

Infrastructure Committee Agenda

Date: Thursday, 11 June, 2020

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.

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Recommendations contained in the agenda are not the decisions of the meeting.

Please refer to minutes for resolutions.

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.

Item 3.1
Infrastructure Committee Meeting Minutes

Date: Thursday, 12 March, 2020
Time: 9:00 a.m.
Location: Council Chamber
 Forum North, Rust Avenue
 Whangarei

In Attendance
 Cr Greg Martin (Chairperson)
 Her Worship the Mayor Sheryl Mai
 Cr Vince Cocurullo
 Cr Nicholas Connop
 Cr Ken Couper
 Cr Shelley Deeming
 Cr Phil Halse
 Cr Greg Innes
 Cr Anna Murphy
 Cr Carol Peters
 Cr Simon Reid

Not in Attendance
 Cr Gavin Benney
 Cr Tricia Cutforth
 Cr Jayne Golightly

Scribe C Brindle (Senior Democracy Adviser)

1. **Declarations of Interest** – there were no interests declared.

2. **Apologies**

Councillors Gavin Benney, Tricia Cutforth and Jayne Golightly

Moved By Cr Vince Cocurullo

Seconded By Cr Phil Halse

That the apologies be sustained.

Carried

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

3.1 **Minutes Infrastructure Committee meeting held 13 February 2020**

Moved By Cr Greg Innes

Seconded By Cr Shelley Deeming

That the minutes of the Infrastructure Committee meeting held on Thursday 13 February 2020 having been circulated, be taken as read and now confirmed and adopted as a true and correct record of proceedings of that meeting.

Carried

4. Decision Reports

4.1 Parking Restrictions - Marlin Place (Tutukaka)

Subsequent to the agenda being issued council received an additional request, consequently further information was provided in supplementary agenda Item 4.1.1.

Moved By Cr Anna Murphy

Seconded By Cr Vince Cocurullo

That the Infrastructure Committee approves that pursuant to the Whangarei District Council Parking and Traffic Bylaw 2017 Clause 14, the parking of vehicles be prohibited at all times as per the schedule below:

Road Name: Marlin Place		
Road ID: 755		
	RAMM Displacement	
Side	Start	End
RHS	0	28

Road Name: Marlin Place		
Road ID: 755		
	RAMM Displacement	
Side	Start	End
RHS	35	140

Road Name: Marlin Place		
Road ID: 755		
	RAMM Displacement	
Side	Start	End
LHS	0	36

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

Recorded

For

Against

Abstain

Cr Greg Martin
(Chairperson)

X

Her Worship the Mayor	X		
Cr Vince Cocurullo	X		
Cr Nicholas Connop	X		
Cr Ken Couper	X		
Cr Shelley Deeming	X		
Cr Phil Halse		X	
Cr Greg Innes	X		
Cr Anna Murphy	X		
Cr Carol Peters	X		
Cr Simon Reid	X		
Results	10	1	0

The motion was Carried (10 to 1)

Crs Benney, Cutforth and Golightly were absent.

4.2 Parking Restrictions- Riverside Catchment

Moved By Her Worship the Mayor

Seconded By Cr Shelley Deeming

That the Infrastructure Committee approves

1. that pursuant to the Whangarei District Council Parking and Traffic Bylaw 2017 Clause 14, the parking of vehicles be prohibited at all times as per the attached plan and the RAMM schedule below:

Road Name: Ewing Road		
Road ID: 128		
	RAMM Displacement	
Side	Start	End
LHS	650	680
RHS	645	680

Road Name: Dundas Road		
Road ID: 119		
	RAMM Displacement	
Side	Start	End
LHS	0	45
RHS	0	40
RHS	155	180

Road Name: Punga Grove SL No. 2		
Road ID: 1432		
	RAMM Displacement	
Side	Start	End
LHS	0	20
RHS	0	20

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

Recorded	For	Against	Abstain
Cr Greg Martin (Chairperson)	X		
Her Worship the Mayor	X		
Cr Vince Cocurullo	X		
Cr Nicholas Connop	X		
Cr Ken Couper	X		
Cr Shelley Deeming	X		
Cr Phil Halse		X	
Cr Greg Innes	X		
Cr Anna Murphy	X		
Cr Carol Peters	X		
Cr Simon Reid	X		
Results	10	1	0

The motion was Carried (10 to 1)

Crs Benney, Cutforth and Golightly were absent.

5. Information Reports

5.1 Contracts Approved Under Delegated Authority - March 2020

Moved By Cr Anna Murphy

Seconded By Cr Greg Innes

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

Carried

5.2 Infrastructure Operational Report - March 2020

Moved By Cr Vince Cocurullo

Seconded By Cr Greg Innes

That the Infrastructure Committee notes the Infrastructure Operational Report update.

Carried

6. Public Excluded Business

There was no business conducted in public excluded.

7. Closure of Meeting

The meeting concluded at 9.43am.

Confirmed this 11th day of June 2020

Councillor Greg Martin (Chairperson)

4.1 Water Demand Management Policy

Meeting: Infrastructure Committee
Date of meeting: 11th June 2020
Reporting officer: Andrew Venmore (Manager Water Services)

1 Purpose

To consider the reviewed Water Demand Management Policy and approve the changes made as per the agenda attachment.

2 Recommendation

That the Committee approve and adopt the reviewed Water Demand Management Policy.

3 Background

With increasing pressure being put on our water resources demand management has become an important part of the water supply activity. Some resource consents require that Demand Management practices are implemented to comply with the conditions of consent. Demand Management is a phrase used to imply the most effective and efficient use of water by controlling where and how the water is used. The strategies for demand management are outlined within the Water Services Water Demand Management Strategy 2015.

The purpose of this policy is to outline the key activities to be undertaken by Council in order to minimise the wastage of water.

4 Discussion

One additional bullet point has been added to the Policy to clarify the activities that are being undertaken and will continue to be undertaken as Council continues to strive to develop more sustainable water supplies:

- Recycling of water at water treatment plants

The recycling of water at treatment plants is allowed in the Drinking Water Standards provided that the volume of water recycled does not exceed 10% of the total amount of water treated. Most of Whangarei District Council's water treatment plants already recycle some water. The Water Demand Management Policy has been revised in accordance with the 5-yearly review. Following the last review in 2015, where the policy was significantly extended and renamed from "Water Conservation Policy" to "Water Demand Management Policy" the bullet point above is considered the only change necessary.

References

The information in Policy 0075 report comes from the following source documents:

Water Services – Water 2018 AMP

Water Services - Management - Water Demand Management Strategy [15-113]

Water Services - Drought Management Plan - [15-111777]

5 Covid–19

The impacts of Covid-19 on this decision have been considered. There are no impacts expected.

6 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via Agenda publication on the website, Council News, Facebook or any other channel you currently use to inform customers.

7 Attachment

1. Water Demand Management Policy 0075 - 2020

<i>Policy title</i>			
Audience (Primary)	Internal/External	Business Owner (Dept)	Water Services
Policy Author	Water Services Manager	Review Date	July 2025

Whangarei District Council

Water Demand Management Policy

***Policy
0075***

Purpose

The purpose of this policy is to outline the key activities to be undertaken by Council in order to minimise the wastage of water.

Policy

Water Services should discourage the wasteful use of water, and proactively encourage good management and use of water. Where applicable this should be achieved through the following:

- Water metering and volumetric charging
- Prompt repairs of reported leaks and burst water mains
- Proactive leak detection programmes
- 24 hour zone monitoring
- Effective renewal strategies for ageing or leaking infrastructure
- Informing customers of unusually high consumption
- Public education and information
- Pressure management
- Collection and analysis of water use data
- Recycling of water at water treatment plants

Procedures, Processes, Standards & Guidelines

Details about water demand initiatives can be found in the Demand Management section of the Water Services Activity Management Plan.

Relevant Legislation

Section 192 of the Local Government Act 2002 covers wastage of water by customers. The section reads;

A person who is supplied with reticulated water by, or on behalf of, a local authority must not waste the water or allow it to be wasted.

Adopted

Date of meeting: 11-06-2020
By: Infrastructure Committee

Approval

This Policy has been approved by the workflow process within the policies and strategies portal in Kete.

4.2 Tourism Infrastructure Fund Applications Update

Meeting: Infrastructure Committee
Date of meeting: 11 June 2020
Reporting officer: Shelley Wharton (Infrastructure Planning & Capital Works Manager)

1 Purpose

To inform council of the current status of applications that Whangarei District Council has made to the Tourism Infrastructure Fund, and to inform the committee of the infrastructure projects which may potentially be included in future applications subject to meeting the criteria of the Fund.

2 Recommendation

That the Whangarei District Council;

1. Notes the report, and
2. Approves budget allocation of \$700,000 to the Quarry Gardens Carparks and Access Upgrade project.

3 Background

The Infrastructure Committee approved at the 8 August 2019 meeting \$2,625,000 of 'in principle' funding to support TIF applications for Quarry Gardens (\$700,000), Hatea East Carpark (\$925,000), and various public toilets (\$1,000,000). Applications for Quarry Gardens Carpark, and public toilets at Abbey Caves, the Town Basin and Matapouri Beach have been approved, therefore further approval is required to allocate budget to the successfully funded projects. Hatea East Carpark was declined funding because it was not seen as sufficiently connected to tourism.

The government's Tourism Infrastructure Fund (TIF), administered by the Ministry of Business, Innovation & Employment (MBIE), first opened for applications in 2017.

This fund of \$25 million per year is available to eligible councils across NZ for capital investment into infrastructure that requires upgrading due to existing pressures from tourism activity, or to prepare for anticipated pressures.

There are normally 2 rounds of applications each year in March and August. In 2020 there was going to be a single round in March due to elections later in the year, however due to the COVID-19 pandemic response we were advised that the Tourism Infrastructure Fund Round 5 would be postponed for an undefined period.

Prior to the round opening a priorities statement is released by MBIE outlining the types of issues that are the focus of the round. Priorities have included addressing existing issues, preparing for future visitor demand, and providing technology or innovative solutions.

Timeframes are tight with only about 6 weeks between receiving the priorities statement and the application round closing. Applications lodged with MBIE go through a criteria check and financial assessment, before being prioritised. Announcement of whether applications are approved or declined is received 2-3 months after the round closes.

Northland Inc and all Northland councils work together to coordinate applications, ensuring projects have support and align with the Tai Tokerau Northland Economic Action Plan.

4 Discussion

WDC submitted 3 TIF applications in Round 4 as outlined in the table below. With the Hatea East Carpark application being declined it is recommended that the previously approved 'in principle' funding of \$925,000 be reconfirmed to support other funding applications, including any new applications made to cover the list of infrastructure issues identified in Section 4.3.

4.1 WDC TIF Application Status

Project	TIF Round	Project Cost	TIF Funding	Application Status
Whangarei Quarry Gardens Carparks & Access Upgrade	4 – Aug 19	\$1,481,000	\$781,000	Approved
Town Basin Bus & Visitor Facilities Upgrades	4 – Aug 19	\$3,548,000	\$1,670,000	Approved
Hatea Dr Safety & Hatea East Carpark Upgrades	4 – Aug 19	\$1,890,000	\$990,000	Application Declined
Whangarei Visitor Facilities (incl. Town Basin Bus Area & Public Toilets, Hatea East Carpark, Quarry Gardens & Abbey Caves Carparks) (applied for \$6,356,000, partially approved)	3 – Mar 19	\$1,078,000 Abbey Caves only	\$539,000 Abbey Caves only	Approved \$539,000
Restoring the Mauri of Matapouri – Stage 1 applied for \$1.155m incl \$65k operational, approved \$1.114m incl \$44k operational	3 – Mar 19	\$1,940,000	\$1,114,000	Approved
Tamaterau Carparks Upgrade	2 – May 18	\$528,000	\$412,800	Approved
Bascule Carpark Upgrade	1 – Sep 17	\$510,000	\$204,000	Completed
Quarry Gardens Carpark Feasibility Study	1 – Sep 17	\$12,395	\$10,000	Completed
Abbey Caves Carpark Feasibility Study	1 – Sep 17	\$35,386	\$15,000	Completed
TOTAL PENDING APPROVAL		\$0	\$0	
TOTAL CONFIRMED		\$9,132,781	\$4,745,800	

Table 1: WDC TIF Application Status

4.2 Project Scoping for TIF Round 5

Round 5 of the TIF has been put on hold due to COVID-19 and the reduction in international visitors. The priorities statement from MBIE was released, and remained largely the same for Round 5, with more emphasis on innovative approaches and technology.

Ruakaka toilets, Ocean Beach toilets and carparking, and various campervan dump stations, are being investigated and scoped for applications to the TIF, should it open up again.

4.3 Unresolved Infrastructure Issues Relating to Tourism Demand

Staff are constantly gathering information about tourism pressures across the district. These issues are collated along with existing project or maintenance budgets to amalgamate into larger projects with scope and funding that can meet the TIF criteria.

In no particular order, the list of issues for consideration within future TIF projects includes, but is not limited to:

- Tutukaka/Ngunguru – move campervan waste dump station, rubbish and recycling, parking, facilities for Te Araroa Trail walkers
- Ruakaka – more public toilets, changing rooms at beach, potential freedom camping overflow area
- Brynderwyn Lookout – carpark upgrade, land purchase, walkway, lookout platforms, visitor information, public toilets and wastewater/water supply systems, rubbish bins. NZTA is leading the project but it is unfunded with a cost estimate over \$1.5m. NZTA have undertaken a safety assessment, concept design and iwi/hapu consultation. NZTA are willing to look after works in the carpark (state highway road reserve) but would like council to own and manage all other works.
- Woolley's Bay – carparking and public toilets
- Pataua North – public toilets near boat ramp, facilities for Te Araroa Trail hikers
- Matapouri Stage 2 (work with DOC and hapu on potential Mermaid Pools access)
- Waipu – rubbish and recycling, parking capacity in township, facilities for Te Araroa Trail hikers
- Helena Bay/Mokau/Whangaruru – facilities for Te Araroa Trail hikers, safety of visitor vehicles and hikers due to ongoing issue of poor fencing allowing stock such as cattle and pigs onto the road
- Whananaki – facilities for Te Araroa Trail hikers
- Ocean Beach/Urquharts Bay/Reotahi – more parking for cars and campervans, facilities for Te Araroa Trail hikers, more public toilets
- Hikurangi – campervan dump station, Lake Waro reserve access upgrade and new freedom camping spot
- Visitor Safety – across the District provision of courtesy signs where Te Araroa Trail hikers are on-road, and signs encouraging slow vehicles to pull over and allow others to pass safely

4.4 Financial/budget considerations

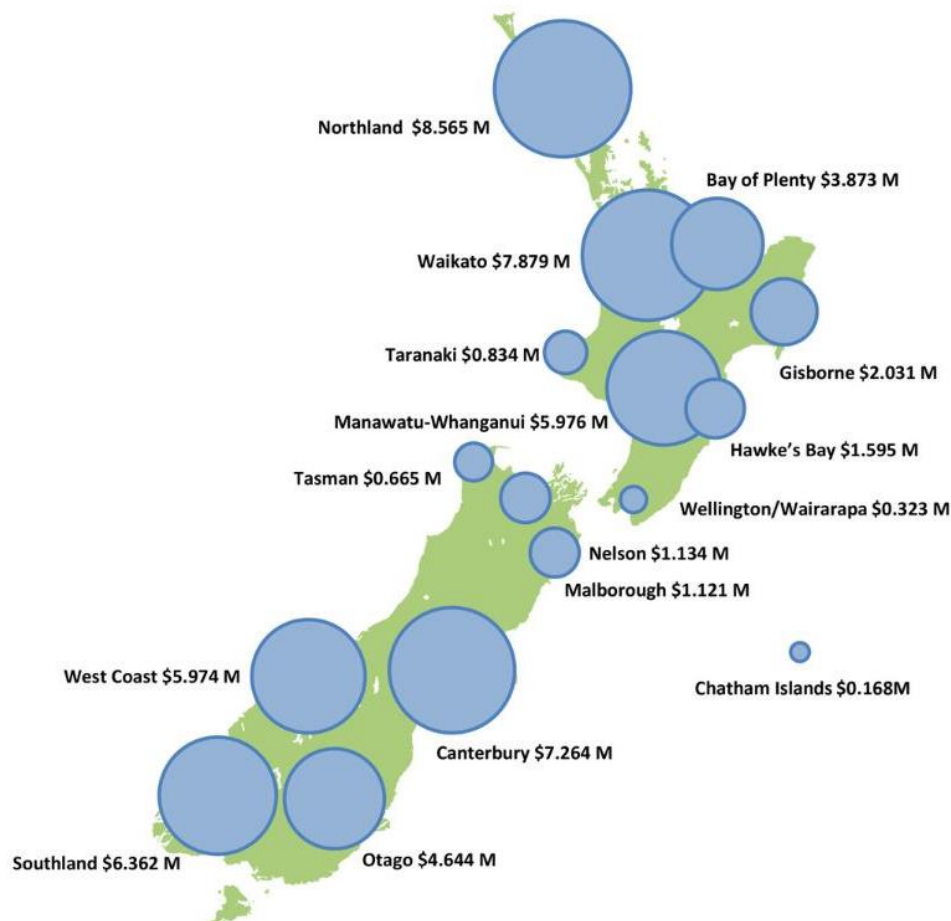
One option is to reallocate Neighbourhood and Public Gardens Renewals budget from LTP years 2024-28. The budget is \$4.691m. Projects have not yet been started for this expenditure, and there is ample opportunity to reconsider the projects required within the 2021/2031 LTP.

The Ministry of Business, Innovation & Employment publishes the projects given TIF funding across the country and aggregates results by region. The graphic below shows total funding from Rounds 1-4, with Northland having received the largest share to date. Whangarei District has received 55% of Northland's total.

Tourism Infrastructure Fund

Rounds 1-4 (funding allocation by region)

Grand Total: \$58.4 million



Source: Ministry of Business, Innovation & Employment Website

Another option is to reallocate \$0.7m out of the \$1.2m funding for the Pohe Island Bike Park which we have been carrying forward for years. There is no indication that this project will be proceeding within the next 2-3 years as originally scoped, so there is ample time to reconsider the appropriate funding for the Bike Park project within the 2021/2031 LTP when the scope of the project is confirmed. This would leave \$0.5m in the Bike Park project.

4.5 Options

Options for providing budget to the projects includes:

- Do not allocate budget and forego the TIF funding.
- Reallocate budget from within the existing Long Term Plan programmes of work.
- Defer the decision until the end of the 2019/20 financial year and reallocate any unspent budget or savings to the projects.
- Reallocate budget now to give certainty to the projects, then replenish from unspent budget or savings at the end of the 2019/20 financial year.

4.6 Risks

Not allocating budget now will create uncertainty within the projects and could cause delay in procurement of professional services and physical works.

Any decision not to allocate budget will put the TIF funding component and therefore the whole Quarry Gardens project at risk of cancellation.

4.7 COVID-19 Consideration

The impacts of COVID-19 on this decision have been considered. The impacts expected from COVID-19 on the delivery of these projects relate to the timing of delivery which has been delayed in some cases. There are no impacts on the funding commitment from the Tourism Infrastructure Fund, and the delays will be factored into the programme.

The effect of COVID-19 on tourism is likely to result in a reduction of pressure on tourism infrastructure.

5 Significance and engagement

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

5.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 11 June 2020
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

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

2 Recommendation

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

3 Background

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

Table 1: Infrastructure Contracts Awarded Under Delegated Authority

1. Parks & Recreation	
CON19058	Town Basin Playground Renewal
2. Water	
CON20030	Wairua Raw Water Connection Installation
3. Roothing	
CON20002	Professional Service for Investigation and Design of Road Rehabilitation and Seal Extension Projects

3.1 COVID-19 Consideration

The impacts of COVID-19 on this decision have been considered. There are no impacts expected.

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

Summary of Contracts Approved Under Delegated Authority March 2020

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 Parks & Recreation

<p>CON19058 Town Basin Playground Renewal</p>

Introduction

This Contract is for the renewal of the Town Basin Playground and surrounds. Key outcomes of the new design are to make it safer for children through a raised mound and fence between the playground and the carpark and realignment of the Hatea Loop away from the river.

There will also be more inclusive play options for children with mixed abilities.

The Roading department are contributing towards the realignment and widening of the Hatea Loop as the existing boardwalk was too narrow, and the wooden planks were un-even with a number of complaints received including from the Disability Advisory Committee.

There is also some cross over with the proposed up-grade for tourist bus drop off/pick up and this will be funded from that budget.

Procurement Process

The Contract was advertised on Tenderlink – www.tenderlink.com – and closed on 24 March 2020 at 3.30pm. Two Tenders were received by the closing time.

The tender evaluation method was Price Quality Method, in general accordance with the NZTA Procurement Manual.

Stage one of the tender evaluation method involved checking that the non-price attributes were in accordance with the Tender Document. All Tenderers supplied attributes that satisfied the Tender Evaluation Team. The successful contractor was Robinson Asphalts Ltd.

Tenders Received and Evaluated

	Weight	United Civil	Robinson Asphalts Ltd
Relevant Experience	10%	70%	90%
Relevant Skills & Resources	20%	60%	90%
Methodology & Programme	20%	70%	85%
Price (Excl GST)	50%	\$1,345,776	\$1,102,169
Engineer's Estimate	\$776,084.77		

The engineer's estimate is lower than the successful tender. The main differences being \$80,000 for the wet pour cushion fall which is provided by a sub-contractor and an extra \$91,000 for concrete costs with the engineers estimate using a much lower m² concrete rate than both tenders received.

As the tendered prices received for this project exceeded the engineers estimate Robinson Asphalts were asked to look at their submitted price to determine if there were any cost savings available to WDC.

Robinson Asphalts did this and have found one cost saving which could be made by using a different material for the fencing than the one specified in the Tender. They resubmitted their price with a total of \$1,082,419.04.

Financial

This project is funded out of several budgets over two financial years and includes a \$100,000 contingency and a provisional sum of \$13,260 for day works.

Town Basin playground project		
Total budget		
19/20 Neighbourhood & Public gardens Renewal		\$ 413,200
20/21 Neighbourhood & Public gardens Renewal		\$ 520,000
Playgrounds & Skatepark LOS		\$ 433,800
Waterfront services TIF project		\$ 75,000
		\$ 1,442,000
Costs		
Play equipment		\$ 300,000
Professional services		\$ 59,000
Contingency		\$ 100,000
Physical works - Robinsons		\$ 982,419
		\$ 1,441,419

Approval

The contract for the Town Basin Playground and surrounds renewal (CON19058) be awarded to Robinson Asphalts Ltd for the tendered sum of \$1,082,419.04 (One million, and eighty-two thousand, four hundred and nineteen dollars and four cents) excluding GST.

2.0 Water

 CON20030
 Wairua River Raw Water Connection, Poroti

Introduction

The Northland drought has been widely publicised and has caused concern regarding the robustness of the existing public water supply and the water sources we currently use. Consequently, it was considered prudent to connect the Poroti Water Treatment Plant to the Wairua River as a 'backup' water source.

The Wairua River has been identified as the next water source for Whangarei and we currently hold a resource consent to take water from the river. The Poroti treatment plant will need upgrading before it can cope with large quantities of Wairua River water, especially outside dry periods, when the water is turbid. This is already a project (Wairua River Source and treatment \$15.9m) within the current 2018-2028 LTP, but is not due to start until 2023.

However, in an emergency, smaller volumes of water can be treated at the existing plant, particularly during dry periods, when blended with spring water (Poroti Springs is the current water supply source for the treatment plant). The pipeline that is being installed within this contract will be used for the future upgraded Poroti treatment plant.

When the Maungatapere Water Company installed their raw watermain from the Wairua River it was installed with capacity to provide Council with water, as well as the irrigation company. In addition, a 300mm connection was provided for Council at the start of the road to the Poroti water treatment plant. To connect the treatment plant to the Wairua River water supply only requires approximately 600m of watermain.

Water Services are currently upgrading the Raw Watermain in Whareora Road with a 300mm diameter pipeline and has ordered an additional 600m of pipe to cover the connection at Poroti. This contract is for the installation of the 600m pipeline at Poroti.

Procurement Process

Due to the urgent nature of the work and the relatively low value (less than \$250,000) quotations were sought from four of our larger Water Services approved contractors. Two contractors returned quotes. However, after clarifications and discussions with the lowest tendered they decided to withdraw their quote. The tender evaluation method was lowest price conforming.

Tenders Received and Evaluated

Tenderer	Price (Excl GST)	Conforming
Broadspectrum	\$234,621.20	Yes
The Watertight Company	\$224,505.65	Withdrawn
Engineer's Estimate	\$200,000	

Financial

Earlier this year \$1.5M was brought forward to undertake the Whareora Road Raw Water Main project. The Contract value for that work is \$1,126,00.00. Therefore, \$370,000 has been allocated to the Poroti project. The pipework cost is \$95,000 leaving \$275,000 for the installation.

Chief Executive Approval

The contract for Wairua Raw Water Connection Installation (CON20030) be awarded to Broadspectrum for the tendered sum of \$234,621.20 (Two Hundred and Thirty Four Thousand Six Hundred and Twenty One Dollars and Twenty Cents) excluding GST.

3.0 Roothing

<p style="text-align: center;">CON2002 Professional Service for Investigation and Design of Road Rehabilitation and Seal Extension Projects</p>

Introduction

CON20002 a professional services contract for the investigation and design of several sealed road rehabilitation projects both in the Far North and Whangarei District, and a number of seal extension projects in the Whangarei District (total physical works budget \$4.6m).

Whangarei District Council

Rehabilitations	Seal Extensions
Maunu Road	Tahunatapu Road Seal Extension (Provisional)
Rewa Rewa Road	Attwood Road Seal Extension (Provisional)
	Nook Road Seal Extension (Provisional)
	Brooks Road Seal Extension (Provisional)
	Massey Road Seal Extension (Provisional)

Seal extension are provisional as most of these projects are still going through community consultation and council approval. However, to avoid separate procurement of professional service for design and investigation these sites have been included as provisional projects.

Rehabilitations	Seal Extensions
Waimatenui/Mataraua	Nil

Contract management, administration, and monitoring, supervision and quality assurance (MSQA) are provisional and may be included at the Client's discretion.

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 accordance with the New Zealand Transport Agency Procurement Manual (September 2019).

The tender evaluation team (TET) consisted of the following members:

Rachael Mannion	(NTA Procurement and Project Manager & TET Lead)
Shakhin Sharma	(Renewals Lead - Northland Transportation Alliance)
Curt Martin	(Censeo Consulting Limited)

Tenders Received and Evaluated

The tenders were opened at 3:45pm on 11th March 2020 with submissions from the following suppliers:

- Stantec New Zealand (Stantec)
- WSP New Zealand Limited (WSP)

When reviewing the tenders it was noted that WSP misinterpreted the requirements and submitted a tender on the basis that they were not required to provide Lump Sum prices for 'In-situ pavement testing' and 'Reactivity testing' for the remainder projects, and only submitted Lump Sum prices to provide project management and coordination of the agreed pavement design testing for all the projects (i.e. essentially a Price tag).

To ensure parity, the TET agreed that Stantec's tendered price would be adjusted by the difference between the sum of its prices tendered relating to pavement testing for each project (i.e. as required by the RFT) and the sum of WSP's prices tendered relating to pavement testing for each project (i.e. project management and coordination of the agreed pavement design testing for all the projects as tagged).

This assessed price difference was \$107,689.70 which was added to the SQP of \$275,068.76 resulting in a final price adjustment of \$382,758.46, thus the reason for a high SQP for Stantec.

Tenderer	Price (Excl GST)	Less all Scheduled Fixed Amounts	Supplier Quality Premium	Adjusted Tender Price (Excl GST)
Stantec New Zealand (Stantec)	\$794,406.00	\$704,406.00	\$382,758.46	\$321,647,55
WSP New Zealand Limited (WSP)	\$779,062.00	\$689,062.00	Nil	\$689,062.00
Engineer's Estimate	\$724,530			

Financial

Approved budget in the LTP and AP allow for this work to be undertaken and cover the costs for undertaking this works:

WDC - Sealed Road Pavement Rehabilitation (y3):	\$4,296,000.00
WDC - Seal Extensions (y2):	\$3,150,000.00

Chief Executive Approval

The contract Professional Service for Investigation and Design of Road Rehabilitation and Seal Extension Projects (CON20002) be awarded to Stantec New Zealand for the tendered sum of \$794,406.00 (Seven hundred ninety-four thousand four hundred and six dollars) excluding GST.

5.2 Infrastructure Operational Report – June 2020

Meeting: Infrastructure Committee
Date of meeting: 11 June 2020
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 April-May 2020.

3.1 COVID-19 Consideration

The impacts of COVID-19 on this decision have been considered. There are no impacts expected.

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 – April 2020

Infrastructure Group

Monthly Operational Report

April 2020

Infrastructure Monthly Operational Report

Reporting Officer: Simon Weston (General Manager Infrastructure)

Date: June 2020

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Projects Overview

Projects deferred due to COVID-19 lockdown. Projects also listed by Departments below.	Current Stage	Completion was	Estimated date now	RAG Status
Ball Clock (3rd party project)	Final drawings	Aug-20	May-21	
Construction will coordinate with playground renewal project. Ball clock team advise installation will be in 2021.				
Complete Streets Masterplan – Whangarei City	Professional Services	Apr-20	Jun-20	
Presentation held with council. Focus now on next steps and priority projects for Long Term Plan.				
Tamaterau Carparks Upgrade (TIF funded)	Design & Consenting	Aug-20	Oct-20	
Design complete, archaeological application in progress, consent processing. Hapu engagement continuing.				
Princes Road Seawall Renewal	Consenting	Jul-20	Aug-20	
Design complete. NRC consent granted. WDC tree removal consent to be applied for.				
Ruakaka Sports Fields (Sand Removal)	Consenting	Jun-20	Jul-20	
Sand dune removal required before sports field construction. Consent has been lodged.				
Otaika Sports Park Field Construction	Construction Stg 2	Apr-20	May-20	
Construction complete, turf is establishing for winter 2020 season. Final sand application delayed by COVID-19.				
Ngunguru Youth Activity Zone & Drainage	Construction	Apr-20	Jun-20	
Drainage of sports fields completed. Construction of youth zone skatepark underway, delayed by COVID-19.				
Parihaka War Memorial Refurbishment	Construction	Apr-20	Jun-20	
Restoration of monument complete. Electrical connection and metering to finish, delayed by COVID-19.				
Town Basin Playground Renewal	Tender Evaluation	Sep-20	Oct-20	
Physical works awarded to Robinson Asphalts Ltd. Start delayed by COVID-19, until after school holidays.				
Town Basin Wharf & Boardwalk Renewals	Investigation	Jul-20	Oct-20	
Seawall requires repair. Wharf in poor condition. Options for replacement berths being considered				
Hatea River Track Renewal	Construction	Apr-20	May-20	
Construction underway. Due date extended due to COVID19.				
Frank Holman Track Renewal	Consenting	Jun-20	Nov-20	
Consent application in progress. A COVID delay as the arborist has been unable to visit the site.				
Whau Valley Water Treatment Plant	Construction	Nov-20	Jun-21	
Constructing above ground structures. Commissioning planned Autumn 21 (delayed by COVID-19 and drought).				
Ruakaka WTP Clarifier Upgrade	Construction	Jun-20	Sep-20	
First scraper complete. Second scraper works delayed due to COVID-19 and drought.				
Kioreroa Rd Sewer Rising Main Replacement	Construction	Jun-20	Jul-20	
Start delayed due COVID-19. Pipes to be delivered on site on 1 st June				
Tarewa Rd/SH1 Sewer Crossing Stage 2	Construction (NZTA)	Apr-20	Jun-20	
All pipes and the manhole were installed. Only the flow control penstock is yet to be installed inside the manhole.				
Smeaton Dr/SH1 Sewer Renewal	Construction	Jun-20	Jul-20	
Replacing 150mm sewer line under SH1– start date to be confirmed following COVID-19.				
Meter Replacement Contract 2019/20	Construction	Apr-20	Jun-20	
Delayed due to COVID-19 but should still get completed				
Minor Projects - Emergency Works	Construction	Jun-20	Sep-20	
Works at Ruddells WTP awarded but delayed by COVID-19				
LED Street Lighting – Supply & Install (V Category)	Construction	Dec-21	Jun-22	
Construction of retrofit almost complete. Southern infill contract awarded. Northern infill contract being retendered. All streetlight installation has been delayed by the COVID-19 lockdown.				
Safety Package (Vinegar Hill Rd & Whg. Heads Rd)	Complete	Mar-20	May-20	
Construction almost complete, minor finishing works underway				
Maunu/Porowini Intersection Improvements	Construction	Apr-19	Jun-20	
CON18047 Existing bridge defects repaired & COVID-19 Shutdown – significant associated cost increase				
KSP Stage 5 (Final link to Kamo Village)	Detailed Costings	Apr-20	July-20	
PR020003 Funding for detailed design complete. Construction detailed costings in progress.				
Inner CBD Transport Model	Optioneering	Mar-20	May-20	
Modelling of future traffic flows has been completed. Final report being prepared.				

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	Aug-20	Jun-21	
Detailed design complete. Physical works planned to start Aug 2020 to align with HAC timing.				
Ball Clock (3rd party project)	Final drawings	Aug-20	May-21	
Construction will coordinate with playground renewal project. Ball clock team advise installation will be in 2021.				
Camera Obscura (3rd party project)	Construction	Oct-19	Aug-20	
Construction commenced November 2019. Landscaping will be done by council Jul/Aug 2020.				
Town Basin Bus Facilities Upgrade	Design	Oct-20	Jun-21	
Engaging consultants to progress design of selected concept. Survey work delayed by COVID-19.				
Pohe Island Destination Playground & Public Toilets	Design	Nov-20	Mar-21	
Detailed design progressing. Playground equipment procured. Earthworks & services installation 19/20.				
Pohe Island Skate Park	Construction	May-20	Dec-20	
Physical works tender has been awarded to Steve Bowling Contracting Ltd. Start delayed by COVID-19.				
Complete Streets Masterplan – Whangarei City	Professional Services	n/a	Jun-20	
Presentation held with council. Focus now on next steps and priority projects for Long Term Plan.				
Tamaterau Carparks Upgrade (TIF funded)	Design & Consenting	Jul-20	Oct-20	
Design complete, archaeological application in progress, consent processing. Hapu engagement continuing.				
Restoring the Mauri of Matapouri Stg 1 (TIF funded)	Investigation & Design	Oct-19	Nov-20	
Recycling & rubbish facilities installed. Community consultation held Feb/Apr. Investigating toilet options.				
Abbey Caves Car Park & Public Toilets (TIF funded)	Project Planning	Apr-20	Mar-21	
Concept design and planning assessment underway.				
Major Projects - Parks & Recreation				
Matapouri Beach Restoration	Procurement	Apr-21	Jul-21	
Consent granted. Moving sand planned for Apr-Jul 2021. Sand survey and marker posts to be completed.				
Sandy Bay Erosion Protection	Consenting	TBC	TBC	
Waiting for DOC approval and resource consent before further consultation. Hapu meeting held Nov.				
Princes Road Seawall Renewal	Consenting	Jun-20	Aug-20	
Design complete. NRC consent granted. WDC tree removal consent to be applied for.				
Ruakaka Sports Fields (Sand Removal)	Consenting	May-20	Jul-20	
Sand dune removal required before sports field construction. Consent has been lodged.				
Otaika Sports Park Field Construction	Construction Stg 2	Nov-18	May-20	
Construction complete, turf is establishing for winter 2020 season. Final sand application delayed by COVID-19.				
Ngunguru Seawall Renewal	Consenting	TBC	TBC	
NRC have advised decision on resource consent – reclamation has been declined. Considering next steps.				
Ngunguru Youth Activity Zone & Drainage	Construction	Oct-19	Jun-20	
Drainage of sports fields completed. Construction of youth zone skatepark underway, delayed by COVID-19.				
Parihaka War Memorial Refurbishment	Construction	Sep-19	Jun-20	
Restoration of monument complete. Electrical connection and metering to finish, delayed by COVID-19.				
Hikurangi & Hukerenui Sports Field Drainage	Complete	Oct-19	Dec-19	
Construction of both fields is complete. Good grass growth, some maintenance required for sports season.				
Parua Bay Sports Field Drainage	Complete	Oct-19	Dec-19	
Construction is complete. Good grass growth, some maintenance required for sports season.				
Town Basin Playground Renewal	Tender Evaluation	Jul-20	Oct-20	
Physical works awarded to Robinson Asphalts Ltd. Start delayed by COVID-19, until after school holidays.				
Town Basin Wharf & Boardwalk Renewals	Investigation	Jul-20	Oct-20	
Seawall requires repair. Wharf in poor condition. Options for replacement berths being considered.				
Town Basin Lighting Renewals	Design	Apr-20	Jun-20	

Geotech investigations complete, foundation design underway, tender documentation being prepared.				
Tikipunga – Sports field Improvements	Construction	Nov-19	May-21	
Under construction. Field 1 complete. Remaining works on field 10, lighting installation and grass establishment.				
Pyle Road West Seawall Renewal	Design	Sep-20	Feb-21	
Design work complete. NRC and WDC consents submitted.				
Waipu Youth Activity Zone	Site planning	TBC	TBC	
Project scoping work under way. Construction budgeted for 20/21 year. Responding to community feedback.				
Cobham Oval Carpark Upgrade	Detailed Design	Jul-20	Oct-20	
LTP project brought forward. Detailed design in progress.				
Hatea River Track Renewal	Construction	Mar-20	May-20	
Construction underway. Due date extended due to COVID19.				
Frank Holman Track Renewal	Consenting	Sept-20	Nov-20	
Consent application in progress. A COVID delay as the arborist has been unable to visit the site.				
Major Projects - Water				
Whau Valley Water Treatment Plant	Construction	Mar-19	Jun-21	
Constructing above ground structures. Commissioning planned Autumn 21 (delayed by COVID-19 and drought).				
Ruakaka WTP Clarifier Upgrade	Construction	Mar-19	Sep-20	
First scraper complete. Second scraper works delayed due to COVID-19 and drought.				
Major Projects - Waste & Drainage				
Whangarei WWTP Discharge Consent Renewal	Technical Reports	n/a	Apr-21	
An independent consultant is working on providing a Best Practicable Options report. W&D providing information.				
Stormwater Network Consent Applications	Technical Reports	n/a	Dec-20	
Stormwater Catchment Strategic Assessment underway. Data gathering, asset updates & mapping continue.				
Major Projects – Compliance & Regulatory				
New Animal Shelter	Design	Jul-20	Dec-20	
Detailed design underway				
Major Projects – Venues & Events				
NEC Lighting Upgrade	Design-Build	Nov-20	May-21	
Resource Consent lodged 9 March 2020. S92 questions being responded to. Foundation design being finalised				

Waste and Drainage

Waste and Drainage Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Ruakaka pond reconfiguration	Tender evaluation	May-20	Jul-20	
Tender evaluation and pre-letting work are underway.				
Kioreroa Rd Sewer Rising Main Replacement	Construction	Apr-20	Jul-20	
Start delayed due COVID-19. Pipes to be delivered on site on 1 st June				
Hikurangi Sewer Rehabilitation Stage 2	Complete	Feb-19	Mar-20	
Construction was completed in March 2020.				
Tarewa Rd/SH1 Sewer Crossing Stage 2	Construction (NZTA)	Mar-19	Jun-20	
All pipes and the manhole were installed. Only the flow control penstock is yet to be installed inside the manhole.				
Hatea River Sewer Crossing	Construction	Mar-20	Jun-20	
Delayed due to Covid-19. Testing completed. Tie-in to the existing line is planned to be completed early June.				
Smeaton Dr/SH1 Sewer Renewal	Construction	May-20	Jul-20	
Replacing 150mm sewer line under SH1– start date to be confirmed following COVID-19.				

Water Services

Water Services Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Water Treatment Plant Upgrades	Construction	Sep-19	Jun-21	
Various works generally on target.				
Meter Replacement Contract 2019/20	Construction	Sep-19	Jun-20	
Delayed due to COVID-19 but should still get completed				
Reticulation Programmed Works 2018/19	Construction	Oct-19	Jun-20	
Work on Morningside Road Complete, Hospital Road underway - Delayed due to COVID-19				
Minor Projects - Emergency Works	Construction	May-20	Sep-20	
Works at Ruddells WTP awarded but delayed by COVID-19				
SCADA Upgrade	Construction	May-19	Dec-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	Jun-22	
Construction of retrofit almost complete. Southern infill contract awarded. Northern infill contract being retendered. All streetlight installation has been delayed by the COVID-19 lockdown.				
Safety Package (Vinegar Hill Rd & Whg. Heads Rd)	Complete	Sep-19	May-20	
Construction almost complete, minor finishing works underway				
Maunu/Porowini Intersection Improvements	Construction	Jun-19	Jun-20	
CON18047 Existing bridge defects repaired & COVID-19 Shutdown – significant associated cost increase				
KSP Stage 5 (Final link to Kamo Village)	Detailed Costings	Apr-20	July-20	
PR020003 Funding for detailed design complete. Construction detailed costings in progress.				
Inner CBD Transport Model	Optioneering	n/a	May-20	
Modelling of future traffic flows has been completed. Final report being prepared.				
Traffic Calming 19-20				
Works in Kensington (Wallace and Dinniss St) complete, Works in Otangarei currently underway				

Infrastructure Planning & Capital Works

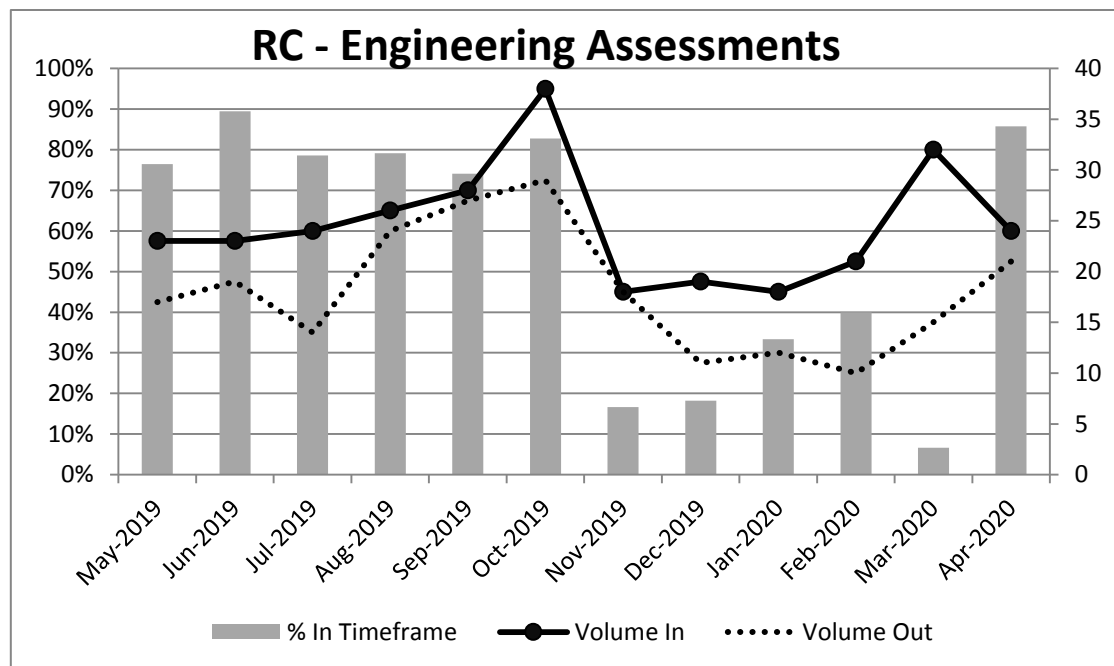
Infrastructure Planning

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. 3 out of the 5 appeal points have been resolved via mediation. The appeal regarding the activity status of water takes has not been resolved with court dates set for August. This is now deferred due to the COVID-19 response.

Work underway to progress the Resource Consent for the Whangarei Wastewater Treatment Plant including review of nutrient removal requirements and consultation planning.

Infrastructure Development

Development Engineering



The total number of applications received by the Resource Consents department was 32. The number of applications received in April for Engineering assessment were 24, 21 reports were issued and 9 placed on hold for further information. The 24 applications received for engineering input is higher than the 5-year average of 19.

The 8-day level of service for engineering report delivery was 86% in April, a significant improvement from 7% in March. Reliance on external consultants has dropped significantly as we aim to process most applications inhouse. The Development Engineers were able to produce more reports inhouse during the lockdown period due to fewer requests for inspections, we expect the number of inspections to increase as construction works pick up.

Applications received in April included several 2-8 Lots subdivisions in the Rural areas, a Graze café in Maunu, repairs to a seawall along Pyle Road, the addition of 45 retirement units in the Anchorage Retirement Village and the establishment of a Waste Recovery Centre in Pataua South.

Engineering plans are being assessed for The Summerset Retirement Village in Denby, 69 Lots at 115 Three Mile Bush Road and 91 Lots for Rock Solid Holdings Stage 8, Balmacewan Drive Tikipunga. We are also currently assessing Stages 4 and 5 of the WFH – The Landing Development in One Tree Point. We receive input from Geotechnical and Stormwater experts as part of the Engineering Plan review process due to some sites being subject to high instability risk and flooding hazard areas. Internal staff don't have the expertise to assess these more complex sites. Our internal staff received basic training on Geotechnical Engineering over the lockdown period via Skype.

Infrastructure Support

In April 2020, 54 claims were processed down slightly from April 2019 when 58 claims were processed.

The team has operated well working from home due to lockdown for COVID-19. Still experiencing challenges with processing POs on the new system but things seem to be settling down in this area.

Health and Safety

Accidents & Incidents Reported in April 2020

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	Contractors	Volunteers	Public incidents	Public incidents (not in workplaces)	Totals this month	Running Total 2019-2020	Running total 2019 – March end 2020	Totals 2018-19	Totals 2017-18	Totals 2016-17
Prohibition Notice							0	0	1	0	1
Fatality							1	1	2	0	0
WorkSafe Notifiable Event							3	3	2	0	2
Lost Time Injury							15	15	11	9	8
Medical Treatment Injury							18	18	34	51	40
Occupational Health Exposure							4	4	3	1	5
Minor injury		1				1	27	26	93	108	119
Discomfort and Pain	1					1	41	40	31	40	36
Breach of rule incidents		1				1	6	5	8	12	0
Incident/Near Miss		5				5	183	178	189	204	189
Totals	1	7	0	0	0	8	298	290	365	425	400

Table 1 – Incidents and running totals, April 2020. Note: figures accurate to 18/5/2020.

Waste and Drainage

Operations and Maintenance

Whangarei WWTP

During the first two weeks of April, the daily flow to the plant fluctuated at around 10,000 m³. It dropped to its lowest point on 4th at 8,800 m³. There was only 10.6 mm of rain during this period which was only one fifth of the rainfall in the same period last year. A gradual increase in the trend of the flow was witnessed from 17th to 23rd. An important rain event with total rainfall of 18.4 mm boosted wastewater inflow to the plant to its peak on 18 April which was over 13,000 m³. The flow, then, decreased progressively from 24th to end of the month. In summary, this April has been one of the driest months on record, going back 10-years in records, reflecting very low flow to Whangarei wastewater treatment plant. Level 3 water restrictions were implemented during lockdown in April 2020.

Activities carried out at the main plant during April included:

- PLC clock was changed to "daylight savings off".
- Slew ring was replaced for secondary clarifier no 2. Spare rings were ordered from Australia.
- Boiler No 1 was serviced. Turbulators were serviced. Replacements were ordered.
- Issues with a defective polymer premix tank solenoid caused blockages to control ports. All the internal parts were replaced. The operations team continue to monitor the performance.
- A new junction box and connection were fitted to the control for the main front gate.
- Boiler 2 was commissioned following valve upgrade and combustion control. Innovate pressure main cleared, pump was reinstalled correctly.
- The mounting bolts to the primary clarifier 3 blower motor were replaced.

Whangarei WWTP Resource Consent Renewal project

During lockdown, WDC sought fee proposals from consultants to manage the main plant resource consent renewal. One consultant was appointed to provide the following scope of work regarding the consent strategy and frame work:

1. Review the current plant operating process - The Best Practical Option (stage 1) shall include the following analysis:
 - Study the current plant process;

- Review the current process with operation team,
 - Review the future projected wastewater flows to the plant
 - Propose options
 - WDC will shortlist the available technology to be continue into stage 2
2. A nutrient balance model will provide a better understanding of the influence of the Whangarei Wastewater Treatment Plant (WWTP) on the upper harbour:
- Consolidating Northland Regional Council's water quality, level and flow data for routine monitoring locations in the Hātea River as well as data from compliance monitoring and WWTP discharge quality and flow.
 - Developing inputs and mass balance model in Goldsim (dynamic simulation software)
 - Calculation of relative nutrient loads under 4 discharge scenarios, covering the existing range of operational conditions.
 - This nutrient balance input would allow us to understand the harbour nutrient conditions with respect to the proposed water quality criteria, provide the need for further nutrient removal and implications for consenting
3. Consent renewal strategy
- Review the current consent strategy
 - Review of additional legislation and research into upcoming legislative changes, including:
 - ✓ Marine and Coastal Area (Takutai Moana) Act 2011.
 - ✓ National Policy Statement for Freshwater Management 2017.
 - ✓ Proposed National Environmental Standard for wastewater discharges and overflows.
 - ✓ Three waters review and establishment of Three Waters Watch Dog entity (Taumata Arowai).
 - Compile a risk assessment with focus on the implication of the legislative changes and timing of the changes on the reconsenting of the WWTP.

Rural WWTP Major Operation & Maintenance

Ruakaka:

- DOC issued a revised Condition 3 which stated that on site monitoring is no longer a requirement as flow data is supplied digitally. WDC to issue quarterly reports to Independent monitors – this includes both NRC and Patuharakeke.
- The pond reconfiguration contract was awarded. WDC has issued a Notice to Contractor allowing them to order pipe material. After lockdown ends, the site shall be handed over to them.
- Two surface aerators arrived from Europe which shall be installed after the pond reconfiguration has been completed.
- The irrigation inlet bund gap was widened in preparation for the pond reconfiguration; to be done in May after lockdown ends

Ngunguru:

- The UV system was serviced. One lamp and sleeve was damaged; this was replaced.
- Ngunguru aerator serviced including oil change - 3L data added to maintenance programme;
- Padlocks was installed to MABR electrical cabinet to stop unauthorized access;
- Contractor updated operation team that the membrane is to arrive last week of May.

Hikurangi:

- The team also sought assistance from an independent consultant regarding how to deal with membrane failure and complying with resource consent requirement. After lockdown ends the team will work to find the best practical option to resolve the issue.
- RTU power supply plug was replaced;

Reticulation

There were no recorded spill incidents in April 2020.

Solid Waste Operations

Government advice about Covid Level 3 restrictions means that rubbish and recycling transfer stations were able to reopen to the public. Kerbside services continued as usual throughout the month apart from glass not being sorted by colour on the kerbside. The recycling is still taking place in Auckland. Messages about waste minimisation have been promoted but the amount of waste being put out for collection has risen and therefore the recycling rate for kerbside waste has dropped to 31%. This is due to the transfer stations being shut and more people spending more time at home. Prices received for paper and card are still low as the market demand is very weak at the moment.

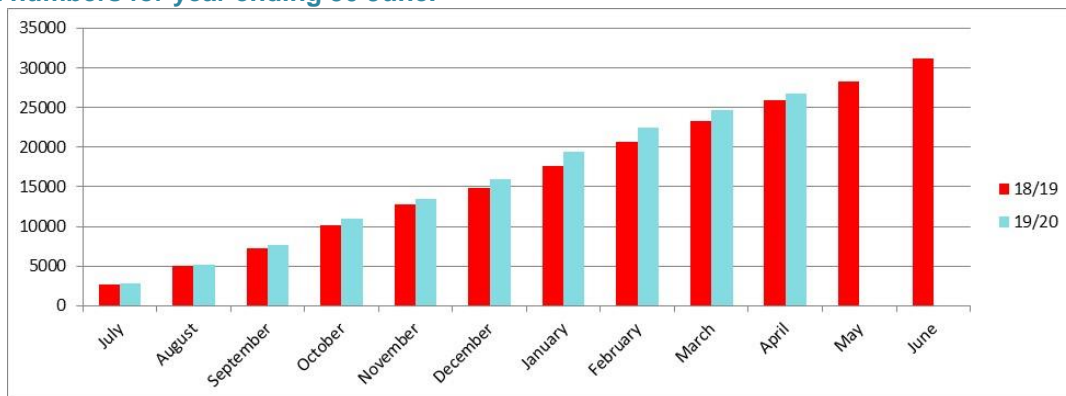
The contractor Northland Waste has done well to maintain staff moral and deliver service without much disruption despite the Covid restrictions. Residents have seen little change to the service provided.

Laboratory Report

For April 2020 490 samples were analysed for 2021 tests. 23.5 % of the tests were subcontracted and 36% of results were reported within 5 working days. Collectively this represents an 3 % increase on testing performed when compared with the same periods last year.

As expected, April experienced a downturn in samples received due to Covid-19 and lockdown. The laboratory split the team into 2 sections to ensure lab services were able to be continued. Those who were able to work from home did so and team members whose roles were more hands on kept the functions of sampling and testing operating.

Graph: Test numbers for year ending 30 June.



Roading - Transportation

Maintenance Contracts

North Area

Ordered works completed this month are as follows:

- Due to the level 4 lockdown the range of tasks for that we could complete safely during April was minimal with us only focusing on urgent dispatches, watertabling, sign replacements and edgebreaks.
- Moving to Level 3 as we regain staffing numbers and build our program, we plan on introducing the additional operations of culvert digger clears and heavy metal overlays.

Routine works completed this month include:

- Although the country was in a level 4 lockdown during the entire month of April, a consistently high level of service was maintained.
- Not to say that we haven't faced our share of Covid-19 related challenges this month, with the necessary increase of hygiene protocols slowing operations, restrictions around passengers in vehicles and some workers being categorized as high risk. However, there was a positive from the lockdown, as with less vehicles on the road we have noticed an increase in efficiency.

South Area

Ordered works completed this month were as follows:

- Mill Road kerb & channel and footpath works currently being undertaken by an external contractor.

- Mangapai Road construction nearing completion. Pavement stabilisation and surfacing seal is completed as well as road marking. Some road furniture as well as some cleaning up and finishing works outstanding. These are currently being attended to.
- West Wood Lane construction has commenced. Drainage works, culvert extensions and replacement underway as well as widening for road re-alignment. Works have recommenced after lockdown L4 was lifted. Pavement and surfacing works might stand over to next season.
- Limeburners Road design was approved, but Council has given instruction that all rehabilitation works that have not yet commenced, need to stand over until next season.
- April – 11.9kms of chipseal sites not completed for the 19/20 season due to COVID-19 lockdown. These should now roll forward into the 20/21 season.
- Asphalt Mill Road/Kamo Rd intersection in the Regent and Waipu Township still programmed to be done in June at this stage. Corks/Station/Gillingham Rd intersection not completed in the 19/20 season, should roll forward into the 20/21 season.
- Line marking of car parks have been completed, continuing on with marking of AC patches where required, carrying out CRM's as & when required.
- Removing damaged backing blocks and replacing.
- Clearing culvert ends and water tabling.
- Culvert flushing – McGill Rd, Graham Rd, Mangapai Caves Rd, Panekaira Rd.
- Watertabling unsealed roads – Ormandy Rd, Codlin Rd.
- Catchpit repair on Bank St.
- Continuing to monitor the slip at Manuka Place.
- Installing new parking meter cradles.
- Installing new Parking signs.
- Installing parking stickers.
- Cameron St – re-level pavers.
- Maunu Rd – Lay temp AC footpath by pedestrian crossing.
- Crack sealing – Dent St, James St, John St, Lower Dent St, Robert St, Rose St, Farmer St, Awaroa River Rd, Mill Rd, McEwan Rd, One Tree Point Rd, Memorial Drive, Riverside Dr, Okara Dr, Port Rd, Portland Rd, Mill Rd, Ormiston Rd, Prescott Rd, Cullen Rd, Glenmohr Rd, Lang Rd.
- Old Parua Bay Rd – investigate tomo in seal.
- Mountfield Rd – repaired dropout on edge of road.

Routine works completed this month include:

- The drought continued during April, but our crews have been out and about and busy doing CRM's and sealed potholes, edge breaks, trip hazards, grates, rail barriers, bridge maintenance, etc.
- Maintenance grading only, due to water restrictions.
- Temporary pavement repairs – Maungakarama Rd, Omana Rd, Tangihua Rd, Tauraroa Rd, Mountfield Rd, Doctors Hill Rd, Paparoa Rd, Waiotira Rd, Mangapai Rd, Dent St, Helmsdale Rd, Shoemaker Rd, South Rd, Glenmohr Rd, Rosythe Rd, Springfield Rd, Cemetery Rd, Pukeatua Rd,
- Channel hand clearing.
- Clearing footpath and walkway vegetation.
- Cyclic Sweeping High Leaf Fall started 06/04/20 and will run for 8 weeks.

Projects

Low Cost Low Risk Projects (Minor Safety)

Major Intersections (Capacity):

- Porowini Avenue/Maunu Road intersection improvements – Physical Works contract awarded to United Civil. Possession of site June 2019. Cracks found in existing bridge abutments and defective existing bridge pile have

been repaired and have impacted programme/ costs. Covid19 restrictions have further impacted programme/costs. Asphalt pavement and surfacing work to recommence 25 May prior to completion in June 2020.

- Maunu Road/Central Avenue intersection improvements – Concept design complete and property negotiations progressing. Construction deferred until funding is available.

High Risk Rural Roads:

- The NTA is developing a number of Standard Safety Intervention applications for key High Risk Rural Roads and intersections, an SSI application is a simplified Single Stage Business Case (SSBC). The first draft (submitted to NZTA for feedback) was 10 routes across northland. Work has started on the remaining eligible routes.

Whangarei routes in the first 10;

- Vinegar Hill Rd
 - Whangarei Heads Rd
 - Pautaua South Rd
 - Ngunguru Road
- Murphy's Bend
 - Immediate – Slippery When Wet signs and water-cutting road surface – complete
 - Short Term – active warning curve sign – design and implement (19/20)
 - Medium Term – Curve superelevation improvements – design and implement (20/21)
 - Long Term (realignment) – Single Stage Business Case (SSBC) for realignment options including potential west-bound slow vehicle bay. Delivery (2021-24) will be a 'major' project outside LCLR.
- Vinegar Hill Rd – Guardrails, curve realignment near Riversong Rd and delineation improvements – almost complete, minor finishing works underway
- Fisherman's Point (Whangarei Heads Rd)
 - Short Term – survey and review curve shape and surface drainage (2019-20)
 - Long Term – reshape curve and surfacing (2020-21)
- Whangarei Heads Rd / Pepi Rd intersection guardrail – complete
- Cove Rd Culvert Extension (Waipu Cycleway Stage 2a) – Construction phase deferred to 20/21.

High Risk Intersections (Safety):

- Kamo Rd / Kensington Ave Intersection – working on implementing camera identification of right-turning vehicles to improve safety (2019-20). Implementation has been delayed due to difficulty obtaining the equipment and getting on Site during the lockdown.
- Corks Rd / Gillingham Intersection safety improvements - guardrail installation completed 18-19. Chorus quotation received for telecom services relocation has made the project unfeasible. Thus, intermediary widening works have been now cancelled and will now form part of a future major intersection efficiency project. Funding will now be used for delineation improvements at this intersection and other safety projects.
- Mill Rd / Whareora Rd Intersection – guardrail. Design complete, Implement 2021-24
- Whangarei Heads Road – Standard Safety Interventions (SSI), installation of EMP's underway, RRMP later in 19/20, curve advisor signage 20/21 and other major implement 2021-24.

Pedestrian facilities:

- Hikurangi Township – zebra crossing and school access safety improvements and speed management. Currently working with consultants on design options however physical works may only commence in June and carry on through July due to lockdown and availability of materials and resources.
- Whangarei Heads Rd – upgrade pedestrian crossing to a School Kea Crossing (2019-20), school and Council agree interim solution, to be implemented post Lockdown. We will continue to work with MoE on the final solution, to suit their new school layout.
- Cross St (outside Whangarei Primary School) – detail design completed, physical works deferred to 20-21 due to COVID lockdown and resource consent process still underway

School zones:

- Ngunguru School (2020-21).

Slow Streets:

- Kensington Area – includes traffic islands, signs and markings in Dinniss Ave and Wallace St – completed in Feb
- Otangarei – includes speed platforms in Jack St; and traffic islands, signs and markings in other Otangarei streets - construction underway
- Avenues; First, Second and Third Avenue between Kauika Rd and Central Ave (2019-21) – detailed design underway

Speed Management:

Tranche 1

- Formal Consultation is complete, including Hearings for Tranche 1. Staff are preparing a recommendations report for elected member consideration, with an aim to adopt and implement changes in 2020-21. Tranche;
 - Te Toiroa Rd (Legal Unformed Road) Ngunguru, which forms part of the Old Ngunguru Coach Trail.
 - Vinegar Hill area
 - One Tree Point / Marsden / Ruakaka area
 - Waipu area
- For Tranche 2 we will focus on Whangarei Heads, the Statement of Proposal will be presented to Council in mid-2020 to enable consultation in mid-late 2020.
- Tranche 3 will be in mid-late 2020 or early 2021. We will review the Tutukaka Coast (Ngunguru Rd & Russell Rd) and Bream Bay (Cove Rd). These two areas will be reviewed concurrently with Kaipara and Far North to ensure a seamless and coherent approach to both consultation and delivery of speed management.

Walking and Cycling (Urban):

- Kamo Shared Path was formally opened on 25 November 2019. Funding for the detailed design of Stage 5 has been provisionally approved, and funding for the construction will be requested once a detailed cost estimate is available. Stage 5 includes the final link to Kamo Village either past Kamo High School or via Farmer Street or both. Construction may be fast tracked if economic recovery funding approved.
- Raumanga / Maunu Shared Path – We will develop in 20-21 a SSBC for the Raumanga-Maunu Shared Path which will include the missing sections of the Raumanga path and an extension to Maunu. The SSBC will look at various options for how to connect Maunu to Whangarei. Our primary focus for 2021-24 will be the missing sections of the existing route and improvements to the existing sections (lighting, CCTV, CPTED, planting, seats, etc). The outcome will be a safe, coherent route from our Civic Centre (end of Kamo Shared Path) to North Tec and surrounding suburbs.
- 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 6-12 months we will produce a SSBC to capture the essential aspects of these workstreams into a single programme of work which we can seek Council and NZTA funding for over the next ~5 years.
- 10yr Implementation Plan – to bring together the City Core Plan works, our Walking & Cycling Strategy and Blue Green Network Strategies, we will develop a 10 year plan, which will complement these high level strategies, with more detail and prioritisation of sections. This will take 6-12 months, but will inform our next LTP.

NZTA Northland Integrated Cycle Network (tourism)

- 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 now investigating a few low-cost low-risk options to seek co-funding on.
- 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.
- The Waipu Trail is a piece of this wider network.

Waipu Walk & Cycle Trust

- Stage 2a Cullen Rd to Waipu Cove – Physical works has started, this involves some associated road works to be completed by Council.
- Stage 2b McLean Rd to Cullen Rd – The trust is going to apply for a consent to Whangarei and Regional Council for the trail to follow the estuary. The outcome of this consent will determine which route we implement; follow the estuary or Cove Rd. Noting the estuary option will be cheaper, safer and a better experience, however it may have adverse environmental impacts which need to be consider and mitigated (if possible).
- Stage 3 Riverview Place to Cullen Rd – the outcome of the consent for Stage 2b will also determine this route.

New Footpaths

- Paranui Valley Rd - Stage 1 works are complete, balance Stage 2 currently under design to be completed May 2020. Construction deferred to 21/22.
- Mackesy Road and Konini Street - deferred due to lockdown and availability of resources.
- One Tree Point Rd – detailed design underway
- Pipiwai Rd (near sports grounds). Drainage awarded and construction by end of June 2020 path works
- Halifax to Town Centre (Waipu) – construction almost completed pre-lockdown, minor finishing works currently underway
- Albert St (Woods Rd to Clyde St) – works deferred until land ownership is resolved between Council and LINZ

Footpath Renewals

- Kaka Street construction almost completed.
- Remainder of 19/20 renewals programme awarded to United Civil Construction with construction in May and June 2020.

LED Street Light Conversion

- The installation of the V-Category (arterial road) retrofit lights (ie swapping the old light for new LED) being undertaken by Currie Electrical is well underway and is 95% complete. The remaining lights will be completed in May and June following the lifting of the Covid-19 lockdown to Level 3.
- The Southern V-Category infill streetlight contract (ie those requiring new poles) was awarded to Currie Electrical on 16 March 2020. This contract includes new streetlights in the southern half of the Whangarei District and all of the new lights in the Kaipara District. This work was temporarily suspended due to the Level 4 Covid-19 lockdown. Now that the lockdown has been lifted to Level 3, the WDC work will recommence in May and will be completed by December 2020.
- The Northern V-Category infill streetlight contract has been re-tendered and tenders are currently being evaluated. This contract includes new streetlights in the northern half of the Whangarei District and all of the new lights in the Far North District. This work is expected to start in June and has an extended completion timeframe of June 2022 due to budget constraints.
- We are currently investigating both Auckland Transport's central management system (CMS) and other "Smart Cities"-type CMS to control the new LED streetlights. Again due to budget constraints, a trial may be done in 2020/21 to confirm whether a CMS system should be rolled out over the network in the 2021/24 period.

Inner CBD Transport Model

- The preferred packages for both the short and long term have been confirmed following modelling of future traffic flows (for the year 2043). The final modelling report is being prepared and should be completed in May.

April 2020 Whangarei District Road Safety Promotions Report not available at this time.

Parks and Recreation

Operations

Walking Tracks

Throughout the COVID-19 lockdown, the walking track network was kept open to allow local people to get fresh air and exercise. Our contractors responded to any issues reported but these were minimal. The kauri dieback hygiene stations sited around Parihaka and AH Reed needed to be refilled and maintained.

Plans are being made to extend the Hatea Walkway north of Whangarei Falls through Tikipunga Sports Park and on to Vinegar Hill Road. Trees need to be crown lifted and crossings made to enable walkers to access this important next section of this route. Additionally, it is planned to clear an existing route from Tikipunga Sports Park to Balmoral Road, something that Tikipunga Pride community group have been requesting for some time. These will be maintained as part of our Walking Track Maintenance Contract going forward.

Tree Maintenance

COVID-19 and the associated lockdown had a significant effect on Treescapes programme of works for the month of April. Only emergency works during Level 4 (broken limbs and power line related issues) with a full-time team returning at Level 3. With continued dry weather and firm ground conditions they were able to complete tree maintenance at the Boswell Reserve and then start the removal of 34 totara at Hora Hora sports park in preparation for the installation of new lighting.

A total of 17 CRMs were closed off during the month, with no reported Health and Safety issues.

Coastal Structures

22 inspections were completed in April during the level 3 lockdown. Inspections focused mostly on the South district area i.e. Waipu, Ruakaka, and One Tree Point.

Several CRM's were received relating to slippery boat ramps. Usual practice is to waterblast however due to the drought a tractor broom was used to scrub the ramps.

Sports Parks

Whilst Sports Parks weren't physically closed during COVID-19 Level 4, they remained unmaintained and used only in a passive way. With the onset of Level 3, our contractors were under considerable pressure to restore the turf and transition the fields for winter sport. This includes line marking, erecting goal posts, under-sowing with rye grass. Resources were used from the Parks and Gardens team to help with getting the grass levels down initially.

Discussion between the sports codes are underway to establish how winter codes will function and what effect, if any, this may have on the timing of summer codes if the season gets extended. There is very positive dialogue coordinated by Sport Northland taking place. Prior to commencing community sport all codes will need to provide Council an assurance they can meet Government COVID-19 guidelines.

Parks and Gardens

Due to Level 4 COVID-19 restrictions the contractor spent most of April unable to work. During this time the contractor only carried out litter collection around the Town Basin / Hatea Loop area and H&S reactive work.

Level 3 came into effect with 3 work days left in April, in which the contractor started catching up.

In the time Level 4 was in effect, all of our sites got out of specification, with long grass everywhere and weedy gardens. Our assets weren't maintained and became dirtier than normal.

Playgrounds and Skate Parks

During April, the playgrounds were closed. During this time the contractor had to deal with reactive H&S issues, mainly replacing closed signs and tape.

The new McLeod Bay playground was completed at the end of April under Level 3 restrictions, ready to be opened when Level 2 starts. The Morningside Park playground renewal has been delayed until after the lockdown and will start in early June.

Cemetery

A very quiet month with only 4 burials.

Under alert Level 3 we were able to return to work and start on the mammoth task of restoring the grounds to normal. We achieved this by using a slasher on the back of a tractor to cut the worst of the grass, then removed that cut grass so we could mow. The aim was to reduce the strain on our mowers, so they didn't break down when we needed them.

most. This approach worked well with the help of four venues and events staff who were able to assist. Another big help was we did not get any rain the first week, meaning the grass was dry and easier to manage.

We were able to tidy up all our cemeteries in about three weeks, and we are back to normal maintenance now.



Work has continued the new Cemetery office with 65 Cemetery Road being removed and the sections cleared. We are now waiting on the design work to be finalised so we can tender the work.

Botanica

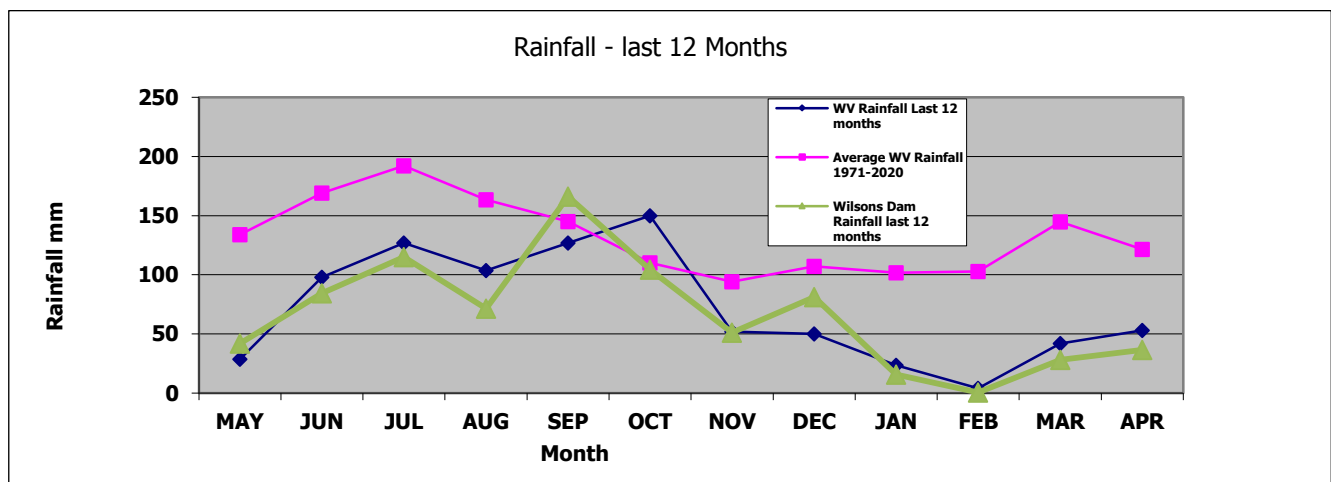
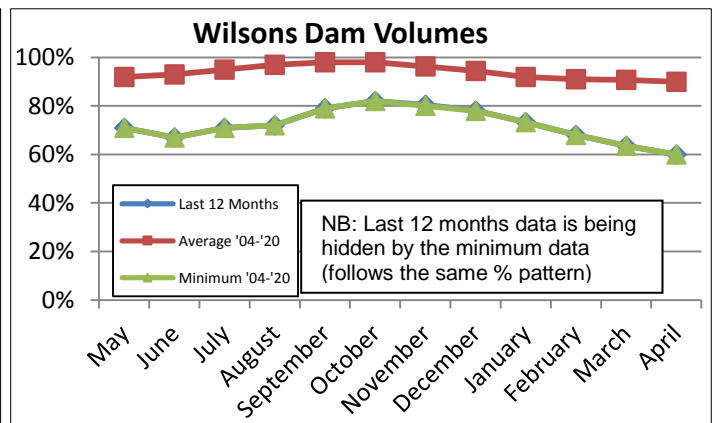
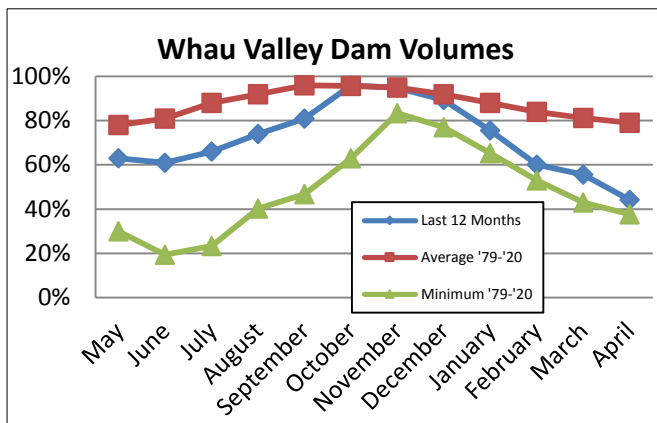
The staff at Botanica were very happy to be able to return under Level 3 restriction. With the watering system we put in place before lockdown, there were minimal casualties to the plants. Work has begun on the new heating system, with the old system being removed in preparation for the new system. This will enable to keep the conservatory plants thriving over the coming winter months.

Water Services

Operations

Rainfall and Water Sources

Only 53mm of rain was recorded at Whau Valley Dam during April. This is less than half of the normal April rainfall of 121mm and continues the record start to the year with only 123mm of rain so far. Apart from October, every month since the start of 2019 has had below average rainfall. Our dams are finally beginning to show the effects of the extended dry weather. Whau Valley Dam has dropped to 44% (Currently, as at end of May 58%), the lowest April level for over 30 years. Wilsons Dam is just under 60%, the lowest level since it was constructed in 2003. Level 3 restrictions, banning the use of hose pipes and sprinkler systems, came into effect on 16th April. This along with a cooling of the temperatures and small amounts of rain has helped to reduce consumption by nearly 25% compared to the February peak. We are still operating under a water shortage direction for the Hatea River, issued by the NRC, which allows us to take water below our normal continuation flow. However, whilst a little rain can temporarily increase river flows it does little for the aquifers and dams. Long sustained rainfall is needed with over 1,000mm required before summer. The long-range weather forecast is for below average rainfall over the next three months, so things are not looking promising. Water Services are installing a new pipeline from the Hatea River. This will allow us to take our full allocation and effectively stop taking water use from the dam when the flows are up and demand is low. We are also installing a connection to the Wairua River via the Maungatapere Water Company pipeline. This will allow us to access the Wairua River in an emergency. We are also considering emergency treatment options whilst at the same time planning for the Poroti Treatment Plant upgrade.



Production Report

Compliance

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

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

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

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

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

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

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

We did get an exceedance for disinfection by products during the month in both the Hikurangi and Bream Bay zones. This could be due to the very low water levels in rivers and dams, it could also be related to the way some of the samples are taken. Water Services are working with the drinking water assessors and the laboratories to try and find out what is causing discrepancies with some of the results. An exceedance for disinfection by products is not a critical non-compliance and staff are working to try and reduce the occurrences. At both the new Whau Valley water treatment plant and the Ruakaka treatment plant, activated carbon filters are being installed to reduce these types of instances.

In March Water Services received an infringement notice from the Regional Council when the flows in the Ruakaka River dipped below the low-level limit for several hours. The issue was immediately resolved once staff had been notified. To prevent a re-occurrence staff have been working with NRC to get automated access to their river flow data so that future 'low flows' will alarm directly on Water Services SCADA system.

Other works

The algal bloom at Wilsons Dam continues and staff are trialling dosing a natural nutrient to try and reduce the bloom. A resource consent has been obtained from the NRC for this and trials started at the end of March. It is expected to be a month or two before preliminary results are available. If the trials are successful a full-scale facility may be constructed at the site. Staff have replaced the filter media in one of the filters at the Ruakaka water treatment plant to better combat the organics in the dam water. This was successful and a further filter is planned for later in the year.

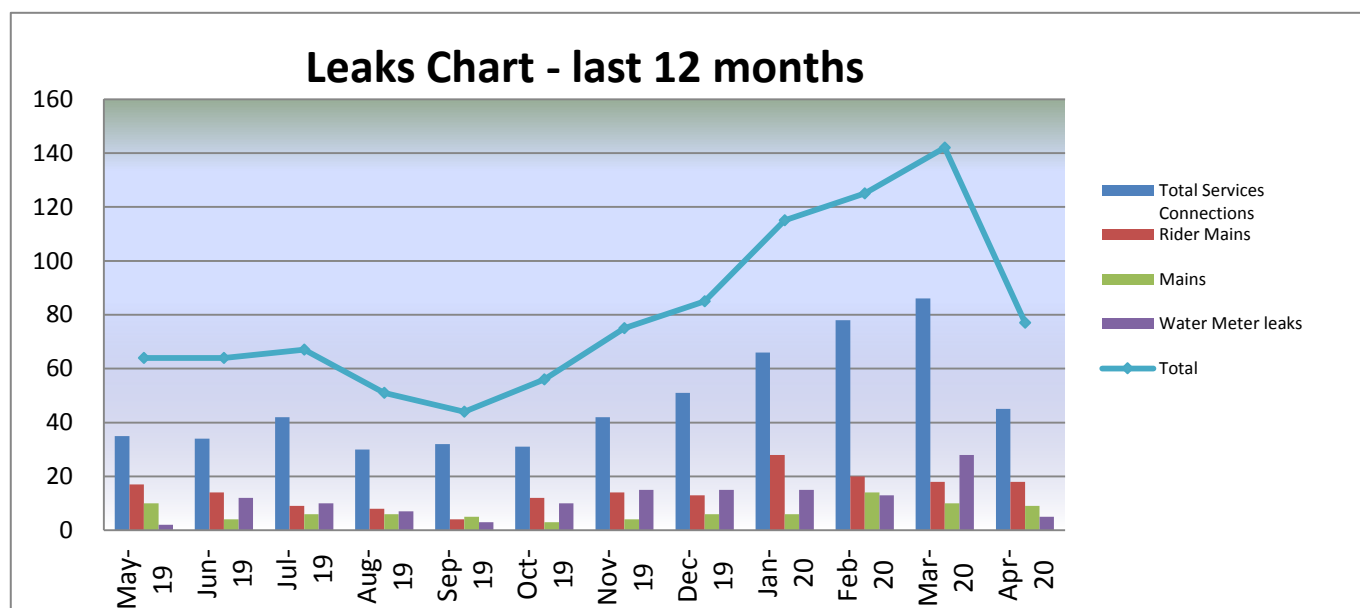
Distribution Report

Water Statistics

50	Connection leaks repaired
28	Rider/Main leaks repaired
8	New connections installed
17	Faulty meters replaced

A total of 50 service connection leaks were repaired together with 27 main and rider main leaks. The number of leaks dropped sharply mainly as a result of the contractor having previously fixed all the leaks found by the leak detection contractor. The total number is still above the same time last year. A total of 8 new water connections were installed during the month and 17 meters were replaced after being reported faulty by the meter reader.

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



Capital Works

Water Meter Replacement

This year's meter replacement contract was advertised and closed in late August. The contract was awarded to Downer Ltd and work started at the end of September. It is hoped to be able to replace approximately 1000 meters this year. To date 813 meters have been replaced although the contract was stopped due to the lockdown.

Reticulation Programmed Works

The Hospital Road main was underway before the lockdown occurred. A contract for the replacement of the Hatea raw water main has also been awarded and this is a priority renewal given the current drought. As the same contractor has won both contracts there may be a need to prioritise resources to get the Hatea River raw water main finished as soon as possible. However, due to the lockdown both projects were put on hold.

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	36	0	100%	100%	Pass
Free Available Chlorine within distribution (above 0.2mg/l)	70	0	100%	95%	N/A

A single coliform was sampled at the airport in early April. This is not a non-compliance but probably an indication of the lack of use during the lockdown. The system was flushed and re-tests all passed.

RESOLUTION TO EXCLUDE THE PUBLIC

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

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

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

Resolution to allow members of the public to remain

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

Move/Second

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

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

Note:

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