

Infrastructure Committee Agenda

Date: Wednesday, 11 December, 2019

Time: 9:00 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 Nicholas Connop
Cr Ken Couper
Cr Tricia Cutforth
Cr Shelley Deeming
Cr Jayne Golightly
Cr Phil Halse
Cr Greg Innes
Cr Anna Murphy
Cr Carol Peters
Cr Simon Reid

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

1. Declarations of Interest	
2. Apologies	
3. Decision Reports	
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5.1 Contract 14032 Water Reticulation Maintenance Contract Extension	
6. Closure of Meeting	

Infrastructure Committee – Terms of Reference

Membership

Chairperson Councillor Greg Martin

Members Her Worship the Mayor Sheryl Mai
 Councillors Gavin Benney, Vince Cocurullo, Nicholas Connop, Ken Couper, Tricia Cutforth, Shelley Deeming, Jayne Golightly, Phil Halse, Greg Innes, Anna Murphy, Carol Peters, Simon Reid

Meetings Monthly

Quorum 7

Purpose

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

Key responsibilities

- Services including the provision, maintenance and capital investment for:
 - Infrastructure asset management, projects and support
 - Infrastructure project co ordination
 - Transportation
 - Waste and drainage
 - Solid waste, waste minimisation and recycling services
 - Water
 - Parks and reserves
 - Cemetery
 - Laboratory services
 - Flood alleviation schemes
- Reporting on service delivery, including operational financial performance.
- Reporting on capital projects.
- Operational reporting for the Infrastructure group within Council.

- Procurement – general procurement relating to the areas of business of this committee, within delegations.
- Shared Services – investigate opportunities for Shared Services for recommendation to council.
- Council Controlled Organisations (CCOs) – monitoring the financial and non-financial performance of CCOs whose functions would otherwise fall under the scope of this committee. Includes trading CCOs (CCTOs) and those CCOs exempted under the LGA. Responsibilities include:
 - advising on the content of annual Statement of Expectations to CCOs
 - agreement of the Statement of Intent
 - monitoring against the Statement of Intent
 - for exempted CCOs, monitoring and reporting as agreed between Council and the organisation

CCOs accountable to this committee:

- Northland Regional Landfill Limited Partnership (NRLLP) – CCTO
- Whangarei Waste Limited (WWL) – exempted CCO

Delegations

- (i) All powers necessary to perform the committee's responsibilities, including, but not limited to:
 - a) the approval of expenditure of less than \$20 million plus GST.
 - b) approval of a submission to an external body.
 - c) establishment of working parties or steering groups.
 - d) adoption of strategies and policies relating to the key responsibilities of this committee (except for those that cannot be delegated by Council under Clause 32(1)(f) of Schedule 7 of the LGA).
 - e) power to establish subcommittees and to delegate their powers to that subcommittee.
 - f) 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).
 - g) 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.

3.1 Petition for No-Stopping Lines at Marlin Place-Tutukaka

Meeting: Infrastructure Committee
Date of meeting: 11 December 2019
Reporting officer: J Devine, Strategy & Planning Manager, NTA

1 Purpose

The purpose of this agenda item is to present to the Committee a petition received requesting the installation of no-stopping lines on Marlin Place, Tutukaka.

2 Recommendation

That the Committee

1. Receives the petition and instructs staff to:
 - a. Investigate the request and report back to this Committee;
 - b. Advise the petition organiser of this course of action.

3 Background

This petition (**Attachment 1**) has been received from residents of Marlin Place, Tutukaka, who are requesting the installation of no-stopping lines to prohibit parking, as the road is deemed to be too narrow to allow easy passage of vehicles when there is parking on both sides of the road.

4 Discussion

It is Council policy that petitions that are received by Council regarding Roading matters are presented to the Infrastructure Committee on behalf of the petitioners, and then the matters raised are investigated as required and reported back to the Committee for consideration.

Council has also requested that petitions and requests for the installation of new no-stopping lines on the network are managed in accordance with Policy 0049, (see **Attachment 2**).

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 the publication of this Agenda

6 Attachments

1. Petition requesting Yellow lines at Marlin Place – 13 November 2019
2. Policy 0049 - On Road Parking Restrictions



Jeroen Jongejans <jeroen@diving.co.nz>

Yellow lines at Marlin Place

Jeroen Jongejans <jeroen@diving.co.nz>
To: Jeroen Jongejans <jeroen@diving.co.nz>

Wed, Nov 13, 2019 at 10:54 AM

----- Forwarded message -----

From: **Jeroen Jongejans** <jeroen@diving.co.nz>
Date: Wed, Nov 13, 2019 at 9:32 AM
Subject: Yellow lines at Marlin Place
To: Simon Weston <Simon.Weston@wdc.govt.nz>

Morena Simon,

If I can have your attention for a minute, most appreciated ;)

I have dropped of a petition from the users of Marlin Place in Tutukaka regarding the painting of non stopping lines on the left hand side of the road when driving down from Marlin Place to Marina Road, your EA will have this later this morning.

With steady increase in the need for car parking in Tutukaka over the last few years some people now park on both sides of this road.

When that happens- from December thru till April- access for locals at Marlin Place is significantly reduced and can be dangerous if they drive down with a trailer boat etc.

There being a small bend in the road as well further restricting vision regarding oncoming traffic has resulted in some close encounters.

I have been in touch with WDC on this issue but was told this may well take 6 months.

I have also been in touch with Cr Anna Murphy who is supporting what we try to achieve.

Lucky that I understand the system and being aware that the agenda items need to be in by the 22nd of November I would politely ask you for inclusion of this item into your next agenda.

Reason for this is, I hope we can get this done - prior to this summer season - in order to resolve the issue.

Could you please have a talk to the right people and assist in having a swift and satisfactory outcome for this issue.

I am very happy to assist and give additional information if so required- am even able to sit down for a coffee if this would assist the research and outcome. ;)

Nga mihi,

Jeroen Jongejans

0272 288 882 call me if urgent.
Sent from my iPad

--
Jeroen Jongejans
0272 288 882
Jeroen@diving.co.nz

Yellow Lines Request for Marlin Place downhill left side.

We would like to request the WDC to paint the left hand down-hill side of Marlin Place.

In summertime, parking is at a peak in Tutukaka, and in recent years the increased use of Marlin Place as a parking area has lead to some very dangerous encounters.






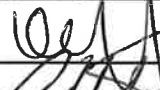


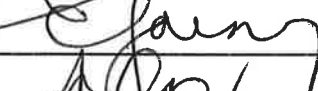




If parking occurs on both sides of the road, safe access for locals is significantly compromised.

We request WDC to paint a "no stopping" set of yellow lines to enhance safety for the Community.

Name:

Address:

Signature:

Jeroen Jongjans	3/5 Rona Place	
Pete Brown	42 Marlin Place	
Bruce Whitehead	36 Marlin Road	
G. Piri	32 " "	S. Gray PIRACE
LEN ROBINSON	35 " "	
IAN SKIPWORTH	25 " "	Ian Skipworth
Sally Bourn	25 Menlin Pl	
Vicki Wright	27 Marlin Pl.	
ADAM WRIGHT	27 Marlin Pl.	
BRUCE GOING	31 " "	
Bruce Going	31 Marlin Pl.	
JAN GOING	29 Marlin Pl.	
ALAN GOING	29 Marlin Pl.	
Kylie Going	42 Marlin Pl	
NICK KERR	Schneppe Road	

Whangarei District Council Policy

On Road Parking Restrictions

Policy 0049

On Road Parking Restrictions			
Audience (Primary)	Internal	Business Owner (Dept)	Roading
Policy Author		Review date	September 2015

Policy

1.1. Background

The Local Government Act 2002 requires Council to provide an integrated, safe, responsive and sustainable land transport system.

Council roading activities are based around the following policies:

- allow the movement of goods and people
- provide access to properties
- cater for non-vehicular uses (pedestrians and cyclists)
- allow for parking spaces.

Council's District Plan has policies with the following objectives:

- 1 Establish and maintain a safe and efficient transport network
- 2 Avoid, remedy or mitigate any adverse effects of road transport activities on the surrounding environment
- 3 Protect the road transport network from the adverse effects of adjacent land use, development or subdivision
- 4 To ensure that the effects of roading infrastructure on landscape and ecological values are avoided, remedied or mitigated.

1.2. General Requests for No Parking Restrictions

The majority of parking requests are made around Safety Concerns, which include:

- parking on both sides of the road reducing the road to a single lane
- sight lines, (visibility from driveways, at intersections and around corners)
- accessibility, (ability to get in and out of side roads and entranceways)
- traffic management, (congestion, dealing with peak hour traffic flows)
- parking accessibility, (manoeuvring in and out of parking spaces)
- route safety, (narrow winding roads, speed issues)
- road safety
- intersections and parking on curves
- reducing a road to a single lane over significant lengths (no pull off areas)
- pedestrians crossing the road (versus high traffic volumes).

1.3. Assessment Criteria

It is Council's intention that the use of No Stopping restrictions on local roads will generally not be approved unless there are exceptional circumstances. The use of No Stopping restrictions on collector and arterial roads will be used to manage parking, safety and accessibility.

The drivers Council would use to assess requests for any No Stopping / No Parking requests are to be based on:

- 1 Safety - examples are:
 - a. Sight lines at intersection, (defined by Council's Environmental Engineering Standards, (EES document) which is based on Austroads Engineering standards).
 - b. Sight lines at driveways (Council EES document).
 - c. Approaches at intersections (Manual of traffic signs & markings, (MOTSAM).
 - d. Exits from intersections (MOTSAM).
 - e. Adjacent to pedestrian crossing – formal zebra and Kea (defined by the Traffic Regulations).

On Road Parking Restrictions			
Audience (Primary)	Internal	Business Owner (Dept)	Roading
Policy Author		Review date	September 2015

- f. Adjacent to informal pedestrian crossing such as kerb extensions and midblock islands (MOTSAM).
- g. Where there is insufficient width for parking on route treatments (generally around curves).
- 2 Congestion - examples are:
 - a. Where additional traffic lanes are required (approaches to intersections, traffic lights, roundabouts).
 - b. Where flush medians are required for road safety, (for the provision of right turning traffic in busy roads).
 - c. Right turn bays, (at side roads).
- 3 Accessibility - examples are:
 - a. Ease of access due to parking stress, (cars parking over driveways and too close to intersections).
 - b. Sight lines, (visibility at intersections and around curves).
 - c. Narrow roads reduced to single lane.
 - d. Turn areas such as cul-du-sacs, (making provision for turning traffic such as the rubbish truck).
- 4 Route Safety - examples are:
 - a. Route reduced to single lane, (narrow windy roads).
- 5 Convenience to property owners or occupiers, (manoeuvrability to access entranceways).

1.4. Proposed on Road Parking Restriction Policy

Introduction

The purpose of this policy is to set out the framework for assessing and processing requests for roads to be considered for the restricting of parking as set out in clause 14 of Council's Parking and Traffic Bylaw 2007. This is to ensure a transparent and consistent approach when applying the policy.

Scope and Definitions

This policy only applies to roads under the care, control and management of Council and does not apply to roads, which are state Highways, unless an agreement has been entered into to apply this policy on State Highways. Clause 14 aims to mitigate the adverse effects of traffic on other road users.

Alignment

This policy should be used in conjunction with Clause 14 of Council Traffic and parking Bylaw 2007.

Policy Details

It is Council's intention that the use of No Stopping restrictions on local roads will generally not be approved unless there are exceptional circumstances. The use of No Stopping restrictions on collector and arterial roads will be used to manage parking, safety and accessibility.

The flow chart attached sets out the process to be undertaken when assessing/considering a request.

Delegations

No delegations have been given in relation to approving whether portion of road will be added to the No Parking sections on the Roads register. The authority remains with Council (Infrastructure and Services Committee).

3.2 Petition for Speed Reduction on Whangarei Heads Road, Onerahi

Meeting: Infrastructure Committee
Date of meeting: 11 December 2019
Reporting officer: J Devine, Strategy and Planning Manager, NTA

1 Purpose

The purpose of this agenda item is to present to the Committee a petition received requesting Speed Reduction measures be undertaken on Whangarei Heads Rd, Onerahi.

2 Recommendation

That the Committee

1. Receives the petition and instructs staff to:
 - a. Investigate the request and report back to this Committee;
 - b. Advise the petition organiser of this course of action.

3 Background

This petition (**Attachment 1**) has been received from residents of Whangarei Heads Rd, Onerahi, who are requesting speed reduction measures be undertaken on the section of road from the Hammer Hardware roundabout to the 100kph sign.

4 Discussion

It is Council policy that petitions that are received by Council regarding Roading matters are presented to the Infrastructure Committee on behalf of the petitioners, and then the matters raised are investigated as required and reported back to the Committee for consideration.

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 the publication of this Agenda

6 Attachment

1. Petition requesting speed reduction on Whangarei Heads Rd, Onerahi – 13 November 2019

11 - 11 - 2019.

Eric Page c/o Hra Co. NZ.

Eric Page

3 Rainbow Pl.

Overaki 0110

Ph 0274908868.

To whom it may concern

This is a petition to look into the speed of cars on the Whangarei Heads Rd. It has been noticed cars speeding over 100ks in a 50k area from the roundabout at Hammer Hardware to the 100k speed sign by Treadways. This is very dangerous because of driveways and roads that come off it. Harbour Lights Way, Sealreeze Pl, Sunrise Court, Rainbow Pl, Brando Ln, Beach Rd and Charlise Pl, all have trouble getting in and out of their streets because cars travel too fast and close to turning cars. Not paying attention to indicators on turning cars. Some have been rear ended even after slowing down in time to turn. Some people in Sunrise Court wind their windows down, coming out of their street so they can hear the cars coming around the corner speeding. It would help the people of Sunrise Court if there was a mirror mounted on the corner of Beach Rd.

The Police have been picking up speeders lately but that does not stop them doing 80 - 100 Ks in 50K area. Most of the speeding is done around 6am - 7am and 4pm - 7pm with some inbetween. Cars coming from Freeways and where the 100K signs are, are still doing 100 Ks in the 50K area 200 meters past the 50Ks sign.

Please lets do something to prevent more major accidents in this area. Some suggestions from the residents of the area.

Paint ~~slow~~ slow signs on road coming down the hill, speed camera, speed box telling people what speed they are doing. Please reply with what you can come up with so I can notify the people who signed.

Many thanks

E. Page

Safe motoring. Save the People.

PHONE	NAMES		ADDRESS	E MAIL	SIGN
	FIRST	LAST			
4532658	Jenn	Johnston	6 Brando Ln Onerahi		JR
	Jenna	Johnston	" "		JR
74328	Allan	Westlake	10 Brando Lane Onerahi		Allan
65228	Glenys	Westlake	10 Brando Lane Onerahi		Glenys
	Collette	McCrae	" "		Collette
	Tulie	WIDGER	10 Charlise Pl. Onerahi		Tulie
1526059	Belinda	Dierick	12 Charlise Pl. Onerahi		Belinda
10223378	Nick	APRICK	" "		Nick
	JEFF	BROWN	14 CHARLISE PLACE		JEFF
	Josie	NGARORO	1 CHARLISE PL		Josie
360687	Bryan	Hills	2 Charlise Place.	lymanhills45@gmail.com	Bryan
36977	ALEX	WEEKES	1 RAINBOW PLACE		Alex
349007	Sheila	Weekes	" "		S. Weekes
12669465	Martin	Munn	4 Rainbow Place		Martin
2662898	Correlia	Munn	4 Rainbow Place		Correlia
	Jim	SCOTT	17 WHANGAREI HEADS ROAD		Jim
	Karin	SCOTT	" " "		Karin
333372	LANCE	ADAMS	4 Sunrise Court	bugler@slingshot.co.nz	Lance
	Carol	Adams	4 Sunrise Court		Carol
729957	Annie	Munro	19 Whangarei Heads Rd		Annie
500884	Lisa	Fairlie	21 Whangarei head Rd	lisa.fairlie@hotmail	Lisa
	Brooke	Jacobs	29 Whangarei Heads	butterflybrock@hotmail	Brooke
02477926	Kristine	Faltado	2 Rainbow Place Onerahi	kristine.faltado@eas.co.nz	Kristine
1594486	Argyll	Faltado	2 Rainbow Place Onerahi	afaltado@cutham.co.nz	Argyll
	TROY	ALLAN	34 BEACH RD ONERAHI		Troy
	Kwan	Summerlee	14 Cliff St		Kwan
0778461	Kylie	Pedersen	36 Beach Rd	kylie.pedersen@gmail.com	Kylie

Total 62 signatures!

3.3 Petition for Seal Extension Lamb Rd, Parua Bay.

Meeting: Infrastructure Committee
Date of meeting: 11 December 2019
Reporting officer: J Devine, Strategy & Planning Manager, NTA

1 Purpose

The purpose of this agenda item is to present to the Committee a petition received requesting that seal extension be undertaken on Lamb Rd, Parua Bay

2 Recommendation

That the Council

1. Receives the petition and instructs staff to:
 - a. Advise the petition organiser that the request may be considered as part of the 2021/22 Long Term Plan.

3 Background

This petition (**Attachment 1**) has been received from residents of Lamb Rd, Parua Bay, who are requesting seal extension be undertaken on a 1.3km length of Lamb Rd.

4 Discussion

It is Council policy that petitions that are received by Council regarding Roading matters are presented to the Infrastructure Committee on behalf of the petitioners, and then the matters raised are investigated as required and reported back to the Committee for consideration.

As part of the 2019/20 Annual Plan Council allocated \$3Million of funding for undertaking seal extension projects on Council unsealed roads. At its meeting on 12 September 2019, Council approved 7.8km of roads to be constructed as part of this seal extension programme. Those works will be constructed over the 2019/20 and the 2020/21 summer construction seasons. Prioritisation of roads for seal extension was completed in accordance with the Seal Extension Prioritisation Guidelines (August 2019), also adopted by Council at its meeting of 12 September 2019.

No further funding for seal extension projects is currently available for new projects and new funding for the seal extension programme may be considered as part of the 2021/22 LTP.

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 the publication of this Agenda

6 Attachment

1. Petition requesting Seal Extension works on Lamb Rd, Parua Bay

Urgent Lamb Road Residents, RD4 Parua Bay, Action Required - 1/3/ 2019

The dust hazard on our road is becoming a health and safety hazard for many of the homes that line the road on Lamb Rd, not to mention an attraction for unsafe driving for the younger generation.

Every time a car drives past any of the homes within the first 1.3km a HUGE dust cloud envelops the properties, too the point often we can't see due to the white dust cloud being so thick (no matter how slow you drive). Families on our road, including children are experiencing health issues which increase at this time of year due to the dust being breathed in as it can't be avoided, but the long term affects on many of our health is becoming more apparent and very concerning.

We are also seeing a number of cars driving unsafely, especially in the area that our community walk too school 1.3km down from the asphalt area on the first bend. The unnecessary inconvenience of dusty cars that can age our investment a lot quicker would be alleviated plus road markings would be ideal for safety.

The council for the FIRST TIME are opening up for our road to be CONSIDERED to be INVESTIGATED to be costed out to be tarsealed – aiming for 1.3km where the road is deemed to be the most needed to reduce the dust hazard and where the unsafe driving issues have been.

All that is required from the community of Lamb Road, is a signature confirming you support our road can be investigated by the council project group; then they will be able to advise the residents of Lamb Road, if they may include us in an 80% proviso rate payer scheme for the road to be sealed. (20% contribution to be divided up and paid over a 5 year period – HOW, that will be suggested AFTER they agree to investigate this road).

THERE IS NO financial COMMITMENT here at this point, it is the process to start the investigation and to gain an understanding of costs, all that is required is 80% of the households are required to sign this petition, present to council on Monday 4th March to proceed with INVESTIGATION. Summary of findings will be presented later in the year and we can have a Lamb Road community open discussion when we know what we are working with.

More info attached from our communication with council but want to highlight again from council

"I wish to stress that the import thing now is to signal to council via a petition that you wish your road to be considered.

At that point there is no commitment by any of the parties." Regards Dot Clifford

To show your support for this investigation please can you sign the petition below with urgency.

With gratitude

Aimee Turner from 49 Lamb Road 021 289 9189

Aimee Robinson from 82 & 206 Lamb Road 021 57 56 56

RECEIVED - CUSTOMER SERVICES

- 4 MAR 2019

WHANGAREI
DISTRICT COUNCIL

Name:	Address	Phone	Signature	Date
1. Aimee & Shane Turner	49 Lamb Rd	0212899189	<i>A Turner</i>	1 March 19
2. JOHN BRANSBY	128 LAMBD	021743391	<i>John Bransby</i>	2 nd MARCH 2019
3. LAURA BRANSBY	128 LAMB RD - AS ABOVE		<i>L Bransby</i>	2/3/19.
4. DEAN HARGREAVES	98 LAMB RD	436 2223	<i>D Hargreaves</i>	3/3/19
5. Hayley Leggett	6 Lamb Rd	4365544	<i>H Leggett</i>	4/3/19

- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

RECEIVED - CUSTOMER SERVICES

- 4 MAR 2019

WHANGAREI
DISTRICT COUNCIL

Email Correspondence.

RE: RDG059361 – Lamb Road

The Annual Plan process kicks off early next month. I suggest that you submit your petition requesting that your road be included on the list for the Ratepayer Subsidised Scheme when the consultation period commences.

At that point there is no commitment by any of the parties.

The list will be prioritised, and only if it makes the cut for inclusion in next year's programme, will costs and detail be worked on. Following that, the residents will be contacted with the costing details and to confirm whether they still wish to proceed, with the proviso that 80% agree.

The ratepayer contribution is a targeted rate paid for over a period of 5 years.

In the past this has been levied per rateable assessment, irrespective of property frontage.

As mentioned previously, the council working group will decide on a number of issues before rolling out the scheme this next financial year, which include:

- the % of contribution per property,
- whether the percentage will be the same for all the roads done in a year
- whether it will be a set fee per property
- etc

I wish to stress that the import thing now is to signal to council via a petition that you wish your road to be considered.

At that point there is no commitment by any of the parties.

There is some additional info on the WDC website under <http://www.wdc.govt.nz/TrafficandTransport/Road-Maintenance/Pages/default.aspx>

Regards

Dot Clifford

On behalf of The Roding Team

Whangarei District Council | Forum North | Private Bag 9023, Whangarei 0148 | www.wdc.govt.nz
P 09 430 4200 | E mailroom@wdc.govt.nz

Hi ! Please read urgently -

We will be in touch
this weekend.

Thank you !

Urgent Lamb Road Residents, RD4 Parua Bay, Action Required - 1/3/ 2019

The dust hazard on our road is becoming a health and safety hazard for many of the homes that line the road on Lamb Rd, not to mention an attraction for unsafe driving for the younger generation.

Every time a car drives past any of the homes within the first 1.3km a HUGE dust cloud envelopes the properties, too the point often we can't see due to the white dust cloud being so thick (no matter how slow you drive). Families on our road, including children are experiencing health issues which increase at this time of year due to the dust being breathed in as it can't be avoided, but the long term affects on many of our health is becoming more apparent and very concerning.

We are also seeing a number of cars driving unsafely, especially in the area that our community walk too school 1.3km down from the asphalt area on the first bend. The unnecessary inconvenience of dusty cars that can age our investment a lot quicker would be alleviated plus road markings would be ideal for safety.

The council for the FIRST TIME are opening up for our road to be CONSIDERED to be INVESTIGATED to be costed out to be tarsealed – aiming for 1.3km where the road is deemed to be the most needed to reduce the dust hazard and where the unsafe driving issues have been.

All that is required from the community of Lamb Road, is a signature confirming you support our road can be investigated by the council project group; then they will be able to advise the residents of Lamb Road, if they may include us in an 80% proviso rate payer scheme for the road to be sealed. (20% contribution to be divided up and paid over a 5 year period – HOW, that will be suggested AFTER they agree to investigate this road).

THERE IS NO financial COMMITMENT here at this point, it is the process to start the investigation and to gain an understanding of costs, all that is required is 80% of the households are required to sign this petition, present to council on Monday 4th March to proceed with INVESTIGATION. Summary of findings will be presented later in the year and we can have a Lamb Road community open discussion when we know what we are working with.

More info attached from our communication with council but want to highlight again from council

"I wish to stress that the import thing now is to signal to council via a petition that you wish your road to be considered.

At that point there is no commitment by any of the parties." Regards Dot Clifford

To show your support for this investigation please can you sign the petition below with urgency.

With gratitude

Aimee Turner from 49 Lamb Road 021 289 9189

Aimee Robinson from 82 & 206 Lamb Road 021 57 56 56

RECEIVED - CUSTOMER SERVICES


- 4 MAR 2019


WHANGAREI
DISTRICT COUNCIL


Name:	Address	Phone	Signature	Date
1. Aimee & Shane Turner	49 Lamb Rd	0212899189		1 March 19


2. Aimee & Shaun Robinson	021575656		1/3/19
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3.	82 & 206 Lamb Rd		
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4. Christine Pepi	96 Lamb Rd	0212722814		2/3/19
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5. Aaron Meas	62 Lamb Rd			2/3/19
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6. Wyatt's	50 Lamb Rd			3/3/19
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7. Schaffis	105 Lamb Rd			3/3/19
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8. Sean Howe	82 Lamb Rd			3/3/19
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9.

10.

11.

RECEIVED - CUSTOMER SERVICES

- 4 MAR 2019

WHANGAREI
DISTRICT COUNCIL**Email Correspondence.****RE: RDG059361 – Lamb Road**

The Annual Plan process kicks off early next month. I suggest that you submit your petition requesting that your road be included on the list for the Ratepayer Subsidised Scheme when the consultation period commences.

At that point there is no commitment by any of the parties.

The list will be prioritised, and only if it makes the cut for inclusion in next year's programme, will costs and detail be worked on. Following that, the residents will be contacted with the costing details and to confirm whether they still wish to proceed, with the proviso that 80% agree.

The ratepayer contribution is a targeted rate paid for over a period of 5 years.

In the past this has been levied per rateable assessment, irrespective of property frontage.

As mentioned previously, the council working group will decide on a number of issues before rolling out the scheme this next financial year, which include:

- the % of contribution per property,
- whether the percentage will be the same for all the roads done in a year
- whether it will be a set fee per property
- etc

I wish to stress that the import thing now is to signal to council via a petition that you wish your road to be considered.

At that point there is no commitment by any of the parties.

There is some additional info on the WDC website under <http://www.wdc.govt.nz/TrafficandTransport/Road-Maintenance/Pages/default.aspx>

Regards

Dot Clifford

On behalf of The Roading Team

Whangarei District Council | Forum North | Private Bag 9023, Whangarei 0148 || www.wdc.govt.nz
P 09 430 4200 | E mailroom@wdc.govt.nz

3.4 Petition for Seal Extension Sandford Road, Ruakaka

Meeting: Infrastructure Committee
Date of meeting: 11 December 2019
Reporting officer: J Devine, Strategy & Planning Manager, NTA

1 Purpose

The purpose of this agenda item is to present to the Committee a petition received requesting that seal extension be undertaken on Sandford Rd, Ruakaka.

2 Recommendation

That the Committee:

1. Receives the petition and instructs staff to:
 - a. Advise the petition organiser that the request may be considered as part of the 2021/22 Long Term Plan.

3 Background

This petition (Attachment 1) has been received from residents of Sandford Rd, Ruakaka, who are requesting seal extension be undertaken on a 0.8km length of Sandford Rd.

4 Discussion

It is Council policy that petitions that are received by Council regarding Roading matters are presented to the Infrastructure Committee on behalf of the petitioners, and then the matters raised are investigated as required and reported back to the Committee for consideration.

As part of the 2019/20 Annual Plan Council allocated \$3Million of funding for undertaking seal extension projects on Council unsealed roads. At its meeting on 12 September 2019, Council approved 7.8km of roads to be constructed as part of this seal extension programme. Those works will be constructed over the 2019/20 and the 2020/21 summer construction seasons. Prioritisation of roads for seal extension was completed in accordance with the Seal Extension Prioritisation Guidelines (August 2019), also adopted by Council at its meeting of 12 September 2019.

No further funding for seal extension projects is currently available for new projects and new funding for the seal extension programme may be considered as part of the 2021/22 LTP.

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 the publication of this Agenda.

6 Attachment

1. Petition requesting Seal Extension works on Sandford Rd, Ruakaka.

Petition to: Whangarei District Council.

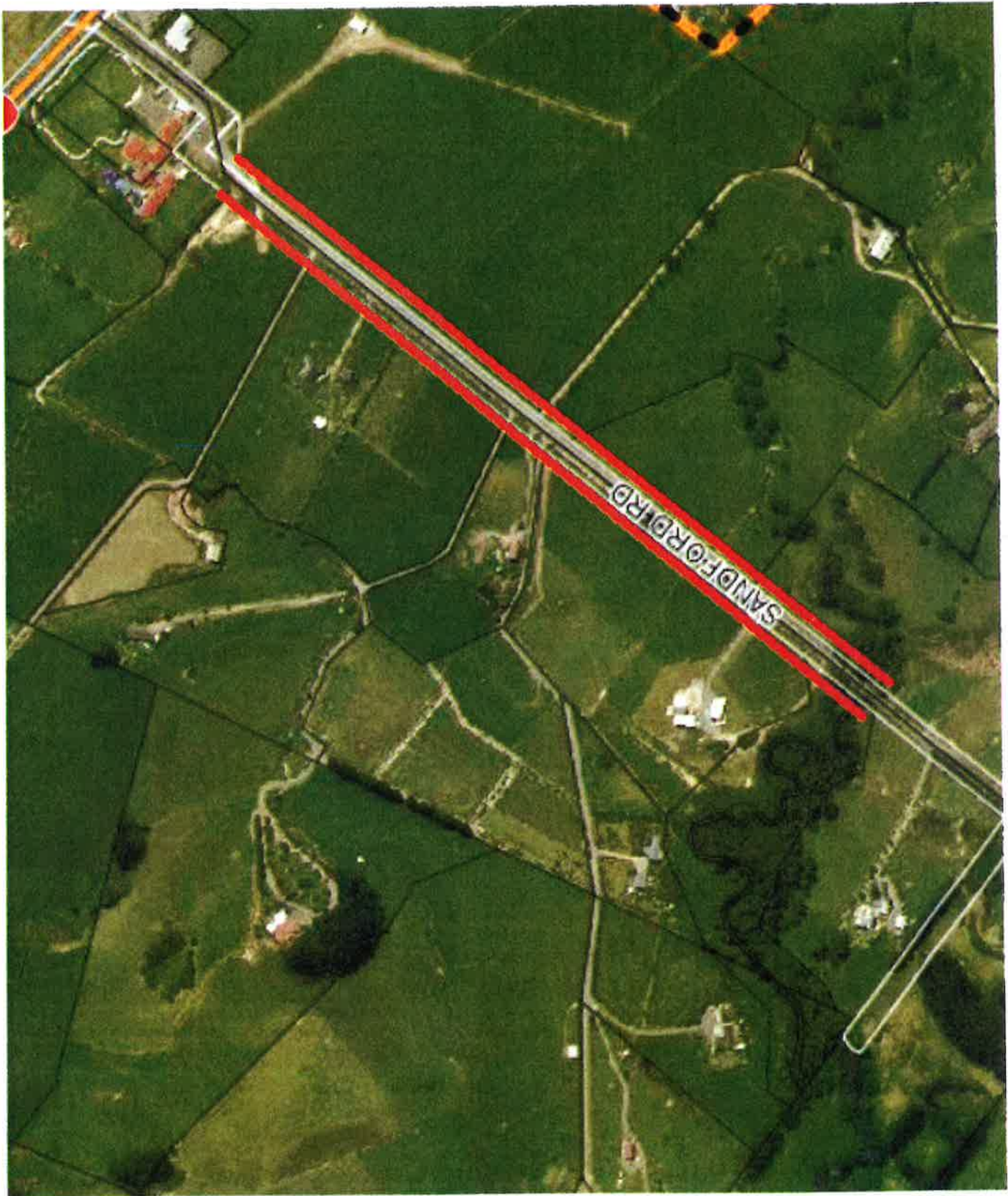
We the undersigned request that potholes on Sandford Road be sealed.
The road surface and dust are a hazard.

This road is the only metal road off SH1 in Ruakaka Central

Name	Signature	Address	Date
Marilyn Dunn	M. Dunn	Principal, Ruakaka School 12 Sandford Rd	5/9/19.
I.W. Antonovich	I.W. Antonovich	Sandford Rd. 108/11	7/9/19.
E.L. Antonovich	E.L. Antonovich	Sandford Rd.	7/9/19
Cheryl Kitchen	Cheryl Kitchen	181 Sandford Rd	7/9/19
Ian Kitchen	Ian Kitchen	181 Sandford Rd	7/9/19
Marilyn Brooks	M. Brooks	12/108 Sandford Rd	10/9/19
Roy Brooks	Roy Brooks	" " "	10/9/19.
Wayne Hick	Wayne Hick	182 Sandford Rd	10/9/19
Tricia Ball	Tricia Ball	182 Sandford Rd	10/9/19
TRINEX CONWAY	Trinex Conway	185 SANDFORD RD.	13/9/19.
MARK JAMBERT	Mark Jambert	185 SANDFORD RD	13/9/19.
ME & HILARY BRADLEY	ME & HILARY BRADLEY	229 Sandford Rd.	13. 9. 19
Dannan Robore	Dannan Robore	337 Sandford Rd	13/9/19
WAREN GRIFFITHS	W. Griffiths	84 Sandford Rd	13/9/19
Andrew Griffiths	A. Griffiths	84 Sandford Rd.	13/9/19
Patsy Beasley	P. Beasley	56 Sandford Rd	13/9/19
Ngarie Parks	N. Parks	60 Sandford Rd	13/9/19
GERARD MARSHALL	G. Marshall	159 Sandford Rd	13/9/19
John Goodman	John Goodman	34 Sandford Rd	13-9-19
Ronald Sainsbury	R. Sainsbury	51 Sandford RD	13-9-19
Ellen Sainsbury	E. Sainsbury	51 Sandford R.D.	13-9-19
TAI PATRICK	T. Patrick	50 SANDFORD RD	13-09-19.
John Beardsell	John Beardsell	52 Sandford Rd	13-9-19
Total 65 signatures			

Sandford Road Ruakaka

Sealing Request



Sandford Rd. Sealing Request.

Urgent²⁹ consideration Please.



Ruakaka School and Residents daily hazard.

3.5 Reserve to be Dedicated Road, Commerce Street, Whangarei City.

Meeting: Infrastructure Committee
Date of meeting: 11 December 2019
Reporting officer: J Devine, Strategy & Planning Manager, NTA.

1 Purpose

The purpose of this agenda item is to request a resolution of the Committee to declare a section of Road Reserve on Cameron St, as legal road.

2 Recommendation

That the Committee Resolve:

1. That pursuant to Section 111 of the Reserves Act 1977, Lot 27 DP 40282 situated in Commerce Street, Whangarei, be dedicated as road.

3 Background

When land near Commerce St was subdivided on DP 40282, lots 26 and 27 vested in the Whangarei District Council as Road Reserve, subject to the Reserves Act. Attachment shows the location.

Road Reserves do not hold the same status as a Road, and it has now come to the attention of Council that while lot 26 has been declared a Road the small triangular area of lot 27 still remains as Road Reserve and should in fact hold the status as Road and remain vested in Council.

Section 111 of the Reserves Act provides that where any land is required for the purpose of a road, the land may be dedicated as road by a resolution of that local authority and lodged with the District Land register.

4 Discussion

A resolution from the Committee is now required to legalise this small section of Commerce Street.

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 the publication of this agenda item.

6 Attachment

1. Location Map and Certificate of Title.





**RECORD OF TITLE
UNDER LAND TRANSFER ACT 2017
FREEHOLD
Search Copy**



R. W. Muir
Registrar-General
of Land

Identifier **NA693/147**
Land Registration District **North Auckland**
Date Issued 10 September 1937

Part-Cancelled

Prior References
NA145/281

Estate Fee Simple
Area 9457 square metres more or less
Legal Description Part Deposited Plan 4141

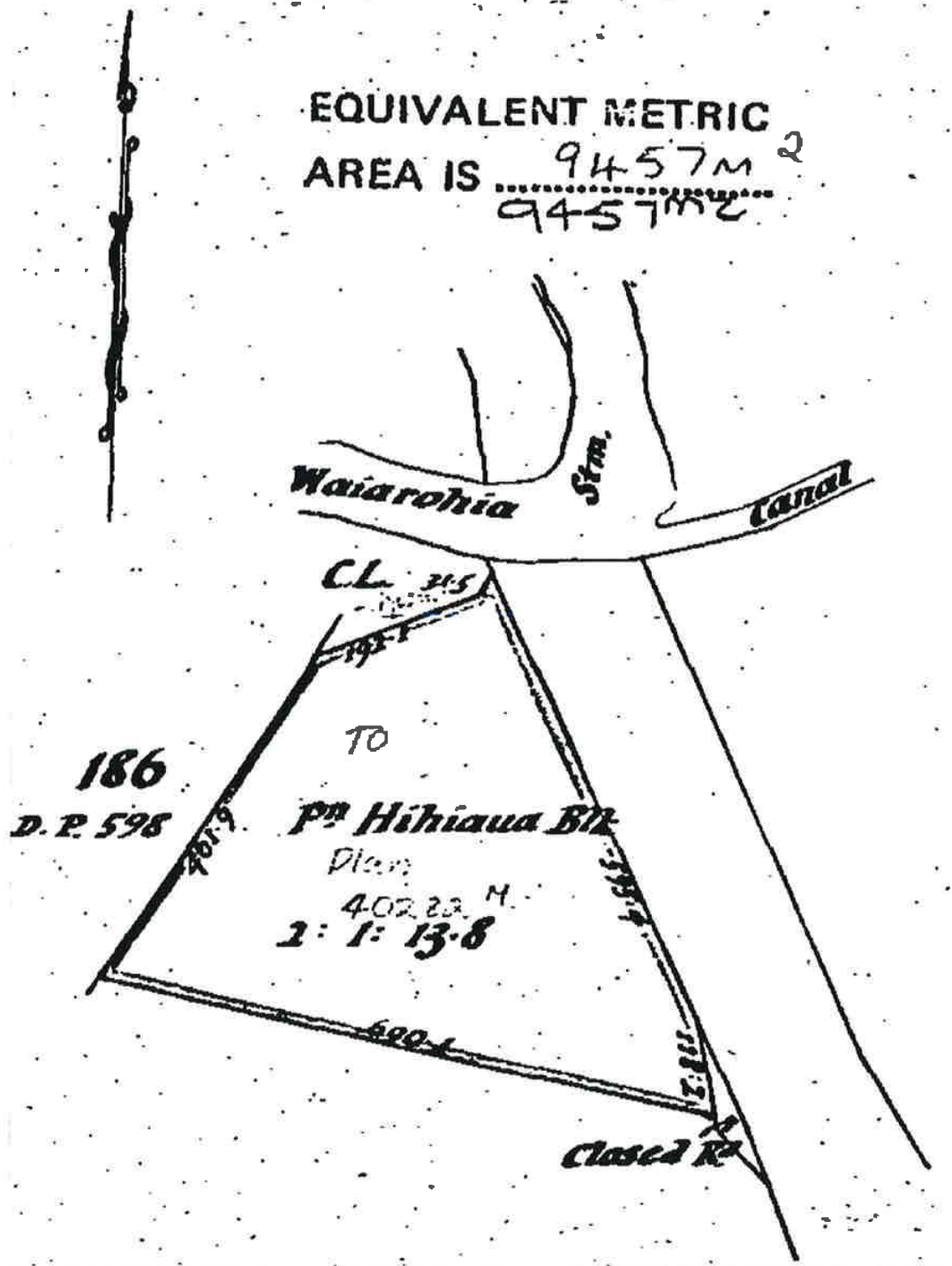
Registered Owners
John Patrick Woods and Louis Vincent Woods

Interests

Pursuant to Section 332(9) of the Municipal Corporations Act 1933 Lot 27 DP 40282 (Road Reserve) is vested in the Mayor, Councillors and Burgesses of the Borough of Whangarei under the Reserves and Domains Act 1953
552472 CT NA1129/40 issued for Lots 13 and 25 DP 40282 - 20.12.1954 at 3:00 pm

Identifier

NA693/147



4.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 11 December 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. Waste and Drainage	
CON19029	Variation to Contract; For Water Meter Replacements 2019-20
CON19027	Hatea River Sewer Crossing Replacement
2. Roothing	
CON07041	For parking Meter Upgrade Programme 2019/20
CON19052	Mangapai Caves Road Culvert Replacement
CON17037	Te Matau a Pohe and Kotuitui Bridges – Hydraulic and Mechanical Maintenance 2017

3. Water	
CON15002	Electrical and Electronic Maintenance
CON19046	Watermain Replacements 2019/20 – Memorial Dr and Hospital Rd
CON19041	Water Reporting Service
CON17037	Te Matau a Pohe and Kotuitui Bridges – Hydraulic and Mechanical Maintenance 2017
4. Infrastructure Planning & Capital Works	
CON19031	Tikipunga Sports Field Improvements
CON19060	Ngunguru Youth Activity Zone – Skatepark Construction

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 September 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 Waste and Drainage

CON19029

Variation to Contract: For Water Meter Replacements 2019-2020

Background

Contract 19029 forms part of the programmed renewals of customer water meters in the Whangarei District Council's water distribution system. This contract is for the replacement of approximately 1000 20mm water meters that are beyond their useful life expectancy.

In addition, new non-testable dual check valves will be installed directly after the replacement meter, on the consumers' side.

Contract Tender

The contract was publicly advertised and closed on 20 August 2019. Five tenders were received as follows

Tenderer	Amount (excl of GST)
Labour Civil Limited	\$309,005.00
Downer NZ Limited	\$321,147.00
Forte Civil	\$321,342.75
The Watertight Company Limited	\$353,171.25
Broadspectrum	\$698,895.05
Engineers Estimate	\$361,650.00

Evaluation

The lowest tender was submitted by Labour Civil. Labour Civil are a new business and have no track record yet of completing projects of this size. They were involved as a subcontractor during last year's meter replacement contract which did not go well and ran many weeks over. They only have one qualified staff member and supplied limited information in their tender. Their submission was evaluated as being non-conforming. The next lowest tender was submitted by Downer. Downer are Council's reticulation

maintenance contractor and have successfully completed this contract previously. They submitted a thorough tender which was evaluated as being conforming.

Financial

The budget for this project within this year is capital projects account is \$364,840.00

Chief Executive Approval

That contract 19029 for Water Meter Replacements be awarded to Downer NZ Limited for the tendered sum of \$321,147.00 (Three hundred and twenty-one thousand one hundred and forty-seven dollars and zero cents) excluding GST.

CON19027 Hatea River Sewer Crossing Replacement
--

This Contract is for the construction of 180 meters of 280mm diameter sewer rising main under the Hatea River to replace the old asbestos cement pipeline.

Procurement Process

The contract was publicly advertised on www.tenderlink.com and closed on 9 October 2019.

The tender evaluation method was weighted attributes method and in generally accordance with the New Zealand Transport Agency Procurement Manual.

Tenders Received and Evaluated

Five tenders were received as follows:

Attribute	Weight	CDS NZ Ltd	Forte Civil Ltd	CDS NZ Ltd
Pre-conditions	Pass/fail	Pass	Pass	N/A
Track Record	Pass/Fail	Pass	Pass	Rejected
Non-price attributes	50	28	36	
Submitted Tender Price*		\$327,322.00	\$472,743.80	
Adjusted Tender Price*		\$326,739.00	\$472,743.80	
Price Score	50	25	3	
Total Score	100	53	39	
ENGINEER'S ESTIMATE	\$327,300.00			

- All prices are GST exclusive

An arithmetic check was carried out, the tender submitted by CDS New Zealand Limited was adjusted for the Dayworks items that were scheduled as "rate only" and not supposed to be included in the tender sum.

It wasn't clear in the CDS' Schedule of Prices whether the tender sum was GST inclusive or not as the Form of Tender wasn't submitted. Clarification was sought from CDS who submitted the form of tender which confirmed that GST had been excluded. This clarification did not affect the overall tender scoring.

No other errors were found in the Tenderer's Schedule of Prices or Form of Tender.

Financial

The cost for this project (PJ 00506) is funded under Sewer Network Upgrades budget (LTP Indicator 217) which has a total budget of \$1,076,884 this financial year. Construction is expected to be completed this financial year.

Chief Executive Approval

The contract for Hatea River Sewer Crossing Replacement (19027) be awarded to CDS New Zealand Limited for the tendered sum of \$326,739.00 (Three hundred and twenty-six thousand seven hundred and thirty-nine dollars) excluding GST

2.0 Rooding

CON07041
 For Parking Meter Upgrade Programme 2019/20

Purpose

Approval was sought for:

- A variation in procedure to Councils Procurement Policy
- Award of contract under General Managers Delegation

Introduction

Council has made an allowance each year to upgrade a portion of its aging parking machines.

The purpose of this document was to seek approval to purchase 12 Metro parking machines equipped with credit card, eftpos and PayWave technology directly from one supplier.

The bulk of the machines will be used to upgrade the old existing green classic machines located within central city car park, Rust Ave and Clyde Street. The remaining machines used to introduce new parking areas on Carruth Street as set out in the approved parking changes presented to and approved by Council in April 2018.

Procurement Process

To ensure we do not end up with several different types of machines on the network and a number of online management tools, we have maintained a sole supplier relationship with the provider of the bulk of the existing machines that formed the majority of our asset.

That supplier is Integrated Technology Solutions (ITS) who supply the majority of parking machines to councils and private car park management companies throughout NZ

A single quote was requested from Integrated Traffic solutions Limited (ITS).

Tenders Received and Evaluated

A quote has been received from Integrated Technology Solutions Limited (ITS). copy attached. The prices received are consistent with quotes received in previous years.

Tenderer	Price (excl. GST)
Integrated Technology Solutions Limited	\$136,260.00

Financial

A budget of \$230,000.00 has been allocated in the LTP for Parking Renewals.

Group Manager Approval

The contract for Parking Meter upgrade programme 2019/20 be awarded to Integrated Technology Solutions Limited for the tendered sum of \$136,260.00 (One hundred and thirty-six thousand, two hundred and sixty dollars) excluding GST.

CON19052
Mangapai Caves Road Culvert Replacement

Introduction

Contract 19052 is for the replacement of an existing deteriorated culvert on Mangapai Caves Road with a precast concrete pipe structure to ensure a continual level of service to users.

Procurement Process

Tenders have been evaluated in accordance with the Conditions of Tendering stated in the tender documents. The tender evaluation method is "Price Quality Method Simple (PQM Simple)" in general accordance with the New Zealand Transport Agency Procurement Manual (September 2019).

Tenders Received and Evaluated

Stage 1

The tenders were opened on 1 November 2019 using the Tenderlink forum. The following

tenders were received.

Tenderer	Price (excl. GST)	Less all Scheduled Fixed Amounts	Less Scheduled Item 4.5 (Provisional)	Supplier Quality Premium	Adjusted Tender Price (excl. GST)
Earthworx Rural & Civil Ltd	\$189,444.00	\$1,500.00	\$2,800.00	\$6,261.75	\$178,882.25
United Civil Construction Ltd	\$232,125.98	\$1,500.00	\$0.00	\$2,846.25	\$227,779.73
Huband Contractors Ltd	\$231,748.70	\$1,500.00	\$2,208.00	\$0.00	\$228,040.70
Wilson Earthmoving Group Ltd	Non-conforming (Price envelope unopened)				
The Rintoul Group Ltd	Withdrawn (Price envelope unopened)				
Engineer's Estimate	\$122,940.00				

- The tender price submitted by Wilson Earthmoving Group Ltd was not opened as the tenderer did not provide sufficient information required to proceed with the evaluation of their submission and deemed non-conforming.
- The tender submitted by The Rintoul Group Ltd was withdrawn during the assessment of non-price attributes. The tenderer declined to respond to the tender clarification and requested withdrawal of their tender.

Stage 2

The tendered sums are in excess of the Engineer's Estimate. The difference with the Engineer's Estimate is believed to be due to overheated market conditions, and uncertainty of the tenderers with regards to the extent of excavation, which resulted in higher than anticipated scheduled rates for works to be completed at depth.

However, as all tendered sums are relatively close to each other, they should be viewed as reasonable within the current market.

The tender sum of UCCL at \$232,125.98 (excl. GST) is 189% of the Engineer's Estimate at \$122,940.00 (excl. GST). Given the above, the tender is considered an appropriate tendered sum.

The tender sum of Earthworx at \$189,440.00 (excl. GST) is 154% of the Engineer's Estimate at \$122,940.00 (excl. GST). The tenderer demonstrated a high degree of planning in their submission and different methodology with comparison with other tenderers which might result in the highly competitive price. The tender is considered an appropriate tendered sum.

The tender sum of Huband at \$231,748.70 (excl. GST) is 189% of the Engineer's Estimate at \$122,940.00 (excl. GST). The tender is considered an appropriate tendered sum based on the assumptions above.

An arithmetic check was carried out on the submitted tender prices. No arithmetic errors were found in the tenderer's submitted Schedule of Prices.

Financial

The budget for the Mangapai Caves Road Culvert Replacement for 2019/20 is \$200,000.00 (excluding GST).

Group Manager Approval

The contract for Mangapai Caves Road Culvert Replacement (CON19052) be awarded to Earthworx Rural & Civil Ltd for the tendered sum of \$189,444.00 (One hundred and eighty-nine thousand, four hundred and forty-four dollars) excluding GST.

CON17037

Te Matau a Pohe and Kotuitui Whitinga Bridges – Hydraulic and Mechanical Maintenance
2017

Purpose

To extend the contract period for Te Matau a Pohe and Kotuitui Whitinga Bridges - Hydraulic and Mechanical Maintenance 2017 (Contract 17037) for 3 years and to increase the contract value to \$361,794.75 exclusive of GST.

Background

Contract 17037 for the Te Matau a Pohe & Kotuitui Whitinga Bridges - Hydraulic and Mechanical Maintenance 2017 was awarded to McRae's Global Engineering Ltd for a price of \$162,441.50 excluding GST on 16 November 2017.

This contract involved the inspection and maintenance of all the hydraulic and mechanical systems of these bridges. The contract was let with an initial term of 2 years and a potential roll over of another 3 years based on performance.

A performance appraisal has been undertaken using the Council's PACE evaluation template. Based on this appraisal, the contractors' performance has been assessed as being adequate with a score of 81%. This is higher than the minimum score of 70% specified in the contract for a contract extension to be considered. Therefore, it is recommended that the contractor be granted possession of the site for a further 3 years.

It is also noted that McRae's Global Engineering Ltd have been bought out by IMG Ltd. IMG Ltd is a large New Zealand owned engineering firm which allows access to a larger resource base (110 permanent staff)' and specialist technical skills such as hydraulic ram servicing, confined space management, scaffolding and manufacturing. McRae's Global Engineering is continuing to trade and IMG Ltd have been accepted as a Council supplier. This change in ownership is expected to be beneficial to this contract by providing access to more technical expertise, improved management systems and additional resource.

Financial

If Council approves the roll over as requested, then the predicted final value of Contract 17037 will increase by \$199,353.25 excluding GST. This amount has been assessed based on current schedule rates with minor amendments to reflect agreed changes to the frequency or type of maintenance work being undertaken. This reflects lessons learnt in operating the bridges over the past two years.

The current approved contract value for Contract 17037 is \$162,441.50 excluding GST.

The contract is a measure and value contract and the actual payments to the contractor are based on the quantity of works completed at the tendered schedule of rates.

The change in contract value is summarised in the table below:

Description	Contract Value
Previous value of the contract (2 years)	\$162,441.50
The variation requested in this VO (+3 years)	\$199,353.25
The proposed new value of this contract	\$361,794.75

This increase to the contract will be funded through the council's approved Road Maintenance budget over the next three years.

Chief Executive Approval

That the contract for Te Matau a Pohe and Kotuitui Whitinga Bridges - Hydraulic and Mechanical Maintenance 2017 (Contract 17037) be extended for a further 36 months (3 years) from 1 November 2019 to 31 October 2022 and the contract value increased by the sum of \$199,353.25 (One hundred and ninety-nine, three hundred and fifty-five dollars and

twenty-five cents) bringing the total contract value to \$361,794.75 (Three hundred and sixty-one, seven hundred and ninety-four dollars and seventy-five cents) excluding GST

3.0 Water

CON15002
 Electrical and Electronic Maintenance

Purpose

To extend Contract 15002 for Electrical and Electronic Maintenance - Water Supply held by McKay Limited for two years.

Background

The Electrical and Electronic Maintenance contract for Water Supply is a service contract for the inspection, calibration and maintenance of the electrical aspects of water treatment plants, pump stations and other associated facilities. The contract also involves emergency and after-hours response to faults that may occur with both the electrical and communications equipment. Contract 15002 was awarded to McKay Electrical in 2015 for three years. An extension was granted in 2018 for an additional two years and the contract value increased to \$1,354,469.67 (excl. GST). The contract allows for another two-year extension, followed by a further one-year extension (taking the contract to 8 years in total), before it needs to be re-tendered Granting the extension prior to the end of the contract period provides the contractor with some certainty which allows them to retain staff and plan effectively. It also provides Council with time to re-tender the contract should issues arise with extending the contract.

Discussion

McKay Ltd has held the contract for the last four and a half years and a previous contract for 8 years before that. They are extremely familiar with the requirements of the contract and the location and layout of the treatment plants and pump station installations. McKay Ltd have a number of long serving staff with the skills to complete the works required and have met all the contract requirements to date. They provide an effective 24hour, 7 day a week service to ensure treatment plants are kept running.

In addition, McKay are also assisting with work associated with the SCADA system and radio communications. This was added to the scope of the contract at the time of the last extension. They have proved competent in these areas and are currently involved

upgrade of the SCADA network. This has allowed Council to reduce dependency on Auckland based specialist contractors. and has proved not only cheaper but has significantly improved response times and reduced network outages.

Financial/budget considerations

The contract includes a Cost Fluctuation Adjustment by Indexation clause to allow for inflation. The CPI, All Groups (Table 1) is used to adjust the contractors rates each year (except for

Year 1) which will then result in a revised Schedule of Prices applicable for the following year. This is applied from the start of the financial year commencing 1 July, with the current adjustment for the 2019/2020 financial year (year 5) being 1.5% to give an annual contract value of \$310,202.63

It is difficult to predict what the cost fluctuation adjustments will be in the next two years, however in order to forecast a revised contract value the figure of 2% has been used. This gives the following outcome;

Contract value to 30 June 2020 = \$1,354,469.67 Year 5

estimated contract value= \$315,658.68 Year 6

estimated contract value = \$321,223.86 Year 7

This gives a revised total contract value for all 7 years of \$1,991,352.21. This expenditure is budgeted for each year within the Water Services Operations accounts.

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.

Chief Executive Approval

That the Chief Executive approves an extension of Contract 15002 from 1 July until 30 June 2022 and that the contract value be increased to \$1,991,352.21 (One million nine hundred and ninety-one thousand three hundred and fifty-two dollars and twenty-one cents) excluding GST.

CON19046

Watermain Replacements 2019/20 – Memorial Dr and Hospital Rd

Background

Memorial Dr - The existing DN100 PVC watermain has suffered numerous breaks recently causing damage to the existing road surface and retaining walls in the area. This has become a priority to replace and upgrade the watermain with DN150 PE 100 pipe.

Hospital Rd - The existing DN150 PVC watermain has also suffered numerous breaks very close to dwellings within the defined easement causing extensive damage to various properties in the vicinity specifically between Ngahere Drive & Hospital Rd. There have also been a number of watermain breaks along Hospital Rd. The water main is to upgrade to a DN180 PE 100 Pipe.

Contract Tender

A contract to replace both mains was publicly advertised and closed on 18 October 2019. Three tenders were received as follows:

Tenderer	Amount (excl. of GST)
Forte Civil	\$694,286.38

Broadspectrum Ltd.	\$1,169,590.61
United Civil Ltd.	\$1,318,515.93
Engineers Estimate	\$1,156,275.00

The tender evaluation method was lowest price conforming.

The Forte Civil tender was found to be conforming. In the past year, Forte Civil have successfully delivered Contracts 17045 and 19001 for watermain replacements.

Financial

The lowest tender price is 49.2% below the engineers estimate. Forte Civil have confirmed that they can complete the work for the tendered sum. They previously put in a similar low-price tender for the Whangarei Heads water main replacement contract which they successfully completed to a high standard.

The Reticulation Programmed Works budget of \$1,695,634 will be used to fund the works.

Chief Executive Approval

That Contract 19046 for Watermain Replacement 2019/20 - Memorial Dr and Hospital Rd be awarded to Forte Civil for the tendered sum of \$694,286.38 (six hundred and ninety-four thousand, two hundred and eighty-six dollars and thirty-eight cents) excluding GST

CON19041
 Water Reporting Service

Introduction

After an Audit NZ report identified some shortcomings with the collection, analysis and reporting of water compliance information, Water Services have been looking for a software supplier to implement an automated Water Reporting Service. This item recommends the purchase of a Saas (Software as a Service) solution which will allow Water Services to meet its legislative Drink Water reporting requirements and satisfy Audit NZ.

Background

Earlier this year Audit NZ raised concerns about the processes used to calculate and validate Water Services' performance measures. The section from the Audit report is as follows.

Improvement in process - Water Safety performance measure

From our review of the system and processes around the collating and recording of data around the Water Safety performance measure, we noted the following:

- there is no independent review of the data that is uploaded into Water Online from the Laboratory reports;

- the reporting of the measure on a monthly basis to the Senior Leadership Team (SLT) is from the Laboratory reports and not from Water Online and there is no check to ensure that what has previously been reported to SLT agrees back to Water Online; and
- the data upload into Water Online is untimely and not every quarter as reflected in the District Council's process.

We recommend that the District Council reviews its process around the monitoring and review of its Water Safety performance measure ensuring that an independent peer review is performed over the data uploaded into Water Online.

We further recommend that the District Council uploads the data from the laboratory results into Water Online at least every quarter to ensure timely reporting.

This report highlighted the lack of a robust system for managing compliance data and reporting this in an accurate, repeatable and timely manner. Following this report Water Services investigated how other Councils manage their water compliance data. Most of the larger Councils use standardised water reporting software that accesses information from SCADA historians. These systems analyse the information and provide auditable reports to prove compliance with Drinking Water Standards. Once audited the data is accepted by the drinking water assessors for uploading to Water Online. These systems rule out double handling, reduce opportunities for human error and provide quicker and more accurate results. Water Services discussed options with the Business Improvement Team, and it was decided to advertise an expression of interest to see what was available in the market. From the expressions of interest two suppliers were selected to submit proposals.

Tenders received

Proposals were received from Lutra and Water Outlook. These two companies supply most of the Water Reporting Services to New Zealand Councils. Lutra's system *Infrastructure Data* is used by Wellington Water, Tauranga and Hastings whilst *Water Outlook* is used by New Plymouth, Taupo and Clutha district councils. The tenders were evaluated using a weighted attribute evaluation method. The attributes were evaluated as shown in the table below.

The Tender scoring results:

	Max score possible	Lutra	Water Outlook
Resources	15%	12.2%	9.1%
Application software	40%	33.0%	28.7%
Methodology	15%	10.5%	8.6%
Proven track record	10%	6.8%	6.1%
Local support	5%	4.4%	2.5%
Subtotal for non-price	85%	66.8%	54.9%

Cost	15%	6.7%	15.0%
Final	100%	73.5%	69.9%

The cost attribute is calculated from the following submitted prices.

Tenderer	Tender Price (excl. GST)	Onaoina Annual Cost
Lutra	\$ 161,036	\$36,912
Water Outlook	\$72,000	\$36,000

Tenders were asked to submit costs for a three-year period. The annual fees for each company were similar however, Water Outlook chose to discount all costs for implementation or for the first year of service.

Consequently their 3-year cost was cheaper, and they scored 100% for price. However, if the products are used over a longer period the overall percentage variation between prices would decrease.

Discussion

Lutra gained higher scores in all categories except price. They are a larger organisation and were able to provide a higher degree of certainty in critical areas such as data security, disaster recovery and ICT best practice. Lutra also has a consultancy arm which provided peer review services for the new Whau Valley water treatment plant project. They are therefore an existing supplier to WDC with a good track record. The evaluation and recommendation have been discussed with the Business Improvement and ICT departments who support the proposal.

Financial

This service will be funded under the Water Services Department Opex budget, spread over three years. It is likely that the service would be extended if it proves beneficial. Whilst Lutra will have a higher up-front cost, if the service is extended the ongoing fees are likely to be similar between the two companies.

Group Manager Approval

That Contract 19041 for Water Reporting Services be awarded to Lutra for the tender sum of \$161,036.00 (one hundred and sixty-one thousand, thirty-six dollars) excluding GST

4.0 Infrastructure Planning & Capital Works

CON19031 Tikipunga Sports Field Improvements

Introduction

This Contract is for the refurbishment of existing sports field No. 10 with irrigation, drainage, lighting, sand carpet and kikuyu surface and the installation of drainage and irrigation at existing field no 1 at Tikipunga Sports Park.

Procurement Process

The contract was publicly advertised on [www.tenderlink .com](http://www.tenderlink.com) and closed on 04 October 2019.

The tender evaluation method was price quality method in accordance with the New Zealand Transport Agency Procurement Manual. The evaluation team members were: Jason Nair, Aubrey Gifford and Marie-Katrin Richter.

Tenders Received and Evaluated

Five tenders were received as follows:

Tenderer	Non-Price Attributes Weighted Sum	Proposal Price (Excl. GST)	Supplier Quality Premium	Adjusted Tender Price (Excl GST)
Asset Construction	Fail	\$1,450,280.23	N/A	N/A
Donovan Drainage	Fail	\$1,575,049.74	N/A	N/A
Field Drainage Specialist	19.3	\$1,181,704.90	\$0.00	\$1,181,704.90
Recreational Services	20.1	\$970,988.77	\$10,276.67	\$960,712.10
Tractor Ag & Turf	19.6	\$1,205,602.55	\$3,952.57	\$1,205,602.55
Engineer's Estimate		\$1,054,017.80		

Two tenderers (Asset Construction and Donovan Drainage) did not meet the minimum requirements of the non-price criteria and were excluded from further consideration.

Recreational Services tender was the lowest price quality premium submission. An arithmetic check was carried out on their submission, no errors were found in the Tenderer's Schedule of Prices or Form of Tender.

Financial

The cost portion for the lighting upgrade will be paid out of Tikipunga Soccer Hub which has a budget of \$52,120 this financial year 2019/20. The remainder of \$221,310.03 will be brought forward from next financial year 2021/22.

The cost portion for the other work (earthworks, drainage, irrigation, sand carpet) will be paid out of Sports and Recreation Renewals which has a budget of \$697,736 this financial year 2019/20.

Please see following table for a breakdown of the costs (excl. GST).

Portion of the Works	Amount	LTP Indicator (PJ)	Available Budget 2019/20	Available Budget 2021/22
Lighting field no 10	\$273,430.03	Tikipunga Soccer Hub 00178 (PJ 00486)	\$52,120.00	\$675,000.00
All other works	\$697,558.74	Sports and Recreation Renewals 0009 (PJ	\$697,736.00	
Total	\$970,988.77		\$1,424,856.00	

Chief Executive Approval

The contract for Tikipunga Sports Field Improvements (CON19031) be to Recreational Services for the tendered sum of \$970,988.77 (Nine hundred seventy thousand nine hundred eighty- eight Dollar and seventy-seven cents)) excluding GST.

CON19060 Ngunguru Youth Activity Zone – Skatepark Construction

Introduction

Ngunguru community have made submissions to Council for a skatepark/youth zone. The Ngunguru Sports Complex has approved an area at the complex for development.

The objective is to design and implement a multiuse youth zone that delivers a skatepark for the local community.

A detailed design and specification have been developed for the work.

185m² concrete skatepark including two quarter-pipes and various skate-able features as per detailed design completed by Rich Landscapes.

63m x 1.8m metal pathway to connect the car park with the skatepark, which will serve as a basecourse for the proposed future pump track, which can be built by the community

Procurement Process

Sole Source to Robinsons Asphalts for the following reasons.

- Procurement assessed to be 'low' risk as per procurement risk matrix.
- Contractor is integrated with the Ngunguru community and familiar with local stake holders (already refurbishing the carpark for the sports complex for example).
- A consistently a high performing contractor.
- Able to deliver the project within the required timeframe.
- Prepared and motivated to upskill staff at their cost to learn specialized skatepark construction techniques.
- Have demonstrated willingness to drive down cost of contract to meet budget expectations and get greatest budget value.
- Prepared to 'free issue' machinery time to maximise benefit to community to achieve the above.
- Willing to accept and manage contributions to the construction effort (materials/ machinery) from the local community groups.

Tenders Received and Evaluated

Sole proposal developed and put forward by Robinson Asphalt. Reviewed by project team and I & S team. The Engineers Estimate was considered too light for the actual work involved.

Tenderer	Price (Excl GST)
Robinson Asphalts	\$132,060
Engineer's Estimate	\$105,000

Financial

Parks and Recreation capital works budget

General Manager Approval

The contract for Ngunguru Youth Activity Zone - Skatepark Construction (CON19060) be awarded to Robinson Asphalts for the tendered sum of \$132,060.00 (One hundred, thirty-two thousand and sixty dollars) excluding GST.

4.2 Infrastructure Operational Report – December 2019

Meeting: Infrastructure Committee
Date of meeting: 11 December 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 November 2019, Council adopted committee terms of reference for the 2019 – 2022 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 operations during October/November 2019.

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

Infrastructure Operational Report – October 2019

Infrastructure Projects Overview

Infrastructure Planning & Capital Works

Planning & Capital Works Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Major Projects - Sense of Place				
New Town Basin Park	Detailed Design	Apr-20	Jun-21	
Detailed design nearly complete. Physical works planned to start Apr 2020 to align with HAC timing.				
Ball Clock (3rd party project)	Construction	Sep-19	Jun-20	
Sod turning 18 Oct 2019. Coordinating with playground renewal project. (see next page)				
Camera Obscura (3rd party project)	Construction	Oct-19	Aug-20	
Construction commencing November 2019. Landscaping will be done by council Jul/Aug 2020.				
Town Basin Bus Facilities Upgrade	Project Planning	Jul-20	Jun-21	
Conceptual options are being drafted under the Complete Streets Masterplan project.				
Bascule Carpark & Park (TIF funded)	Construction	Mar-19	Complete	
Carpark and park are complete and open to the public. Lighting and CCTV now complete.				
Car Park on Pohe Island	Construction	Jan-19	Complete	
Carpark opened early November to the public. It has already been in use by clubs.				
Pohe Island Destination Playground & Public Toilets	Design	Mar-20	Mar-21	
Detailed design progressing. Playground equipment procured. Earthworks & services installation 19/20.				
Pohe Island Skate Park	Detailed Design	Mar-20	Nov-20	
Detailed design nearly complete. Construction brought forward to 19/20. Construction tender Dec.				
Complete Streets Masterplan – Whangarei City	Professional Services	n/a	Feb-20	
Traffic modelling of options continues. Masterplan being drafted. Will inform future city centre projects.				
Tamaterau Carparks Upgrade (TIF funded)	Design & Consenting	Mar-20	Jul-20	
Design complete, arborist & archaeological reports done, consent lodged. Works planned early 2020.				
Restoring the Mauri of Matapouri Stg 1 (TIF funded)	Investigation & Design	Oct-19	Nov-20	
Recycling & rubbish facilities installed, working with hapu on next stages.				
Abbey Caves Car Park & Public Toilets (TIF funded)	Project Planning	Sep-20	Mar-21	
TIF funding announced July 2019. Project Plan being prepared. Next step is procuring design consultants.				

Planning & Capital Works Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Major Projects - Parks & Recreation				
Matapouri Beach Restoration	Consenting	Apr-21	Nov-21	
Consent granted. Environmental window for moving sand is April to July. Physical works planned for 2021 due to insufficient sand available in the estuary. Marker posts to be installed to monitor erosion.				
Sandy Bay Erosion Protection	Consenting	TBC	TBC	
Waiting for DOC approval and resource consent before further consultation. Hapu meeting planned for Nov.				
Princes Road Seawall Renewal	Consenting	May-20	Jul 20	
Design complete. NRC consent granted. WDC tree removal consent to be applied for.				
Ruakaka Sports Fields (Sand Removal)	Consenting	Feb-20	May-20	
Sand dune removal required before sports field construction. Consent is being finalised.				
Otaika Sports Park Field Construction	Construction Stg 2	Nov-18	Apr-20	
Construction complete, turf is being established for winter 2020 season.				
Mackesy Bush Track Renewal	Construction	Apr-19	Dec-19	
Physical works nearing completion. New track sections complete to divert walkers away from Kauri forest.				
Ngunguru Seawall Renewal	Consenting	TBC	TBC	
Resource consent lodged with NRC, will be determined by a commissioner without public notification.				
Ngunguru Youth Activity Zone & Drainage	Procurement	Oct-19	Apr-20	
Drainage and reinstatement of sports fields completed. Construction of youth zone likely to start in January.				
Parihaka War Memorial Refurbishment	Construction	Sep-19	Feb-20	
Restoration of monument and lighting works under way. Phase 2-3 consultation meetings held.				
Hikurangi & Hukerenui Sports Field Drainage	Construction	Oct-19	Dec-19	
Construction of Hikurangi works nearly complete, Hukerenui works half complete.				
Parua Bay Sports field Drainage	Design	Oct-19	Dec-19	
Construction started in November 2019.				
Town Basin Playground Renewal	Detailed Design	Mar-20	Sep-20	
Design nearly complete. Playground equipment procured. Construction tender Dec-Jan, works start March.				
Town Basin Wharf & Boardwalk Renewals	Investigation	Apr-20	Jul-20	
Seawall requires repair. Wharf in poor condition. Replacement of wharf piles likely to be April 2020.				
Town Basin Lighting Renewals	Design	Feb-20	Jun-20	
Initial design done, needs integration with new park and Hundertwasser lighting.				
Laurie Hall Park Waterfall Upgrade	Design	TBC	TBC	
Design completed. Project parked until 20/21 financial year.				
Tikipunga – Field Sand Carpets	Construction	Nov-19	May-21	
Under construction.				
Pyle Road West Seawall Renewal	Design	TBC	TBC	
Design work underway as per One Tree Point erosion report.				
Waipu Youth Activity Zone	Site planning	TBC	TBC	
Initial project scoping work under way. Construction budgeted for 20/21 financial year.				

Cobham Oval Carpark Upgrade	Project Planning	TBC	TBC	
LTP project brought forward. Scoping and background research commencing November 2019.				

Planning & Capital Works Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Major Projects - Water				
Whau Valley Water Treatment Plant	Construction	Mar-19	Oct-20	
Piling completed Oct-19. Moving onto above ground structures. Commissioning to occur Oct/Nov-20.				
Ruakaka WTP Clarifier Upgrade	Construction	Mar-19	Apr-20	
One scraper system complete and being commissioned. Second one planned for Feb 2020 after peak period.				

Planning & Capital Works Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Major Projects - Waste & Drainage				
Whangarei WWTP Odour Control	Detailed Design	TBC	TBC	
Detailed design completed. Construction on hold until discharge consent water quality requirements are known.				
Whangarei WWTP Discharge Consent Renewal	Technical Reports	n/a	Apr-21	
Consent expires Apr 2022. Monitoring programme in progress. Reviewing consent strategy.				
Stormwater Network Consent Applications	Technical Reports	n/a	Dec-20	
Stormwater Catchment Strategic Assessment underway. Data gathering, asset updates & mapping continue.				

Planning & Capital Works Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Major Projects – Compliance & Regulatory				
New Animal Shelter	Design	Dec-19	May-20	
Design work recommenced based on new site.				

Planning & Capital Works Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Major Projects – Venues & Events				
NEC Lighting Upgrade	Design-Build Tender	Nov-20	May-21	
Tender negotiations and scope confirmation continue into Dec 19. Lighting expert engaged for resource consent.				

Waste and Drainage

Waste and Drainage Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Hikurangi Sewer Rehabilitation Stage 2	Construction	Feb-19	Mar-20	
Physical works are 75% complete. Still on track to be completed by end of March 2020.				
Tarewa Rd/SH1 Sewer Crossing Stage 2	Construction (NZTA)	Jul-19	Apr-20	
To be installed after completion of pavement widening works. Expected to be done in March 2020				
Hatea River Sewer Crossing	Construction	Feb-20	Apr-20	
Contract has been awarded. Pre-start meeting held November 2019.				
Tamingi St, Ruakaka Sewer Renewal	Construction	May-19	Dec-19	
Approval given to start pipe-bursting at start of the month. Expected completion by end of year.				
Leith Catchment Sewer Rehabilitation	Construction	Apr-19	Dec-19	
Two lines remain to be completed. Expected to be completed by end of the year.				

Water Services

Water Services Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Water Treatment Plant Upgrades	Construction	Sep-19	Jun-20	
Ruakaka scrapers going well, completion in March, other works generally on target				
Meter Replacement Contract 2019/20	Construction	Sep-19	Apr-20	
On track				
Reticulation Programmed Works 2018/19	Construction	Oct-19	Jun-20	
Work on Morningside Road underway, Hospital Road next				
Minor Projects - Emergency Works	Design	n/a	n/a	
Prioritisation being confirmed				
SCADA Upgrade	Construction	May-19	Jun-20	
Ahuroa site programming complete, go live after summer peak				

Roading

Roading Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
LED Street Lighting – Supply & Install (V Category)	Construction	Jul-19	Dec-20	
Construction phase continues				
Safety Package (Vinegar Hill Rd & Whg. Heads Rd)	Construction	Sept-19	Mar-20	
CON18052 Construction phase continues				
Maunu/Porowini Intersection Improvements	Construction	Jun-19	Mar-20	
CON18047 Construction phase continues				
KSP Stage 4b (Fisher Tc Underpass)	Construction	Nov-18	Complete	
CON18012 Completed with opening on the 24 November 2019				
KSP Stage 3 & 4 SP1 (Kamo Rd-Puna Rere)	Construction	Nov-18	Complete	
CON170556 Completed with opening on the 19 September 2019				
KSP Stage 3 & 4 SP2 (Jack St to Fisher Tc)	Construction	Dec-18	Complete	
CON17056 Completed with opening on the 24 November 2019				
Te Matau a Pohe Road Light Replacement	Construction	Dec-19	Jan-20	
Contract awarded and installation of lights expected to be early January 2020				
Inner CBD Transport Model	Optioneering	n/a	Dec-19	
Optioneering is nearing completion, with results expected December 2019.				

Infrastructure Planning & Capital Works

Infrastructure Planning

The Proposed Regional Plan for Northland (PRPN) decision version was released in June 2019. It was determined that WDC and FNDC would not pursue an appeal but would join any appeals as a s274 party. WDC and FNDC joined six appeals and will continue to attend proceedings.

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

WDC Urban and Services Plan Change submissions have been reviewed and responses prepared on behalf of Infrastructure Group.

Infrastructure Development

AMS - Asset Lifecycle Management (ALM) Upgrade

A fully operational rendition of the new Technology One ALM module is expected to be available for training before the end of December 2019.

Development Engineering

The number of reports completed in October were 38 compared to 27 in September. The 8-day level of service for engineering report delivery is at 73% this month. We anticipate this value will fluctuate as we have staff and consultants taking leave, but we expect this to improve gradually as staffing level increase and as our consultants become more familiar with Council processes. We continue to rely on external consultants who processed 66% of all applications assessed in October. Our newly recruited Graduate Engineer has had a successful first month. Another Graduate Engineer has been recruited and will start in early December. The demand for experienced Land Development Engineers means that these positions are difficult to fill.

Development Contributions

The fourth month of the financial year shows a pickup in recovery against the predicted income trend line.

All resource consent, building consent and public utility applications are assessed for development contributions. To date 240 developments have been assessed as requiring contributions. Planning has started for reviewing the Development Contributions Policy this will be done in conjunction with the Long Term Plan process.

Health and Safety

Accidents & Incidents Reported in October 2019

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.

Incident type	Staff	Infrastructure Contractors	Infrastructure Volunteers	Public incidents	Public incidents (not in workplaces)	Totals this month	Running Total 2019-2020	Totals 2018-19	Totals 2017-18	Totals 2016-17	Totals 2015-16
Prohibition Notice	0	0	0	0	0	0	0	1	0	1	0
Fatality	0	0	0	0	0	0	1	2	0	0	0
WorkSafe Notifiable Event	0	0	0	0	0	0	3	2	0	2	0
Lost Time Injury	0	2	0	0	0	2	10	11	9	8	4
Medical Treatment Injury	0	4	0	0	0	4	14	34	51	40	39
Occupational Health Exposure	0	0	0	0	0	0	4	3	1	5	0
Minor injury	2	2	0	0	0	4	9	93	108	119	57
Discomfort and Pain	2	1	0	0	0	2	37	31	40	36	29
Breach of rule incidents	0	1	0	0	0	1	3	8	12	0	0
Incident/Near Miss	3	17	0	0	0	20	72	189	204	189	292
Totals	7	27	0	0	0	34	120	365	425	400	421

Table 1 – Incidents and running totals, October 2019– Note: figures accurate to 12/11/19.

Waste and Drainage

Operations and Maintenance

Whangarei WWTP

The plant operated well under extreme wet weather during the first half of October. Reaching peaks of around 35,000m³ and 51,000m³. The flow gradually declined to around 14,000 m³. Compared to the same period in 2018, the plant received 30% more in volume. Activities carried out at the main plant during October included:

- Driving belt was tightened for digester No 1 while the driving belt for No 2 was replaced.
- A blade on surface aerator 1 came off and was replaced successfully without incident.

Rural WWTP Major Operation & Maintenance Included:

Ruakaka: Sludge survey completed. Waiting for contractor to release the report. Wetland bund raised, pampas was removed from wetland batter. As per new resource consent the configuration of the two oxidation ponds is to be modified from series to parallel which will increase the plant treatment capacity. The detailed design of the pond reconfiguration shall be available in Nov 2019.

Ngunguru: The W&D team will be trialing (Membrane Aerated Biofilm Reactor) MABR technology at this site to deal with high ammonia concentrations from the effluent. They intend installing a demo Zeelung MABR unit for this trial. Confined space register and machinery risk review completed. UV flow setting in manual mode changed to auto. Repair completed.

Reticulation

There were three recorded spill incidents in October 2019. All sites were disinfected.

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Vol. (m ³)
Unknown	10/10/2019	10/10/2019	65 Raurimu Avenue, Onerahi	Benching failure in manhole caused restriction to outlet with rags accumulating over time partially blocking the outlet. The manhole was surcharging a few litres at the end of each pump cycle, this manhole receives pumped flows only from Pah SPS.	<1m3
14/10/2019	14/10/2019	14/10/2019	8 West End Avenue, Hora Hora, Whangarei	Blockage in downstream line unknown in nature but suspect tree root intrusion. Slightly elevated flows, most of spill contained in subfloor area, private plumbing issues raised with property owner in 2018 don't appear to have been resolved, raised again.	<1m3
Unknown	18/10/2019	18/10/2019	End of Amy Kate Street Tikipunga	Unidentified substantial blockage in downstream line just downstream of surcharging manhole. Normal flows, very little contamination reached the water way fortunately.	<10m3

Solid Waste Operations

The recycling collections in Hikurangi using the additional blue crates for glass has improved as residents have adjusted to the new system. There have been a small number of complaints and feedback has generally been positive. There have been calls for wheeled bins for all recyclable material and the customer services and communications teams have attempted to explain the rationale for separate collection. The new recycling collection truck with a sideloading trough

has been delivered and some minor modifications have been identified before further trucks are delivered. Delivery of crates to the rest of the district will happen in November with a few through December.

The tonnage of recycling collected has remained similar to last year, rural transfer station rubbish continues to decline, and kerbside rubbish was high which may be due to having five collection weeks in the month.

Laboratory Report

During October 2019 the Laboratory analysed 923 samples requiring 3345 tests. 21% of the tests were subcontracted and 47 % of results were reported within 5 working days. This represents an 8.0 % increase on testing performed when compared with the same period last year.

Roading - Transportation

Maintenance Contracts

North Area

Ordered works completed this month are as follows:

- Stabilised dig-out repairs at Nook Rd, Taranui Rd and Whangarei Heads; Drainage/watertabling works at Kerr Rd, Kohinui Rd, Lamb Rd, Kauri Mountain Rd, Owhiwa Rd and Franklin Rd; Roadside spraying in the Russell Rd area; Emergency callouts – trees down and oil spillages.

Routine works completed this month include

- 463 Unsealed pothole repairs; 83 Sealed pothole repairs; 44 Culvert marker installations; 127km of grading unsealed roads; 33 Edge marker replacements; 226m of detritus sweeping.

South Area

- 415 Unsealed potholes filled. Further focus on unsealed pothole and grading required after weather event.
- The focus for October's Sealing Rehabilitation Programme was working on prioritising sites to fit the budget. This is now complete with commencement of the sealing programme to be late November early December, we will start with the 19/20 pre-reseal repairs.

Rehabilitation / Construction

- Tangihua Rd rehab was started on 21st October and is progressing well. We will reinstate the informal foot path. We have started laying pavement aggregate in the second week of November.
- McGill Rd design is complete, options and costings to be submitted.
- Mill Rd rehab design is complete, options with costings to be submitted. Looking to submit a price to further investigate underground services, and a price for ancillary works, being kerb, channel and footpath replacement. Other designs are being worked on.

Resurfacing

- Reseals commenced 28/10/19 on Springfield Rd. Sites in Tikipunga, Kamo and Whau Valley programmed for early November.
- Pipiwai round about asphalt site completed 24/10/19.

Drainage

- Otuhi Rd surface channel drainage and site benching was 90% completed during October. Being completed this week. Jackson Rd surface water channels were completed during October.

Other

- TAB Vine St carpark asphalt completed 22/10/19. Continuing to monitor the slip at Manuka Place. TTM monitoring of uneven surface at water main break Whareora Road.

Routine Works

- October the 11th saw a large wet weather event hit Whangarei. Multiple call outs for flooding and trees down saw our crews busy attending CRMs and a week of clean ups around the WDC contract. There are still ongoing works to complete for this event. This weather event saw multiple potholes form across the sealed network. 41 Sealed potholes filled.

Cyclic Operations

- Urban spray program saw 381kms sprayed by "Team Vegetation" through Portland and Riverside.

Projects - Low Cost Low Risk Projects (Minor Safety)

High Risk Rural Roads:

- **Murphy's Bend** surfacing & curve signage (2019-20) – Design in progress.
 - We have completed the optioneering for the design of the curve realignment and shape correction (2019-21) Cost estimates confirm realignment options requires a Business Case approach outside of the NZTA Low Cost Low Risk programme.
- **Vinegar Hill Rd** – Guardrails, curve realignment near Riversong Rd and delineation improvements – currently under construction
- **Fisherman's Point** (Whangarei Heads Rd)
 - Survey and review curve shape and surface drainage (2019-20) underway. Next step is to reshape curve and surfacing (2019-20).
- **Whangarei Heads Rd / Pepi Rd** intersection guardrail – currently under construction
- **Cove Rd Culvert Extension** (Waipu Cycleway Stage 2a) – to be built with Cycleway Construction (2019-20).

High Risk Intersections (Safety):

- **Kamo Rd / Kensington Ave Intersection** – investigating options to modify phasing to improve safety (filter-phase) (2019-20)
- **Bank St / Rust Ave & Bank St / Vine St Intersections** – improve capacity and safety by increasing stacking distance (2020-21)
- **Corks Rd / Gillingham Intersection** – safety improvements. Guardrail installation completed 18-19 and curve widening planned with 19-20 reseal, for which land purchase negotiations and underground services negotiations are underway

Pedestrian facilities:

- **Hikurangi Township** – zebra crossing and school access safety improvements and speed management. Working with Hikurangi Revive and the school to provide alternative access to the school with improved pedestrian crossing for local business and the community. Currently working with consultants on design options construction early 2020.
- **Hatea Drive crossing** – new pedestrian crossing (median islands) in Hatea Drive near Rurumoki Street (access to Mair Park) – construction completed.
- **Whangarei Heads Rd** – upgrade pedestrian crossing to a School Kea Crossing (2019-20) likely to be deferred to 2020/21 until agreement with community and school is reached.
- **Cross St** (outside Whangarei Primary School) – scheme design underway, implement with 19-20 reseal

School zones:

- Finalising our multi-criteria assessment tool, due late 2019. Tikipunga School, Kamo Intermediate School & Glenbervie School sites to be upgraded. Signs have arrived and installation 90% complete.

Slow Streets:

- **Kensington Area** – programme includes traffic islands, signs and markings for Dinniss Ave and Wallace St, implement (19-20).
- **Otagareai** – programme includes speed platforms for Jack St. Traffic islands, signs and markings will be placed in other Otagareai streets, implement (2019-21).
- **Avenues** - programme includes traffic islands, signs and markings for First, Second and Third Avenues between Kauika Rd and Central Ave, implement (2019-21).

Speed Management:

Formal consultation has started on the following areas as part of Tranche 1: Ruakaka; One Tree Point, Waipu and Vinegar Hill Road. Submissions are due to close December. Staff will report to Council on our recommendations in the new year, considering the public feedback.

Walking and Cycling (Shared Paths):

- **Kamo Shared Path** was formally opened on 25 November 2019. We have submitted a business case with NZTA for funding for Stage 5, additional links to schools and improvements.

- **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. We will need to complete a business case to obtain funding from NZTA.

NZTA Northland Integrated Cycle Network

- NZ Transport Agency, with funding from the Provincial Growth Fund (PGF) has completed 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 identified 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. We are working on a number of Heartland Ride (on-road trail) applications to realise early some of the benefits of the 'completed' off-road network.

New Footpaths

We have awarded most of the works to Broadspectrum and Downers:

- **Paranui Valley Rd** - Stage 1 works are complete, balance Stage 2 currently under investigation and design to be completed early 2020. Construction deferred to 20/21.
- **Mackesy Road and Konini Street** – works to start by Downer before Christmas.
- **Railway Rd** (between Okara Dr and Railway Rd carpark) – completed
- **One Tree Point Rd** – design currently progressing with construction expected to start this construction season 2019/20.
- **Pipiwai Rd** (near sports grounds). Drainage currently under design with construction early 2020.
- **Helifax Dr to Town Centre** (Waipu). Implement 2019/20, pending developer stormwater contribution.
- **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 luminaires arrived in late September 2019. Installation will be completed early 2020.

LED Street Light Conversion

- 1,200 V-Category (arterial road) lights in Whangarei City have arrived on 13 May 2019. In addition to the above, there are another 360 V-Category lights that have been designed for rural towns. The orders for these lights were placed in July and finally arrived this month.
- The installation of the V-Category retrofit lights (ie swapping the old light for new LED) being undertaken by Currie Electrical is well underway and is expected to be completed in December.
- New tender documents have been prepared for the installation of completely new V-Category infill streetlights (ie those requiring new poles). These tenders were released in the first week of November and tenders will close in early December. The installation of these lights is expected to commence in January 2020 and be completed in late 2020.

Inner CBD Transport Model

- The base model for Inner CBD Transport Model has completed and optioneering is nearing completion. Results are starting to come through for the packages of upgrade options being modelled. The final results are expected to be known in early/mid November. These options will include proposals identified in the Whangarei City Transportation Network Strategy and those resulting from the Complete Streets Masterplan project.

Whangarei District Road Safety Promotion Report October 2019

Safety programmes such as Drive Soba, Motorcycle Safety, Seatbelt Project and Drive Smarta, are on going for the year, being well attended.

Parks and Recreation

Operations

Walking Tracks

We experienced strong wind events during the month and as a result have had several trees down across our tracks. Two are quite large, notably on the Drummond Track and the coastal walkway at Tamaterau.

Tracks at Limestone Island were reviewed this month. They are generally in good condition but become increasingly shaded as the areas of bush develop where trees were planted.

Plans are underway for the design of the capital upgrade of walking tracks this financial year. It is proposed to lay a hard surface on the last section of the Hatea walkway between AH Reed and the swing bridge to the north. The last 750m of the Frank Holman Track in the Coronation Reserve will also get a hard surface and a complete upgrade of the Goetzee Track south of AH Reed to link with Parihaka is also planned.

Tree Maintenance

A major project has been completed at the Springs Flat soccer fields where a dying leylandii conifer hedge has been removed. Work has also been completed at the Fisher Terrace Reserve removing poor quality trees in preparation for the shared pathway extension to Kamo Intermediate School.

Last month Treescape were 75% proactive and 25% reactive in their work slightly lower than the 80/20 split we aim for resulting in less streets being completed. This drop has been in response to increased Cut to Trim notices from North Power. A positive meeting has been held with the contractor about increasing resources.

Coastal Structures

Recently wave action has removed more fines from behind the Beach Rd seawall near the Onerahi playground, as a result more small holes have appeared along the seawall/reserve margin. Two sets of stairs were also undermined, the main set cracked and slumped however repairs were made in a timely manner. This seawall is currently under design for renewal soon so the extra expense of tying them in aesthetically wasn't warranted.

Sports fields

Rainfall of 148 mm mostly fell on 2 days mid-month, so while it was welcome and fields responded to it, generally conditions remain dry. Warmer temperatures towards the end of the month encouraged grass growth especially warm season grasses. This has made the mowing teams busier. Summer codes are well underway, and some cricket was played on grass wickets at the end of the month. Preparations started for the visiting English Cricket team playing warm up games at Cobham Oval in early November.

Average of audit results was 96.5 %, against a target of 90%.

Parks and Gardens

Despite rainfall in October and into early November we are discussing with the contractor the impact of the dry soil conditions at this time of year on the upcoming summer. There is a concern about the drier than usual soil moisture levels and if we have a dry summer this may lead to significant plant and tree deaths. An indication of how dry it is this year is the hay making on Pohe Island started in early November 4 to 6 weeks earlier than we have ever done it before.

New irrigation has been installed in the annual beds around the sundial, which will help ensure a stunning display this summer. Existing Irrigation lines have been checked and reconfigured to provide for a better and more efficient watering regime.

Weed growth is rampant throughout the district and gardens continue to need a lot of attention. The mowing is really starting to pick up, the growth has been exceptional, and the contractor's mowing teams are working very hard to keep on top of the growth. Maintenance of our entrance way planting and other weed control is well under way and the plantings are establishing well. Unplantable areas are going to be mown periodically to keep them tidy.

Toilets – Potter and Kensington Park

There has been some discussion around providing a public toilet at Potter Park. Potter Park is a neighbourhood park, these types of parks are generally used by children who live nearby. We don't normally provide toilets at neighbourhood parks e.g. Puriri Park, Otangarei central reserve playgrounds, Nixon Street playgrounds. However, we have a spare public toilet facility as we do need to relocate the current public toilet from Kensington shopping centre as the lease has run out and the property owner would like this removed. This provides an opportunity to meet the

need at Potter Park. The new development at Kensington will have public toilets facilities as part of the development but they will not be available until October 2020. Removing this toilet before the new toilets are available will cause issues particularly for elderly people visiting the chemist. The nearest alternative toilets for them will be at the netball centre/Kensington playground. Regardless of this desire, the property owner wants the toilets removed from the site to continue his development before the new ones are available.

Playgrounds and Skate Parks

During October there were several vandalism / breakages of play equipment in our playgrounds. The shade sails are due to go up in early November and at that time a new shade sail will be installed at Amber Drive playground that fits the new playground better and will not give kids access onto the sail.

Cemetery

There were 12 burials this month, and with the strong grass growth the team has been busy. It is planned to up-grade the old cemetery caretaker's cottage and provide a new cemetery reception/office. Early design work has started with construction planned next financial year. This project includes removing one of the houses for additional carpark including accessible parks. Another win for the cemetery with the green flag being awarded for the third year in a row.

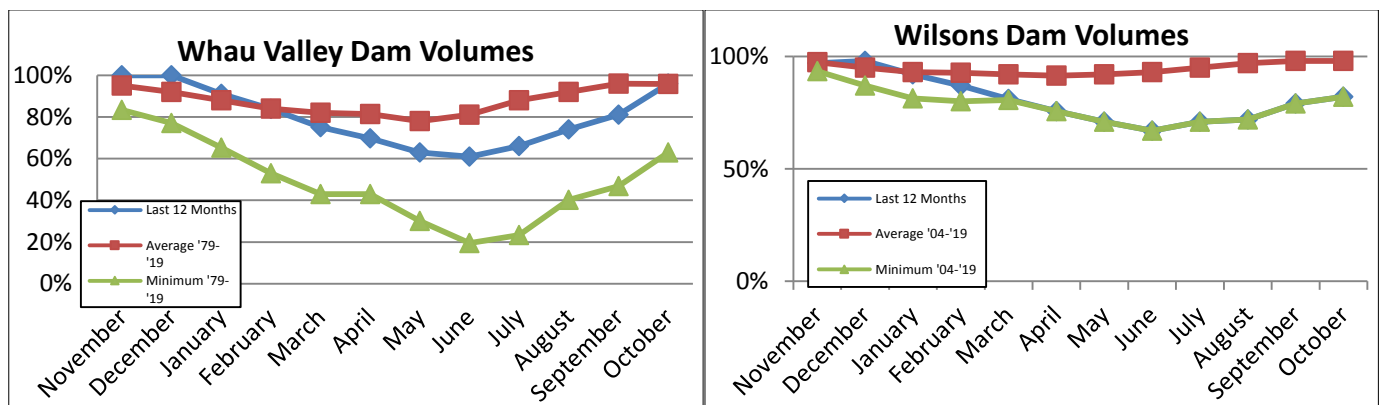
Botanica

October visitor numbers: 1953, over 200 more visitors than last October being 1735. As usual the plants and displays are looking amazing thanks to the tireless work of the staff. We have commissioned a Condition Assessment report for all the buildings/structures at Botanica. This will include a maintenance schedule and costings for any repairs. This will help prioritise renewals and maintenance.

Water Services

Operations

After 9 months of low rainfall 150mm of rain fell at Whau Valley water treatment plant in October. This was higher than the average of 110mm and was a welcome relief after a dry winter. Even with this extra rain we still have a rainfall deficit of 576mm which equates to 41% less than normal for the year to date. As a consequence, staff have been running the Hatea River and Poroti sources harder than normal to try and save water in the Dam and use river water while it is available. The Wilsons Dam remains at 82%. This is the 8th consecutive month the Dam has been at a monthly low.



Production Report

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.

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

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

Consents and Compliance - Laboratory Water Quality Tests

Description	Number of Tests	Failures	Results	Goal	Retest
E. Coli leaving WTP	12	0	100%	100%	N/A
E. Coli within distribution	37	0	100%	100%	N/A
Free Available Chlorine within distribution (above 0.2mg/l)	71	0	100%	95%	N/A

Distribution Report

A total of 41 service connection leaks were repaired together with 15 main and rider main leaks. The number of leaks is low but starting to trend up and is expected to continue to rise as the ground dries out heading towards summer. A total of 19 new water connections were installed during the month and 10 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.

Reticulation Programmed Works

Work is now complete on rider main replacements contract that were awarded to the Watertight Company earlier in the year. The contract involved mains replacements in Dinniss Ave, Albert St, Brake Ave, Sherwood Rd, Henry St and Lovatt Cres. The water main that runs from the intersection of Fairway Drive and Whau Valley Road up towards the first one lane bridge on the way to the Dam has also been replaced. Further main replacements have been tendered for Hospital Road and Memorial Drive and the work awarded to Forte Civil.

RESOLUTION TO EXCLUDE THE PUBLIC**Move/Second**

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:

General subject of each matter to be considered		Reason for passing this resolution in relation to each matter	Ground(s) under Section 48(1) for passing this resolution
1.1	Water Reticulation Maintenance Contract Extension	Good reason to withhold information exists under Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)

This resolution is made in reliance on Section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or the relevant part of the proceedings of the meeting in public, are as follows:

Item	Grounds	Section
1.2	To protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied it or the subject of the information.	Section 7(2)(b)(ii)

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.