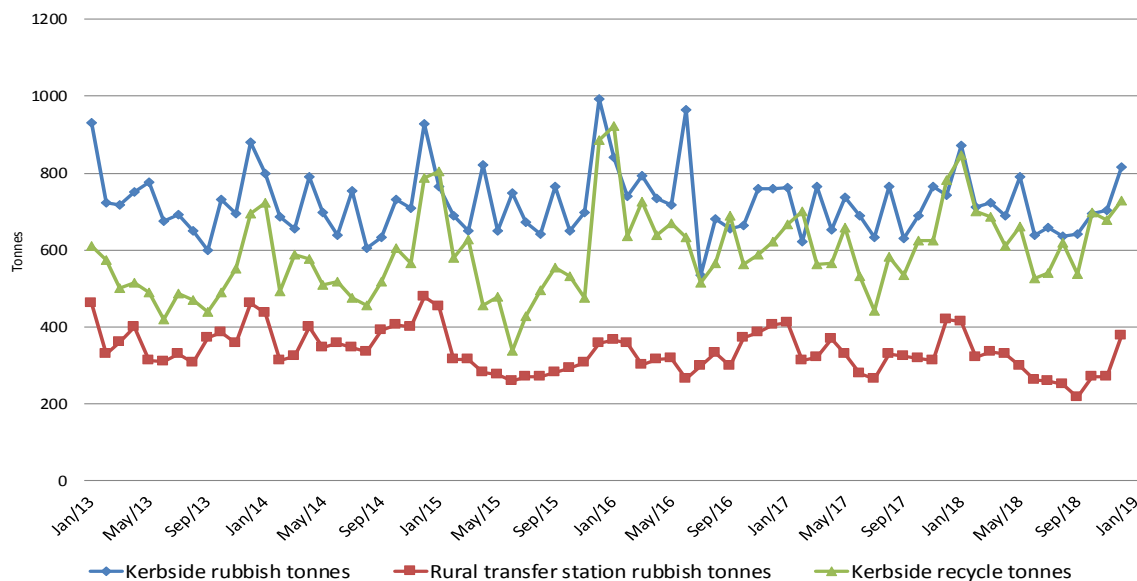
New site offices have been installed at 4 rural transfer stations.

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

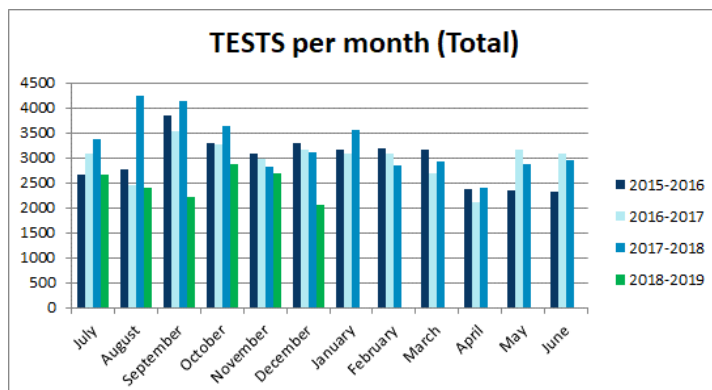
Rubbish Collection Tonnes	2017/18	2018/19	RTS Tonnes	2017/18	2018/19	Recycling Tonnes	2017/18	2018/19
June	637		June	262		June	526	
May	789		May	299		May	660	
April	690		April	329		April	611	
March	722		March	335		March	685	
February	711		February	320		February	700	
January	873		January	412		January	848	
December	742	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	2629	Total for period	3940	985	Total for period	7611	2394

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

Solid Waste Tonnes Jan 2013 - Year to Date



## Laboratory Report



During November, the laboratory processed 825 samples requiring 2689 tests, 47% of jobs were reported within 5 working days. For December 638 samples were received, 2057 tests were performed with 51% reported within 5 working days.

## Number of tests performed for the month with year ending 2019

## 32 Infrastructure Planning and Capital Works

### 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: Procurement underway with tender closing 22 January. Tender award planned for February 2019.
- Pohe Island Central Carpark, William Fraser Memorial Park Development: Construction tenders have closed and have been evaluated. Construction Contract has been awarded to Cements Contractors. Construction is anticipated to begin early January.
- Bascule Carpark - Tender to be awarded January 2019. Construction planned to start by March 2019.

### Major Projects: Parks and 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 was run from 7 November until 20 December with a community consultation meeting held on 1 December.
- Seawall Renewals 18/19: 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 completed 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 would need to be allocated in later years to achieve the community's desired outcomes that include 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 has been lodged.
- Otaika Sports Park Field Construction: Construction of stage 1 which includes two new sports fields, lighting, irrigation and drainage is completed, and the kikuyu stolens are being watered daily to assist with the establishment and have the fields ready for this 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. Stage 2 fields will be ready for the following winter season April 2020.
- Hikurangi Multiuse Hardcourt: Construction of the hardcourt is complete and lighting is now installed.
- Ruakaka Sports Fields: The lighting design is complete and consent obtained. Procurement of the lighting physical works will start in January 2019 with the build expected to be completed by April 2019. 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: The tender was awarded to Robinson Asphalts. Construction starts 7 January and ends 13 April, in time for ANZAC Day.

- Laurie Hall Park Waterfall: A design is underway for the renewal of the waterfall in Laurie Hall Park.
- Whangarei Falls Carpark Amenity Upgrades - Construction is now complete. Grassing and planting will be completed closer to autumn.
- 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 – Site survey and geotechnical report completed December 2018. Availability of skate park designer and construction team has moved construction to Quarter 3 of 2019.
- Otangarei Sports Park Toilet: The new toilet is completed. A local artist has been engaged to paint the mural. This needs to be completed before the toilets can be opened to the public.
- Mackesy Bush Track Upgrade – Preliminary design of the tracks has been approved. The detailed design will be completed in January with construction expected to be completed in April 2019.
- Dog Park Drainage – Tender has been awarded and construction likely to be underway by mid-February 2019.
- Parihaka War Memorial Refurbishment – Presentation was given to key stakeholders showing project split into 3 phases. Ongoing work to align project with upcoming radio mast reconfiguration in Phase 2 and 3. Phase 1 (renovation of existing structures) scope to be finalised in January 2019, and procurement to take place in February 2019.

### **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 were received from the three shortlisted contractors on 11 December 2018. Tender negotiations meetings are currently being held with the preferred supplier. Approval to award a contract will be sought at the 7 February Council Meeting. Building consent was lodged and is currently being assessed. Construction is planned to commence in late February 2019, and is estimated to take 20 months.
- Ruakaka WTP Clarifier Upgrade: Tender closed on 22 December 2018. Tender evaluation underway. Recommendation to award contract expected by end of January. Site works scheduled to begin after high demand period ends, estimated to be after May 2019.
- Ridermain Replacements 2018/19: King Street and Corks Road watermain replacement is complete.

### **Major Projects: Waste and Drainage**

- 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 and Regulatory**

- New Animal Shelter: WSP Opus have been awarded the professional services contract. The site chosen for the location of the shelter has been assessed and has been found to be unsuitable due to construction costs. Alternative sites are being identified.

### **Infrastructure Planning**

The Proposed Regional Plan for Northland submission was lodged in early November 2017, with evidence presented at the 28 August 2018 hearing. The Commissioners final report is expected in February 2019.

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.

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 team is very busy with various project designs including leading the concept design of Pohe Island Masterplan, the New Rally Road setout and event day logistics, The New Town Basin Park (Carpark to Park) landscape design, Potter Park Playground design and Bank Street Paving refurbishment design.

Project planning has begun on Pohe Island Destination Playground and Skate Park Upgrade. Consultation and design will begin in January 2019.

Construction is underway on Whangarei Falls and Laurie Hall Park Upgrades, and soon to commence for Pohe Island Central Carpark. The landscape team will be part of the project team monitoring construction to ensure design outcomes are achieved on these projects

## Parks and Recreation

### Operational updates

#### Public Tree maintenance

Treescape only had one full time crew throughout November and December and with the Christmas break it was a short second month. The second crew is scheduled to be allocated back to the Council contract in the New Year for a couple of months and this will bring the budget back into alignment with the planned phasing.

Drier ground conditions have enabled work to take place in our city reserves with Barge Park, Te Paka, Te Rauponga and Stace Hopper nearing completion. However, street tree work has been mainly reactive. The contract has been 85% proactive in November and 75% in December which is about on target with expectation.

Our crew were required to trim back Pohutukawa trees within Waipu village centre. A relocatable house over 9m wide was to be moved early January and additional width was required to achieve this. There are multiple house movements and this impacts on our street trees frequently.

Wild weather on Christmas Eve had us concerned with crews already on leave. We were pleased that our trees remained relatively unscathed.

#### Walking Track maintenance

The upgrade of the Mackesy Bush walking tracks has reached the final stages of design and consultation. Under the design / build contract, the route at the western end has been re-routed to avoid a perilous drop through a gully close to where it meets the Ross Track. Instead, it will now take a new route further north where it will meet the Ross Track about 33% of the way up. This will be easier for users, be less prone to erosion and cheaper to construct. Liaison with hapu and archaeologists supports this proposal.

An application for funding to assist with the upgrade of the Mackesy Bush Tracks from the central government Kauri Dieback programme, has resulted in a promise of \$125,000 towards this project. This should enable all the planned work to take place in 2019.

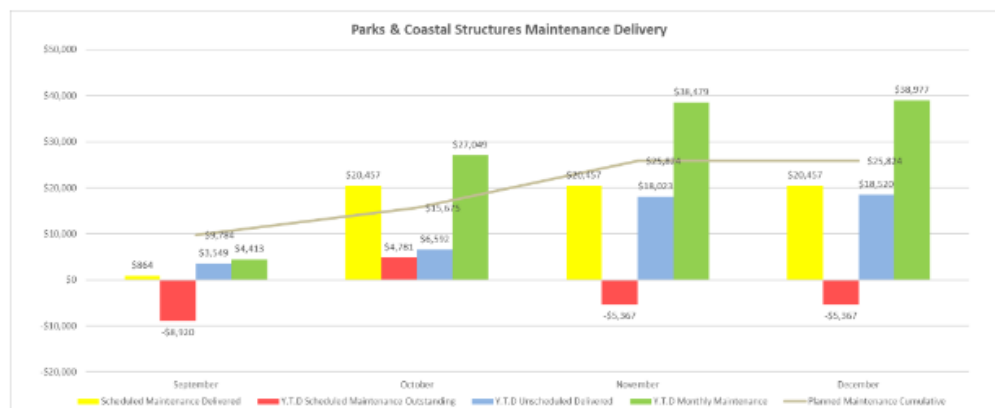
#### Coastal Structures

Scheduled maintenance is now slightly behind program, mainly due to peer review of scheduled repairs to the George/Waverly street pedestrian bridge, identifying the need for a different handrail solution or complete bridge replacement.

December focused on inspections with 75 being completed across all seawalls, pedestrian bridges and platforms. In general repairs identified are already programmed and priced in the contract for year 2.

CRM's relating to steps at Beach Rd seawall were identified in the routine inspections and repairs are programmed.

The only physical maintenance was on existing signage and safety netting at the Paradise Shores caves.





Safety repairs to the Urquhart's Bay Wharf landing steps started Monday 21<sup>st</sup> January. Due to changes in treatment of marine grade H6 timber, sourcing this product is problematic.

## Sports Fields

November was a good month weather wise, but grass growth was strong and kept mowing crews busy. December started drying up quickly, relieved by significant rainfall on Christmas Eve. A total of 234mm rainfall recorded for the 2 months. Renovation works continued with verti draining, coring and topdressing operations being completed during the period.

Rain affected a Ford Trophy cricket match and international games. These events always require a significant time input from contractors and staff.

December returned to a more normal month, with hot and dry conditions meaning mowing requirements eased off and line marking was also lasting longer due to significant dry spells.

With the new development at Otaika Sportspark progressing, the model aircraft club has requested approval to move their strip further back to the west of the new fields. Discussions with the grazier of this area resulted in agreement of an area for the club to use.

Average of audit results was 96.5 % and 95.5 % for the two months, against a target of 90%.

## Parks and Gardens

There was enough rain over the two months (with regular small falls) to keep the grass and weeds growing. The average temperature for both months was warmer than usual.

During the month of November and December, the contractor was busy with finishing the last of the annual beddings as well as keeping up with their schedules. The rain during this period was favourable for the newly planted annual beds, which are starting to show some colour. Warm temperatures and humidity also encouraged weed growth as well as disease.

The hanging baskets were hit hard with disease (Sclerotinia), which led to the decision of not putting them up for display. We drew on another batch of plants and the new baskets were put up in mid-January.

Grass is continuing to grow rapidly, so the contractor has been flat out to keep on top of mowing. Some areas the contractor is having to make time early in the morning to be able to get areas completed, due to the summer crowds.

Frustrations have been growing throughout the month with a few coastal sites unable to be completely mown, due to large numbers of vehicles over the turf areas.

We have recently installed new banners at the entrances to our Hatea Walkway sites (Whangarei Falls, AH Reed, Mair Park, Parihaka and Hatea walkway at the aquatic centre). These banners replace the Green flag banners that were severely faded.

Our pest plant work continues to go well with team continuing to work in Brentwood Reserve, Bush Haven Reserve, Paramount Reserve and Hatea Walkway (AH Reed to the Falls). The Natural Area Maintenance work has begun for the summer, with a team leader employed by our contractor and initial surveys of the sites (Whangarei Falls, AH Reed, Mair Park, Parihaka and Coronation Reserve) undertaken. A 2-man team will start weed control in these areas in January.



*New Banners at the Hatea Walkway sites*

There was a steady stream of visitors to the Waipu Caves Reserve and in November, an average of 19 vehicles were counted in the late afternoon, potentially planning to camp overnight, and an average 17 counted in the mornings. A management plan for this reserve is considered an important step to ensure a sustainable visitor presence at the caves, with some expert input recommending future management of the caves and reserve.

## Parihaka War Memorial renewal

One of the renewal projects this year is the renewal of the Parihaka war memorial at the top of Parihaka. Although the lookout was up-graded several years ago and it didn't include the memorial and surrounding area, a structural report on the interior of the obelisk identified issues that need to be addressed. Recently, the Returned Services Association (RSA) approached Council and would like this area up-graded although they acknowledge Laurie Hall will remain the main memorial.

Although local hapu have issues with the placement of the memorial, they still have strong connections with it. Stage 1 of this project is refurbishing the obelisk, exterior and interior, and modernising the lighting. Stage 2, next year, will be developing interpretative signage for the area and the final stage will be improving the entranceway from the car park. Staff are working with local hapu and RSA on this project.

## Playgrounds and Skate Parks

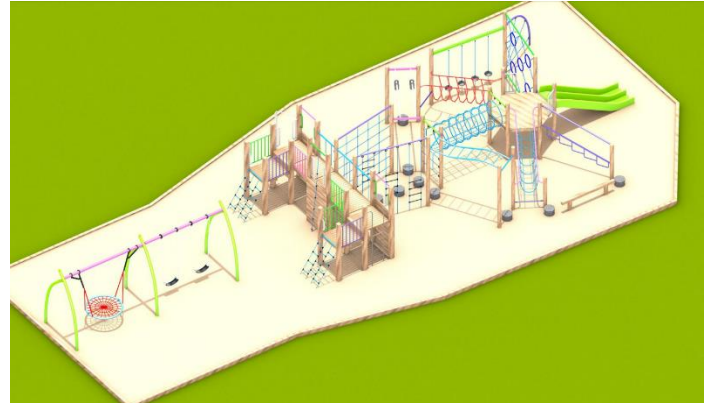
There weren't too many issues with the maintenance of the playgrounds in the lead up to Christmas. A number of swings were damaged (Mair Park, Waipu, Beach Rd), the monorail at Ngunguru needed repairs with a few nails found to be protruding.

The shade sails went up in early November at most playgrounds. There are some issues with the Laurie Hall Park and Amber Drive sails, which we are working with the shade sail company to resolve before installing those sails.

At the new Otangarei playground, we are having trouble with children accessing the sails by climbing up the poles. We installed anti climbing collars at the tops of the poles, but the children seem to use these to lever themselves up. We are now investigating other deterrents.

Two small playgrounds were renewed in the lead up to Christmas at Jeeves Park and Nixon St Reserve. Two more will be renewed in January or early February at Norfolk Rd, Reotahi and Hukurangi playground.

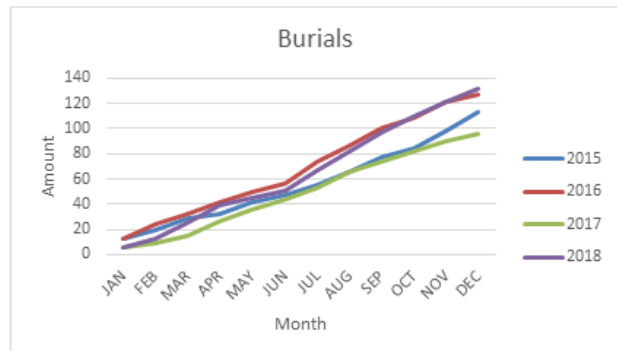
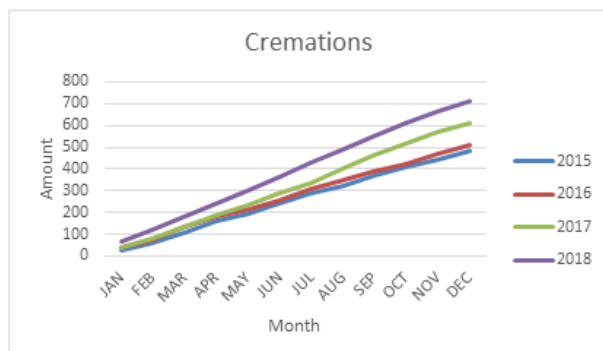
Good progress is being made with Proctor Park and after receiving feedback from the local schools. The final engineer's estimate was around \$30,000, higher than our budget. Tikipunga Childrens Home Trust were asked if they would top up their contribution so we did not have to reduce the project. They were fantastic and have given another \$30,000.



*Design of new playground at Potter Park, Tikipunga*

## Cemetery

Business as usual over the last couple of months, with the team concentrating on getting the cemeteries looking great for the Christmas/New Year period. Over the summer months and especially around Christmas we get a lot of visitors.



The Kioreroa cemetery memorial needs a paint and NPM construction has been tasked with doing this job. Looking forward to the result.

The chapel/crematorium is also getting dragged into this century with the brickwork getting plastered over, ready for the current tenant to paint the entire building soon.

NRC have kindly let us take a number of Tradescantia (wandering jew) beetles in an attempt to control the weed at the cemetery. They have been released in the glades of remembrance. This is something NRC organise every year and there was a large group of people from all over that came to collect the beetles. Crossing our fingers that they will reproduce.



*Released Tradescantia Beetles at the cemetery*

## Botanica

A couple of amazing flowering lilies are on display at the moment. The large Amazon lily (Eucharis Amazonica) is looking great thanks to the efforts of one of our Botanica staff, who not long after starting at WDC, took it upon herself to separate 3 plants and multiply. As a result, we now have a wonderful display of these. The Australian stream lily also looks fantastic.



The main pond in the fernery has been drained, after removing the eels first. After the Bog Doc removed a large amount of sludge from the bottom, it now looks fantastic. Unsure whether to replace the eels at this stage.

### Visitor Comments

Auckland "All the Flowers, the setup, every this is amazing."

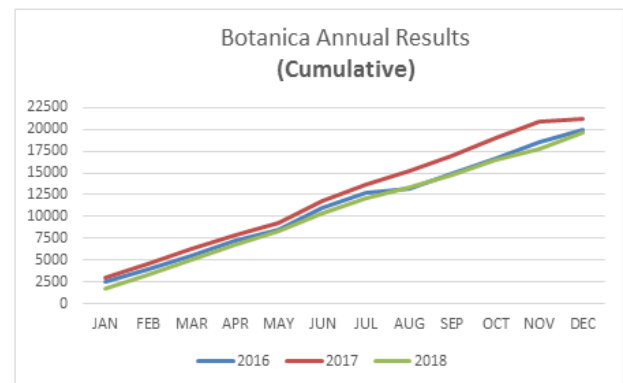
Calgary, Canada, "I love ferns and this is an amazing display, thank you."

France (internet), "Beautiful place. Lots of things to see. Thank you"

Quebec, Canada (Internet), "Most interesting, Very glad we came".

Leicester, England. (Visited 4yrs ago.), "What a beautiful laid out Fernery, Thank you Mick and Chris".

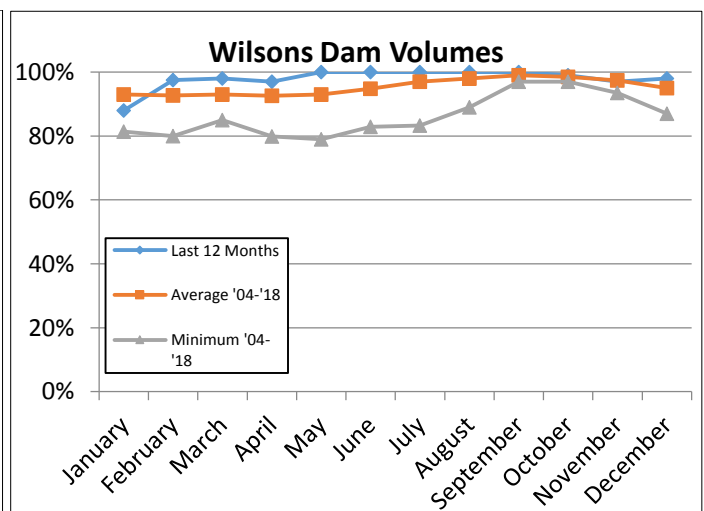
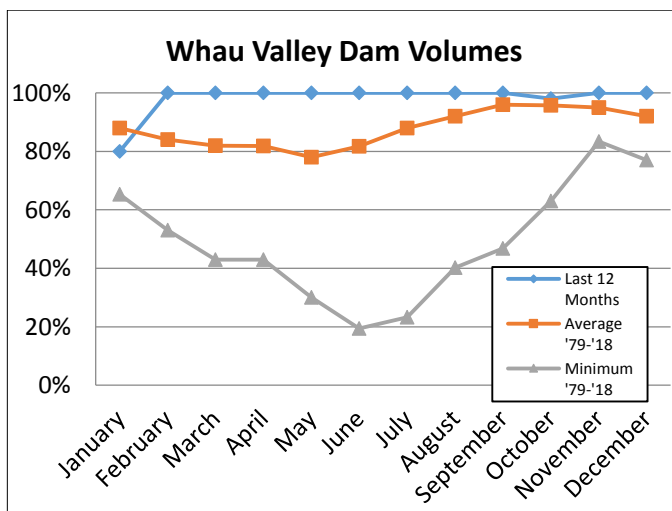
Opotiki (visited a few years back with my sister), "Well looked after. Ataahua, Peaceful place". (Ataahua means beautiful in Te Reo Maori)



## Water Services

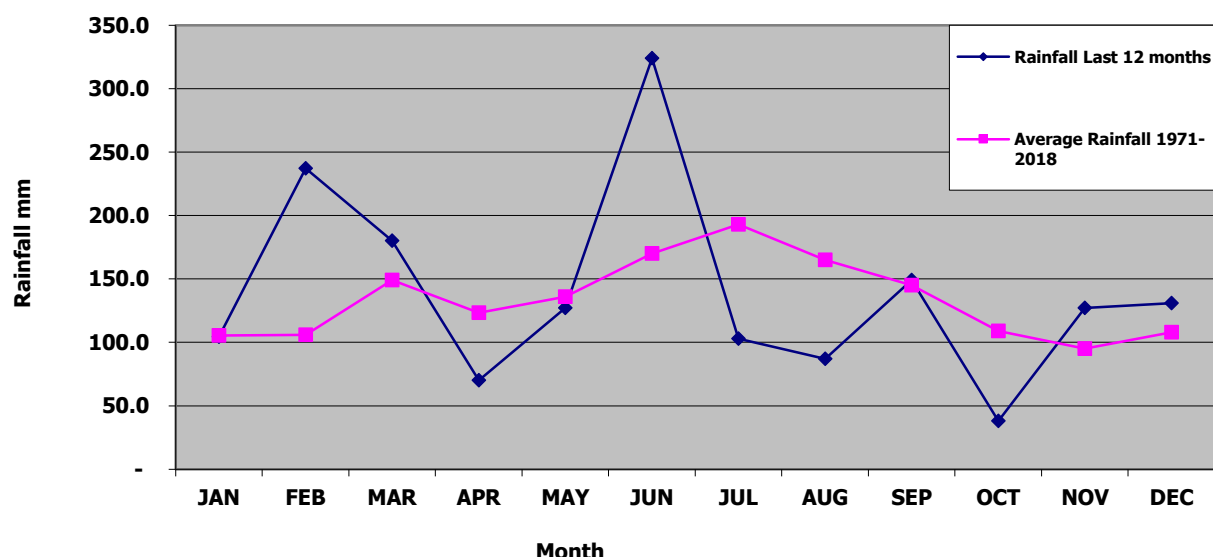
### Rainfall and Water Sources

127mm of rain fell at Whau Valley water treatment plant in November and 131mm in December. Both amounts are slightly above average which has meant that the dams both got back to 100% over Christmas. The heavy rainfall on Christmas eve not only improved the dam levels but delayed the peak Christmas demand in the coastal areas and reduced the water carrier requirements briefly. The total rainfall for the year was 1,677mm which is close to the long-term average of 1,605mm. With both dams full, there is a very low risk of water supply issues developing later in the summer. The Hatea river source, which was being used in November, is unlikely to be required again this summer.





Rainfall - last 12 Months



## Whau Valley New Water Treatment Plant

The contract to construct the new water treatment plant at Whau Valley closed, just before Christmas. Staff interviewed the contractors and evaluated their bids. As a result, a preferred contractor was selected. Staff will be working with the preferred contractor to try and negotiate a final price for the works. If negotiations run smoothly it is planned to bring the award recommendation to a full Council meeting in February. This would lead to work on site starting at the end of February.

## Roading

### Maintenance

This is the sixth month of the new contracts, and the maintenance crews 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 commenced a full summer programme of works. Council received 50% less CRM complaints regarding the unsealed network during December, as compared to November.

The dust suppression programme, consisting of treating a limited number of 200m strips in front of houses on roads with heavy logging truck volumes was undertaken during November. This will be repeated in February/ March 2019 if necessary and dependent on weather conditions.

Three of the five sections of Wright Rd to be sealed were completed prior to Christmas. The fourth section is due to be sealed by the end of January and the final section in March of this year.

A 250m house frontage section on Mangahui Rd was sealed on behalf of a private individual who funded the entire cost.



Mangahui Rd Seal Extension

### 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. These works are now included within the new maintenance contracts and projects are planned to be completed January.

### Bridge Repair

18/19 bridge repairs programme has been finalised and design work started, with letting of 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.



The V Category intersection lights has been included in the Twin Coast Discovery Highway lighting contract as a variation and are now completed. The remaining 1,200 V-Category lights have been ordered. 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 2:** (Rust Ave to Kamo Rd) A successful public opening of Stages 1 and 2 was held on 8 December, and this section of the cycleway is now fully open to public use.

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

**Stage 4b:** (Fisher Terrace Underpass) Awarded to Broadspectrum.

Construction of the underpass took place during the Christmas railway shutdown (24th December to 2nd January). The project was completed successfully in a continuous operation over three days and nights. The project works were completed one day earlier than planned.



**Stage 5:** (Fisher Tce 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 and if approved, we are aiming to tender early 2019.

**Walking and Cycling Strategy:** Adopted by Council in October 2018.

**Waipu Walk and 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 and unsuitable pavement foundations deferred the completion to January 2019.

**Porowini Avenue/Maunu Road:** Intersection improvements – Demolition of 15 Maunu Rd enabling work contracted 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).

**Maunu Road/Central Avenue:** Intersection improvements – Preliminary investigation stage and 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 November:

**SAiD (Stop Alcohol Impaired Driving):** In November 5 completed the programme, 35 ytd.

**Drive Soba:** 9 completed the programme in November (16ytd). Two programmes running until 7 December and 7 February 2019 respectively have 9 and 10 attending.

**Young Drivers Programmes:** Ngatiwai: 2/2 Learners(18ytd), 5 restricted (13ytd) and 0 Full licence (2ytd). People Potential: 14/16 Learners (69ytd), 3 Restricted (27ytd), 5 Full (8ytd),

**Restraints:** This month in 8 events, including 1 playcentre and 1 Kindergarten, the programme engaged 22 adults, 36 Children. 21 seats were checked and 3 corrected. 2 CRT technicians will be trained in the new year. Meetings to source further technicians are continuing.

### Speed

- Cinema advertising commenced on 15 November.
- Four School Traffic Safety Team Reward Days were held at the Whangarei Aquatic Centre. Details will be in the next report.
- An initial meeting has been held to plan a new speed education initiative.
- Bus back advertising planning underway.

#### Key district issues

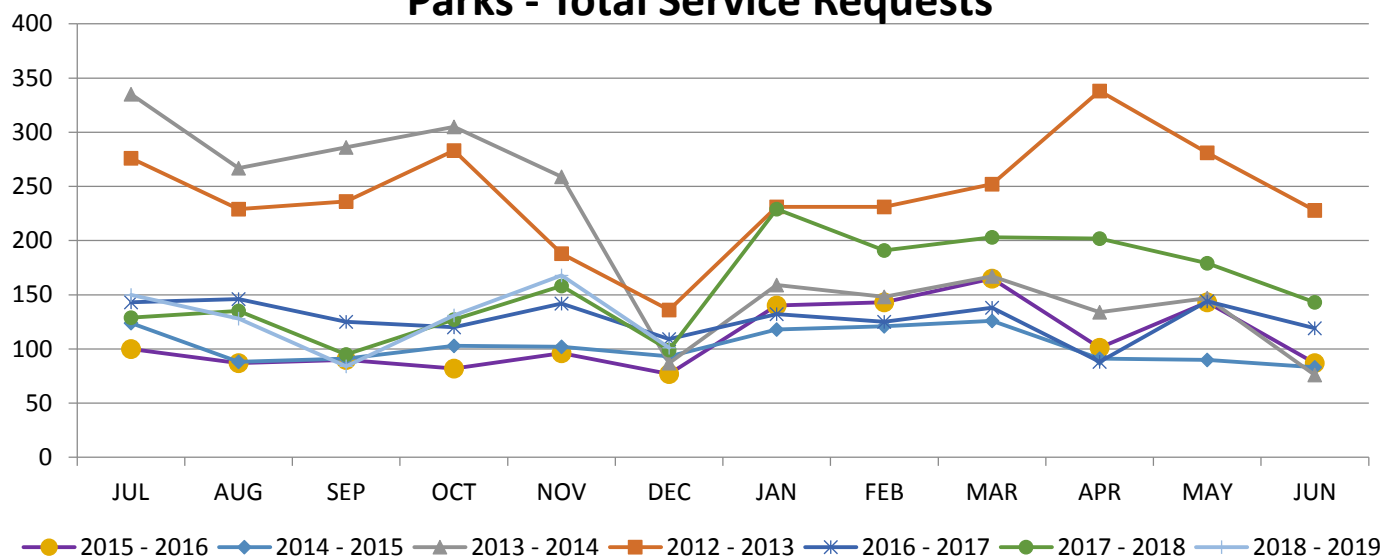
- Young Drivers
- Alcohol and/or drugs
- Speed
- Rural speed zone loss of control/head-on

Road Toll	Combined Total for all 2017	Total at end of Dec 2018	Northland SH Network Dec 2018	Northland Local Roads Dec 2018
Whangarei	14	17	9	8
Kaipara	5	5	4	1
Far North	22	13	9	4
Totals	41	35	22	13

## Customer Request Management Services (CRMs)

The Infrastructure Group received a total of 1644 CRMs in the month of November 2018, and 1433 for December 2018. A total of 20,183 CRMs were received for the Infrastructure Group in 2018, with 28,852 CRMs in 2017.

### Parks - Total Service Requests



The Parks and Recreation team received 168 CRMs in November 2018 and 101 CRMs in December 2018. Impressed feedback was received on three CRMs in November with one dissatisfied customer for the month. In December, there were 9 reports of impressed feedback with no dissatisfied feedback received for the month.

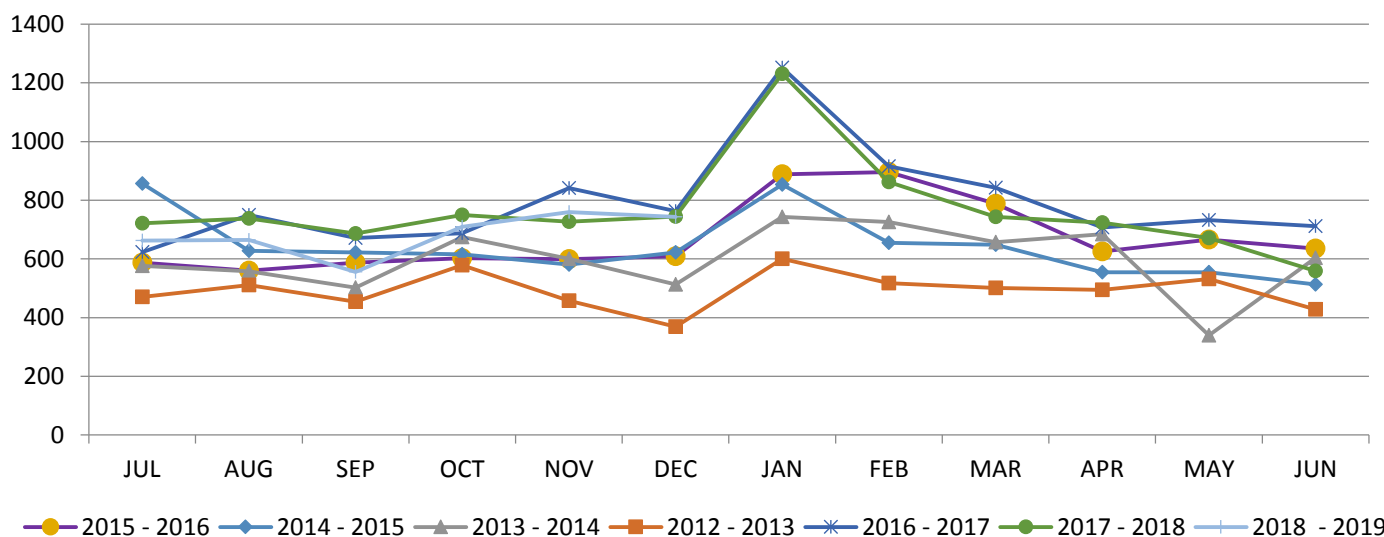
The top five CRM issues for our Parks and Recreation Department for the month of **November** were:

- Tree and Street Tree queries- 56 (eg tree fallen over/branches down)
- General Parks queries- 54 (eg access to reserves, Drone requests etc)
- Cemetery enquiries- 12 (Burial enquiries etc)
- Mowing- 11 (Mowing of Parks and playgrounds)
- Playgrounds- 11 (Issues with Playgrounds and equipment)

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

- General Parks queries- 35 (eg access to reserves, Drone requests etc)
- Tree and Street Tree queries- 26 (eg tree fallen over/branches down)
- Mowing- 8 (Mowing of Parks and playgrounds)
- Cemetery enquiries- 6 (Burial enquiries etc)
- Playgrounds- 3 (Issues with Playgrounds and equipment)

## Waste - Total Service Requests



The Waste and Drainage Team received 760 CRMs in November, with 743 December 2018. There were 14 impressed CRMs recorded for November and 8 impressed calls in December with no dissatisfied feedback received for either month.

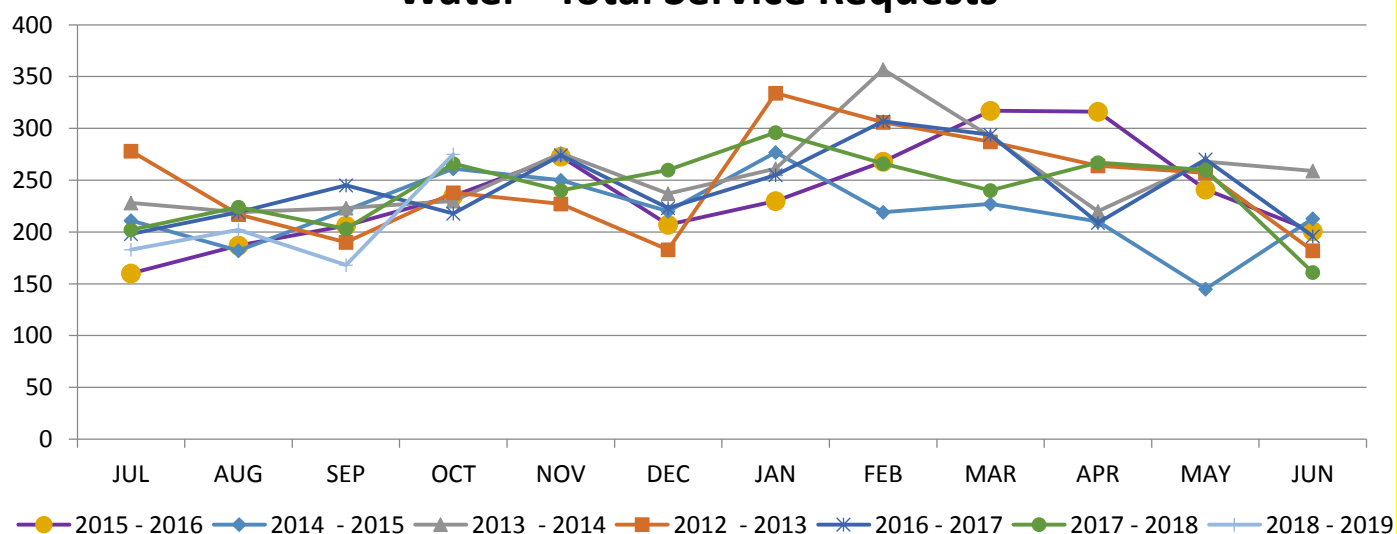
The top five CRM issues for our Waste and Drainage Department for the month of **November** were:

- Rubbish Queries – 107 calls (non-collection, fly tipping etc)
- Public Toilet queries/complaints 93 (eg Blocked toilet, soap dispenser empty).
- Recycling queries and complaints- 37 (eg Bin missed during collection)
- Sewer queries- 35 (eg blocked waste drain)
- Stormwater queries- 33 (eg blocked storm drain)

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

- Rubbish Queries – 112 calls (non-collection, fly tipping etc)
- Public Toilet queries/complaints 82 (eg Blocked toilet, soap dispenser empty).
- Recycling queries and complaints- 38 (eg Bin missed during collection)
- Sewer queries- 35 (eg blocked waste drain)
- Stormwater queries- 22 (eg blocked storm drain)

## Water - Total Service Requests



The Water Services team received 263 CRMs in November, with 201 in December 2018. They received 25 impressed calls during the month of November with one dissatisfied call received. In December, there were 7 Impressed calls received with no instances of dissatisfied feedback for the month.



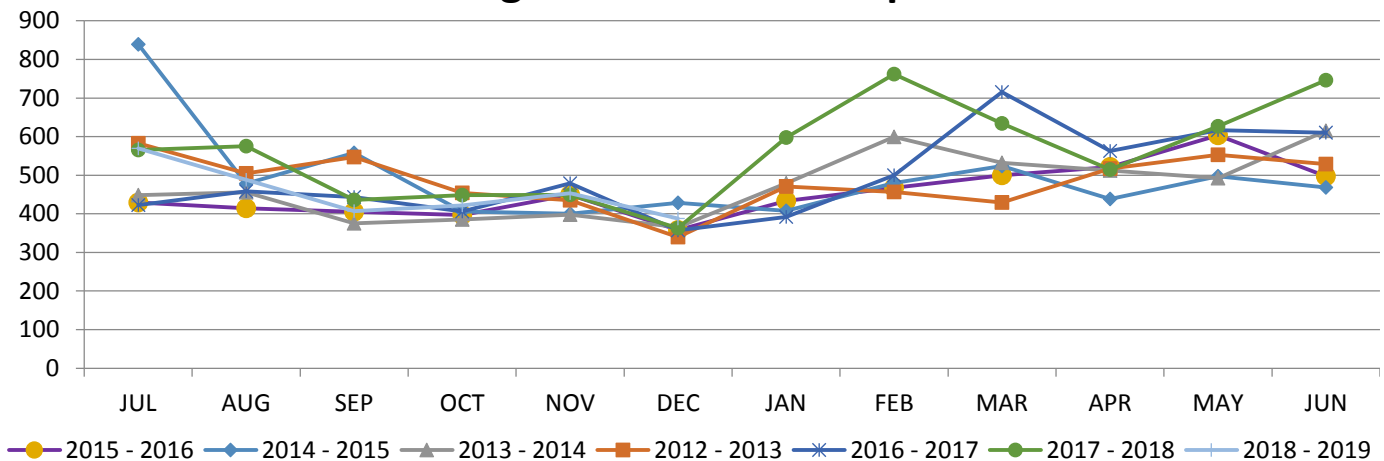
The top five CRM issues for our Water Department for the month of **November** were:

- Water Leaks- 121 (Leak repairs or concerns)
- Meter Box Queries- 47 (New box, new meters)
- Water Pressure- 11 (Pressure issues)
- General Water Queries- 22 (Various other enquiries etc)
- Water Quality- (Dirty water etc)- 8

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

- Water Leaks- 106 (Leak repairs or concerns)
- Meter Box Queries- 35 (New box, new meters)
- General Water Queries- 13 (Various other enquiries etc)
- Water Pressure- 11 (Pressure issues)
- Water Investigation (land queries etc) - 7

## Roading - Total Service Requests



The Roding Team received 453 Customer Service Requests (CRMs) in November 2018, and 388 in December 2018. In November thirty follow up calls were made. Two customers were dissatisfied, nineteen customers found our service acceptable and twelve customers were impressed by the Roding team and contractors. In December fifteen follow up calls were made, nine customers found our service acceptable and six customers were impressed, with no dissatisfied customers. There was a large drop in the number of Unsealed road CRMs received in the month of December.

The top five CRM issues for our Roding Department for the month of **November** were:

- |                                    |  |
|------------------------------------|--|
| 1. 70 reports of Roding General    | E.g. General and Safety issues.                |
| 2. 45 reports of Stormwater issues | E.g. Maintenance and clearing                  |
| 3. 44 reports of Unsealed Roads    | E.g. Maintenance and repair of unsealed roads. |
| 4. 43 reports of Parking Meters    | E.g. Machine not working.                      |
| 5. 37 reports of Road signs        | E.g. Missing signs and maintenance             |

The top five CRM issues for our Roding Department for the month of **December** were:

- |   |   |
|---|---|
| 1. 51 reports of Roding General           | E.g. General and Safety issues.                 |
| 2. 45 reports of Trees and Vegetation     | E.g. Maintenance of trees and vegetation.       |
| 3. 34 reports of General Road Maintenance | E.g. Maintenance of sealed roads. Potholes etc. |
| 4. 40 reports of Parking Meters           | E.g. Machine not working.                       |
| 5. 34 reports of Footpaths                | E.g. Maintenance on footpaths                   |



### 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.*