

Infrastructure Committee Agenda

Date: 10 June, 2021

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. Confirmation of Minutes of Previous Infrastructure Committee Meeting	
3.1. Minutes Infrastructure Committee Meeting held 13 May 2021	3
4. Decision Reports	
4.1. Petition for the Sealing of Beasley Rd, Pataua South	7
4.2. Petition for the Sealing of Jobe Rd, Maungakaramaea	13
5. Information Reports	
5.1. Contracts Approved Under Delegated Authority - June 2021	17
5.2. Infrastructure Operational Report - June 2021	21
6. Public Excluded Business	
6.1. Confidential Minutes Infrastructure Committee Meeting held 13 May 2021	
7. Closure of Meeting	

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, 13 May, 2021
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 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

Scribe N. Pestana (Team leader, Democracy)

1. Declarations of Interest

There were no declarations of interest made.

2. Apology

Cr Simon Reid (late arrival).

Moved By Cr Vince Cocurullo

Seconded By Cr Ken Couper

That the apology be sustained.

Carried

3. Confirmation of Minutes of Previous Infrastructure Committee Meeting

3.1 Minutes Infrastructure Committee meeting held 8 April 2021

Moved By Cr Gavin Benney

Seconded By Cr Vince Cocurullo

That the minutes of the Infrastructure Committee meeting held on Thursday 8 April 2021, having been circulated, be taken as read and now confirmed and adopted as a true and correct record of proceedings of that meeting.

Carried

Cr Reid joined the meeting at 9.16am following Item 3.1.

4. Decision Reports

4.1 Ngunguru Old Coach Trail – Te Toiroa Paper Road

Moved By Cr Greg Martin

Seconded By Cr Shelley Deeming

That the Infrastructure Committee

1. Supports the continued use of Te Toiroa Road as a shared path for vehicles and walking and cycling users.

Carried

Cr Connop requested his vote against be recorded.

5. Information Reports

5.1 Contracts Approved Under Delegated Authority

Moved By Cr Shelley Deeming

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 Roding Efficiency Group WDC Roding Report 2019-20

Moved By Cr Anna Murphy

Seconded By Cr Greg Innes

That the Infrastructure Committee notes the Roding Efficiency Group WDC Roding Report for 2019-20.

Carried

5.3 Waka Kotahi Technical Audit Report of WDC

Moved By Cr Ken Couper

Seconded By Cr Tricia Cutforth

That the Committee notes the findings of the Waka Kotahi NZTA Technical Audit of the WDC Road Network.

Carried

Cr Peters left the meeting at 9.49am and rejoined the meeting at 9.51am during discussions on Item 5.3.

5.4 Infrastructure Operational Report

Moved By Cr Simon Reid

Seconded By Cr Vince Cocurullo

That the Infrastructure Committee notes the Infrastructure Operational Report update.

Carried

Cr Cutforth left the meeting at 10.01am and rejoined the meeting at 10.04am during discussions on Item 5.4.

6. Public Excluded Business

Moved By Cr Vince Cocurullo

Seconded By Cr Greg Innes

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	Property Purchase	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
1.1	To enable Council to carry on without prejudice or disadvantage commercial activities.	Section 7(2)(h)
	To enable Council to carry on without prejudice or disadvantage negotiations (including commercial and industrial negotiations).	Section 7(2)(i)

Carried

7. Closure of Meeting

The meeting concluded at 10.27am.

Confirmed this 10th day of June 2021

Councillor Greg Martin (Chairperson)

4.1 Petition for the sealing of Beazley Rd, Patau South.

Meeting: Infrastructure Committee
Date of meeting: 10 June 2021
Reporting officer: Jeff Devine (Planning & Strategy Manager, NTA)

1 Purpose

To present a petition requesting that seal extension be undertaken on Beazley Road, Patau South.

2 Recommendations

That the Infrastructure Committee:

1. Receives the petition requesting that seal extension be undertaken and instructs staff to:
 - a. Advise the petition organiser that the request will be considered as part of the 2021/24 Ratepayer Seal Extension Programme.

3 Background

This petition (Attachment 1) has been received from residents of Beasley Rd, Patau South, who are requesting seal extension be undertaken on a 1.5km length of Beasley Rd.

4 Discussion

It is Council policy that petitions that are received by Council regarding Roding 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 2021/31 Long Term Plan deliberations Council has indicated \$55Million of funding for undertaking seal extension projects on Council unsealed roads over the next 10 years, of which \$9.4M is to be spent during the 2021/24 period.

All roads requested to be included on the seal extension programme are currently being reviewed and included within the prioritisation Matrix for consideration by the Committee.

It is intended to develop a 3-year programme for approval to match the 3-year available funding.

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 Beasley Rd, Pataua South

Petition for the Sealing of Beasley Road

10 May 2021

Page 1 of 3

Target: To seal 1.5kilometres of Beasley Road, ending at the "Council Maintenance Ends Here" signage, located at the gate beside the stock yards.

1. Safety and Health Concerns on unsealed Beasley Road

Beasley Road is 1.5km long and carved into the side of a hill with a clay base and many blind corners. On the northern side there is a mix of large drop offs (up to about 100m) or pine trees. Road cones are warning of 2 potential hazards and have been there for quite some time.

2. There are 18 properties on Beasley Road

3. Many of the residents would like to see Beasley Road sealed in the earliest timeframe please

4. WDC to consider the following concerns: -

When dry,

- Very bad corrugation which causes vehicles to often drive on the wrong side of the road, on blind corners
- Health hazard of dust to homes close to the road.
- There have been five accidents that we know of, where people have gone off the road. The latest a young person who admitted losing control on the gravel and previously one car rolled. They may not have been reported to police.

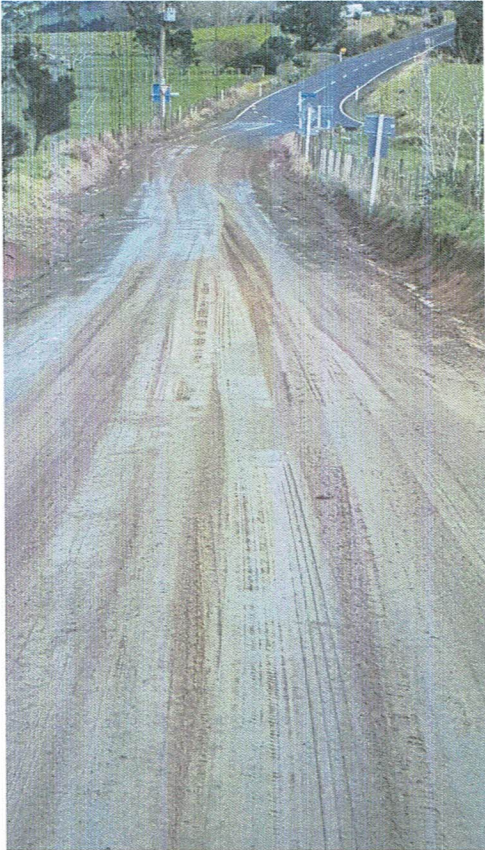
• When Wet,

- Exposed clay is very slippery when wet, including driving at 30kph
- A spring under the road is accentuated after heavy rain, and the clay becomes very soft and deep wheel tracks are formed. The road is dangerously slippery here.
- Heavy rain causes gravel run off, exposes clay base and beginning of new drains on roadway
- About 6 months a year, there is a horrible stench of rotting water where gravel blocks seawater water flowing back out to the estuary (past property # 149)
- Gravel fills the water table and causes blockages to culverts and therefore road flooding (these on occasion have been cleared out by Fulton Hogan)
- Gravel when added is off the road usually in about 5 days, caused by cars throwing it to the side, exposing clay base, or the grader grades some metal to side of the road and into drains. It also causes gravel build up and have caused issues for cars when passing or going wide on the road.
- Gravel filling drains which lead directly to Taiharuru Estuary
- A small lot of pine trees on the northern side of the road, does not allow the sun to dry the road especially in winter.

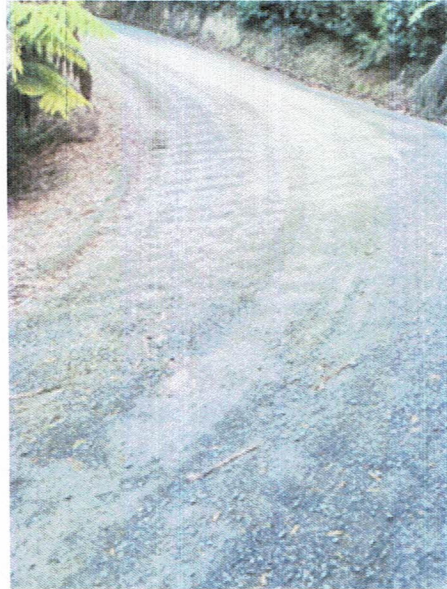
Tourists and other

- Beasley Road has recognized bed and breakfast accommodation which services tourists; - international, national and local including daily teas.
- Beasley Road is on the world recognized Te Araroa - New Zealand's Trail (Cape Reinga to Bluff) which recognizes international, national and local tourists.
- Unsealed roads devalues property (proven).
- Vehicles devalue faster on unsealed roads, and tyres are replaced more frequently though consistent driving to and from metal roads on to main sealed roads
- Potholes, often and many

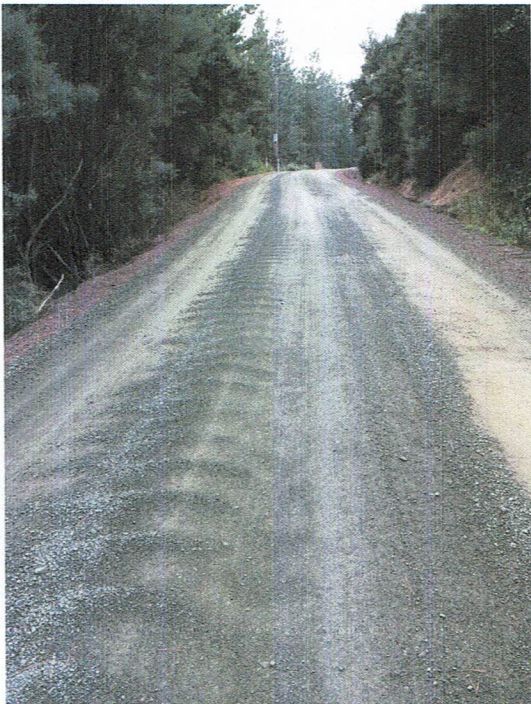
Below: Taken FEB 2021 The below has since had some gravel, however when it rains again the road will go back to this



Below: Corner with corrugation. Cars drive on the right side going up



Taken 10 May 21 at 9.30am. Bad corrugation and slippery.



Below: Gravel in the drain leading to estuary and water can not fully drain. Therefore, stagnant water causes huge stench during the year



page 3 of 3

Petition for the Sealing of Beasley Road

#	Name	Address	Phone # &/or email	Signature
1		16 Beasley Road		
2	Joanna Hylke	27 Beasley Road	admin@raisingthebar.co.nz	JH
3		28 Beasley Road		
4	Adam Willelts	58 Beasley Road	barrierwhanau@gmail.com	AWillelts
5	Muzz Edwards	60 Beasley Road	muzzedwards@gmail.com	MEdwards
6	Petra Rempe	72 Beasley Road	detleu@rempe1@gmail.com	PR
7	ALISTAIR McRAE	76 Beasley Road	maccan@extra.co.nz	AMcRae
8	DAVID Colley	78 Beasley Road	09 436 1874 david@dcolley@gmail.com	DColley
9	CHAS Moller	80 Beasley Road	chasnmiller@extra.co.nz	CMoller
10		109 Beasley Road		
11	Mark Bertie	122 Beasley Road	0277488	MBertie
12	Hugh & Ros Cole-Baker	146 Beasley Road	09 436 1959	H & R Cole-Baker
13	Olivia Smith	149 Beasley Road	021415034	OSmith
14	Carol Belcher	151 Beasley Road	02102231348	CBelcher
15	Tim & Nikki PEERS	153 Beasley Road	021979505	NPeers
16		155 Beasley Road		
17		157 Beasley Road		
18	Kathy & Bob Corry	159 Beasley Road	0273928152	K & B Corry

4.2 Petition for the Sealing of Jobe Rd, Maungakaramaea

Meeting: Infrastructure Committee
Date of meeting: 10 June 2021
Reporting officer: Jeff Devine (Planning & Strategy Manager, NTA)

1 Purpose

To present a petition requesting that seal extension be undertaken on Jobe Rd, Maungakaramaea.

2 Recommendations

That the Infrastructure Committee;

1. Receives the petition requesting that seal extension be undertake on Jobe Road and instructs staff to:
 - a. Advise the petition organiser that the request will be considered as part of the 2021/24 Ratepayer Seal Extension Programme.

3 Background

This petition (Attachment 1) has been received from residents of Jobe Rd, Maungakaramaea, who are requesting seal extension be undertaken on the 2.8km length of Beasley 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 2021/31 Long Term Plan deliberations Council has indicated \$55Million of funding for undertaking seal extension projects on Council unsealed roads over the next 10 years, of which \$9.4M is to be spent during the 2021/24 period.

All roads requested to be included on the seal extension programme are currently being reviewed and included within the prioritisation Matrix for consideration by the Committee.

It is intended to develop a 3-year programme for approval to match the 3-year available funding.

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 Jobe Rd, Maungakaramea

The Member for Bream Bay Ward,
 Shelley Deeming,
 c/o Whangarei District Council Roding
 Private Bag
 Whangarei.

19/4/21

Dear Shelley,

RECEIVED - CUSTOMER SERVICES

19 APR 2021

WHANGAREI
 DISTRICT COUNCIL

On behalf of the residents and ratepayers of Jobe Road, R D 8, Maungakarama we request that you present this submission to the Council on our behalf, for consent to get Jobe Road sealed. We have 24 of the 26 affected parties' signatures requesting a ratepayer subsidy to contribute to the cost of the said sealing as per your sealing policy.

We have a long history of dust nuisance and various ratepayers, including my late father C M Finlayson have approached the Council in the past to get the road sealed. There are now 26 residents up our road and the dust is more than a nuisance, it is a health hazard. We have children that get asthma and allergies from it and our tank water is contaminated and the air is polluted.

We would be grateful if our application is considered in you upcoming June meeting and very much look forward to your decision.

Kind Regards,




Maree Thomsen and Lloyd Harris.

On behalf of the residents of Jobe Road, Maungakarama.

PETITION TO WHANGAREI DISTRICT COUNCIL

Date: 23/3/21

To: The member for Bream Bay Ward

Shelley Deeming,
Whangarei District Council,
Private Bag,
Whangarei.

RECEIVED - CUSTOMER SERVICES

19 APR 2021

WHANGAREI
DISTRICT COUNCIL

From: Cushla Anderson

Property No. 11

Dear Shelley,

Re: Tar Sealing of Council maintained Jobe Road Puwera valley Whangarei.

I, the above named, am a resident rate payer of the aforementioned public road. This is a no exit road approximately 12 kilometres south from Whangarei. The road is approximately 2.8 kilometres in length and is currently a metalled road.

I would encourage the Council to include this road in its tar sealing program as soon as possible.

I would be prepared to offer my ratepayer subsidy, as appropriate for the tar sealing project, to be applied to my rates for the following 5 years. Please present this to council for roading works.

Signed:



Total 24 letters reviewed

5.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 10 June 2021
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. Roding	
CON19051	Whangarei Heads Road Culvert No. 563 Replacement
CON19049	Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102 Upgrade

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 June 2021

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 Roothing

CON19051

Whangarei Heads Road Culvert No. 563 Replacement

Purpose

Approval is sought to increase the original contract price from \$199,636.00 to \$228,636.00 excluding GST for the subject contract.

Background

This contract is for Whangarei Heads Road Culvert No. 563, to replace an existing culvert on Whangarei Heads Road with a precast concrete box structure and associated works to ensure a continual level of service to users. It was awarded to Donovan Enterprise Ltd. The original contract amount was \$199,636.00 excluding GST.

Financial

A breakdown of the additional costs is provided in the following table:

Item	Variation	Amount (excl. GST)
1.	Unforeseen additional works	\$29,000.00

The additional works were to identify, protect and temporarily relocate an additional watermain found during construction of the new box culvert. This included removal and reinstatement of additional footpath and to fill and bury the remains of an old culvert structure found on the edge of the site excavation.

The additional watermain was not identified on the WDC Water services plan provided at the time of tender and additional works were required to protect this pipe and keep it functioning throughout the construction of the new box culvert. These works included supply and utilisation of trusses to support the pipeline during the construction period.

A breakdown of cost for the whole contract is provided in the following table:

Description	Amount (excl. GST)
Original contract value (excl. contingency)	\$199,636.00
Contingency	-
Total original contract value	\$199,636.00
Total amount of variations	\$29,000.00
Total revised contract value	\$228,636.00

Group Manager Approval

It is recommended that the total contract amount of CON19051 Whangarei Heads Road Culvert No. 563 Replacement is increased by \$29,000.00 from \$199,636.00 to \$228,636.00 (Two hundred and twenty eight thousand, six hundred and thirty six dollars and zero cents) excluding GST.

CON19049

Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102 Upgrade

Purpose

Approval is sought to increase the original contract price from \$158,818.00 to \$170,818.00 excluding GST for the subject contract.

Background

This contract is for Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102, to undertake heavy maintenance of the bridge's piers by jacketing of the selected piles to ensure a continual level of service to users. It was awarded to Asset Construction Ltd. The original contract amount was \$158,818.00 excluding GST.

Financial

A breakdown of the additional costs is provided in the following table:

<i>Item</i>	<i>Variation</i>	<i>Amount (excl. GST)</i>
1.	Unforeseen additional works	\$12,000.00

The additional works were to supply and install galvanised reinforcing mesh within the circumference of the pile jackets that are being constructed on three bridge piles at Marsden Point Rd bridge No 102. The jackets were installed to prevent further deterioration of reinforced concrete within the tidal zone,

Additional reinforcement within the jackets is required to compensate for the unforeseen section loss on reinforcement in the piles found during the construction works. The loss is due to corrosion mainly initiated by chlorides ingress in the concrete. The extent of corrosion was not visible during ordinary inspections therefore was not expected at the time of tendering.

A breakdown of cost for the whole contract is provided in the following table:

<i>Description</i>	<i>Amount (excl. GST)</i>
Original contract value (excl. contingency)	\$158,818.00
Contingency	-
Total original contract value	\$158,818.00
Total amount of variations	\$12,000.00
Total revised contract value	\$170,818.00

Group Manager Approval

It is recommended that the total contract amount of CON19049 Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102 Upgrade is increased by \$12,000.00 from \$158,818.00 to \$170,818.00 (One hundred and seventy thousand, eight hundred and eighteen dollars and zero cents) excluding GST.

5.2 Infrastructure Operational Report

Meeting: Infrastructure Committee
Date of meeting: 10 June 2021
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 2021.

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 2021

Infrastructure Group

Monthly Operational Report

April 2021

Infrastructure Monthly Operational Report

Reporting Officer: Simon Weston (General Manager Infrastructure)

Date: June 2021

<i>Contents</i>	<i>Page Number</i>
Projects Overview_____	<u>3</u>
Infrastructure Development_____	<u>7</u>
Health and Safety_____	<u>9</u>
Waste and Drainage_____	<u>12</u>
Roading - Transportation_____	<u>19</u>
Parks, Recreation and Solid Waste_____	<u>26</u>
Water Services_____	<u>30</u>

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	Construction	Oct-20	Dec-3	
Amphitheatre is completed. Water feature, hard landscaping, lighting and toilets are being progressed.				
Town Basin Wharf & Boardwalk Renewals	Construction	Jan-21	Oct-21	
Piling and seawall complete, beams underway. Retaining walls, stairs, steel and timber structure to follow.				
Ball Clock (3rd party project)	Construction	Aug-20	Jun-21	
Off-site fabrication nearing completion.				
Town Basin Bus Facilities Upgrade	Design	Jun-21	Sep-22	
Landscape design 75%, CCTV of stormwater lines and roading reviews ongoing. Clapham's concepts developing.				
Pohe Island Destination Playground & Public Toilets	Construction	May-21	Feb-22	
Construction awarded to United Civil Construction. Some earthworks to be completed while weather still dry.				
Pohe Island Master Services Installation	Construction	May-21	Aug-21	
Construction awarded to United Civil Construction. Rising main installation to begin 3 May.				
Tamaterau Carparks Upgrade (TIF funded)	Design & Consenting	Oct-21	Jan-22	
Cultural impact assessment received. Discussions with hapū on next the steps have begun.				
Restoring the Mauri of Matapōuri Stg 1 (TIF funded)	Investigation & Design	Oct-19	Nov-21	
Recycling & rubbish facilities installed. Investigating toilet options. Dune protection at estuary complete.				
Abbey Caves Car Park & Public Toilets (TIF funded)	Construction	Mar-21	Jun-21	
Construction commenced in March 2021, due for completion end of May.				
Quarry Gardens Carparks (TIF Funded)	Investigation & Design	Aug-21	May-22	
CIA due end April for the consent application. Stream repairs from August, carpark construction during summer.				
Major Projects - Parks & Recreation				
Matapōuri Beach Restoration	Physical Works	Apr-21	Oct-21	
Contract awarded to United Civil. Work scheduled to start in May.				
Princes Road Seawall Renewal	Physical works	Apr-21	Jul-21	
Contract awarded to Huband Contractors. Work scheduled to start in April.				
Ruakākā Sports Fields (Sand Removal)	Physical works	Sep-20	Aug-21	
57,000m ³ of sand removed. 27,000m ³ still to remove. Looking to continue the sand removal in June/ July.				
Ngunguru Seawall Renewal	Design	TBC	TBC	
Preliminary re-design prepared, discussion underway with Arborist regarding works under dripline.				
Town Basin Lighting Renewals	Construction	Apr-21	Jul-21	
Tender awarded to McKay's. Works started.				
Tikipunga – Sports Field Improvements	Practical Completion	Nov-19	Sep-21	
Field 10 handed over to WDC Parks. Project in defects liability period.				
Pyle Road West Seawall Renewal	Procurement	May-21	Jul-21	
Tender closed 20 th May. Evaluation being progressed.				
Waipu Youth Activity Zone - Skatepark	Design	Oct-21	Dec-21	
Tender closes mid-April. Construction will be scheduled after winter.				
Cobham Oval Carpark Upgrade	Construction	Oct-20	Jun-21	
Construction commenced October, completion due June 2021.				
Frank Holman Track Renewal	Consenting	Oct-21	Dec-21	
Consent application in progress.				

Major Projects - Water				
Whau Valley Water Treatment Plant	Construction	Mar-19	Oct-21	
Commissioning commenced in March, start operation to supply in May 2021.				
Major Projects - Waste & Drainage				
Whangarei WWTP Discharge Consent Renewal	Options Assessment	n/a	Aug-21	
Water quality monitoring (20-21) completed. Technical stakeholder meeting to be held in June. Progressing CIA.				
Stormwater Network Consent Applications	Technical Reports	n/a	Dec-22	
Stormwater Catchment Strategic Assessment underway. Data gathering, asset updates & mapping continue.				
Major Projects – Compliance & Regulatory				
New Animal Shelter	Design	Nov-21	Dec-22	
Cost Estimate received. Waiting outcome of LTP funding.				
Major Projects – Venues & Events				
NEC Replacement Roof	Concept Design	TBC	TBC	
A value engineering exercise has been undertaken. Waiting outcome of LTP funding.				

Three Waters Delivery Plan Projects (\$11.78m DIA Funded)

Three Waters Delivery Plan Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Whareora Rd Watermain Renewal	Complete	Nov-20	Apr-21	
Renewal of 800m PVC main. Nearly complete. Reinstatement works underway.				
Rewarewa Rd Watermain Renewal	Complete	Dec-20	Apr-21	
Renewal of 800m AC main. Complete.				
Kamo Rd Watermain Renewal	Construction	Apr-21	Jul-21	
Renewal of 900m AC main. Construction tender awarded.				
Kioreroa Rd Watermain Renewal - Design	Design	n/a	Sep-21	
Renewal of 2200m AC main. Brought forward to align with CIP/PGF funded roading upgrade project.				
Whau Valley Water Treatment Plant - Stage 2	Construction	Jan-21	Oct-21	
Variation awarded for stage 2. Construction started, due to complete October 21.				
Poroti Water Treatment Plant - Design	Design	n/a	Mar-22	
Design awarded to Beca. Design underway.				
Water Filling Points	Design	Feb-21	Mar-22	
One filling point completed. Ruakaka upgrade next. Other sites being investigated.				
Leak Detection – Water Supply Network	Investigation	n/a	Mar-22	
Work commenced. First sweep finished, second sweep due next summer. Leaks being fixed.				
Network Modelling – Water & Wastewater	Design	n/a	Mar-22	
Updates to water models, and the Whangarei and Bream Bay wastewater models. Awaiting final reports for WW.				
Asset Condition Assessments – WW and SW	Investigation	n/a	Mar-22	
A programme of CCTV pipe inspections to obtain asset condition information to inform renewal priorities. Ongoing.				
Asset Data Improvements – 3 Waters	Investigation	n/a	Mar-22	
Ongoing.				
Enhanced Water Testing at Laboratory	Design	Apr-21	Sep-21	
Order has been placed with Vendor.				
Hikurangi WWTP – Inlet Screen & Plant Upgrades	Design	Mar-21	Mar-22	
Screen due in June. Monitoring equipment to be installed in July. Data to be collected until Aug 21.				
Ngunguru WWTP – Inlet Screen	Initiation	Jan-21	Jul-22	
Civil work for the inlet screen complete. Screen due in July. Delay due to Suez Canal issue.				
Oakura WWTP – UV Upgrade	Completed	Jan-21	Feb-21	
UV upgrade completed.				
Ruakākā WWTP – Wetland Upgrade	Removed	Jul-21	Mar-22	

Removed from 3 waters programme and replaced with backup project.				
Whangarei WWTP Building Seismic Upgrade- Design	Investigation	n/a	Mar-22	
Initial work complete. Fee offer received from consultant to progress to feasibility and design work.				
Kauika Rd Wastewater Upgrade	Procurement	n/a	Mar-22	
Tender for construction has been advertised and closes 25 May 2021.				
Heretaunga St Wastewater Upgrade - Design	Investigation	n/a	Mar-22	
Investigation and design to address surcharge and overflow issues. CCTV of catchment to be arranged.				
Te Ao Māori Decision Making Model (CCAP)	Execution	n/a	Mar-22	
Project Execution Plan drafted. Te Karearea update scheduled for 19 May. Literature review commenced.				
Mātauranga Māori Report & GIS Capture	Execution	n/a	Mar-22	
Project Execution Plan drafted. Investigation work commenced.				
Three Waters Reform Options for Northland	Execution	n/a	Jun-21	
Investment Logic Mapping workshops held. Reports finalised for discussion with councillors.				
Three Waters Request for Information	Completed	n/a	Feb-21	
RFI is 100% complete including further information and Special Factors request.				

Waste and Drainage

Waste and Drainage Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
CON20055 - Whangarei Sewer Renewal 2019-2021	Construction	Feb-21	Jun-21	
Construction is underway.				
Heretaunga Catchment Sewer Upgrade Stage 1	Construction	Feb-21	Jun-21	
Construction is underway.				
Marsden Bay-Ruakaka WWTP Rising Main Upgrade	Design	Oct-21	Jun-22	
Design is underway. Construction to start after sand mining is completed as advised by the landowner.				
CON20061-Cove Rd-Waipu WWTP Rising Main	Construction	Apr-21	Jun-21	
Construction is 90% complete.				

Water Services

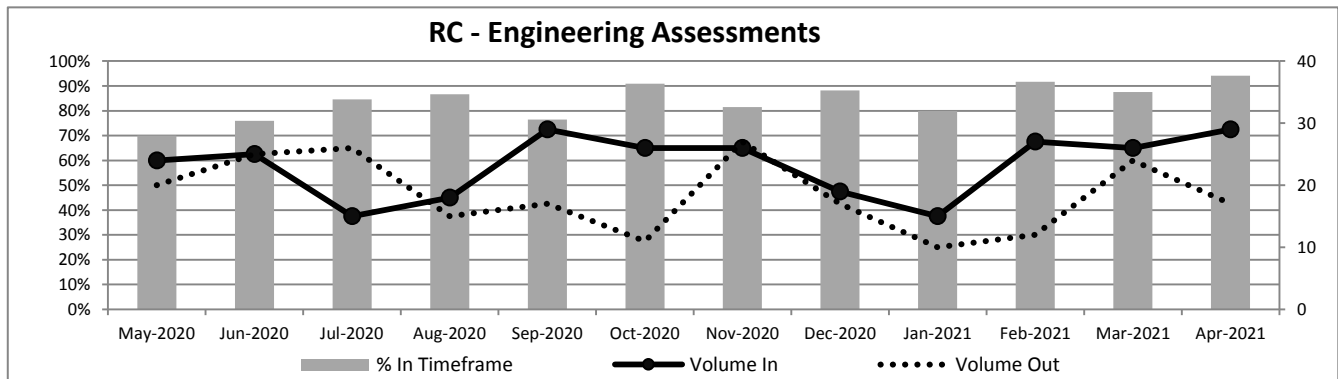
Water Services Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Water Treatment Plant Upgrades	Construction	Sep-20	Jun-21	
Various works, programme being developed.				
Meter Replacements	Design	Jan-21	Jun-21	
Focus on large and bulk meters, work started after delays developing programme.				
Reticulation Programmed Works	Construction	Jul-20	Jun-21	
Armstrong Ave is underway.				
Minor Projects - Emergency Works	Design	Jul-20	Jun-21	
Ruakaka Clarifiers complete, other works ongoing.				
SCADA Upgrade	Construction	May-19	Dec-21	
Ahuroa, Poroti, Maungakaramaea, Mangapai, Ruddells complete. Just Ruakaka and small sites left.				

Roading/ Transportation

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	
Southern infill contract – 99% completed. Northern infill contract nearly completed.				
KSP Stage 5 (Final link to Kamo Village)	Detailed Design	Feb-21	Jun-23	
Detailed design continuing				
Dent Street Pedestrian Crossing Upgrade	Design	Sep-21	Nov-21	
Design nearly completed. Construction to coincide with the New Town Basin Park project completion.				
Port / Kioreroa Intersection Upgrade	Design	May-21	Nov-22	
Detailed design of bridge complete, consultation is ongoing and tenders have closed.				
Raumanga Shared Path (CIP)	Design	Oct-21	Jun-23	
Preliminary design underway, including route confirmation.				
Tikipunga Cycle Trail Stage 2 (CIP)	Construction	Nov-20	May-21	
Path construction nearly complete, bridge fabrication underway.				
Kamo Shared Path – Kensington Avenue Link (CIP)	Detailed Design	May-21	Jun-21	
Under construction.				

Infrastructure Development

Development Engineering



New Applications

Development	Location	Size (Lots)
New drainage system at Whangarei Boys High	Kensington	1
Tikipunga Football Club Replacement Clubroom Building	Tikipunga	1
10 New Lots on Marsden Point Rd	OTP	10
12 New Lots on Whareora Rd	Whareora	12
New community centre	Ruakaka	1
Leasehold subdivision of Bunnings	Otaika	1
Amendment to SS Developments subdivision	Morningside	5

Engineering Plans

Development	Location	Size (Lots)
Workman Properties Stg 3	Avenues	8
Classic Builders Stage 1	Tikipunga	28
Workman Properties Stg 3, 4 & 5	Avenues	21
Northland District Health Board	Kamo	1
Marsden Cove - Stage 5E	OTP	9
Darch Point Rd	Whangarei Heads	6
7 Residential Lots	Maunu	7

Developments under construction

Development	Location	Size (Lots)
Puriri Park	Puriri Park Road	37
Bream Bay Village	One Tree Point	75
Nova Scotia	Waipu	18
Marsden Cove Ltd	Stace Hopper Drive, One tree Point	70
TMB Developments	Three Mile Bush Road	28
Rock Solid	Kamo	91
Totara Parklands – Stage 8	Tikipunga	52
Barrett Homes - Stage 3	Tikipunga	38
Parklands – Stage 2	Kamo	26
Summerset Retirement Village	Tikipunga	1
Jessie Trust	Tikipunga	98

WFH The Landing Stage 4	One Tree Point	56
Logyard Road	Port Road	9
SS Developments	Otaika	5

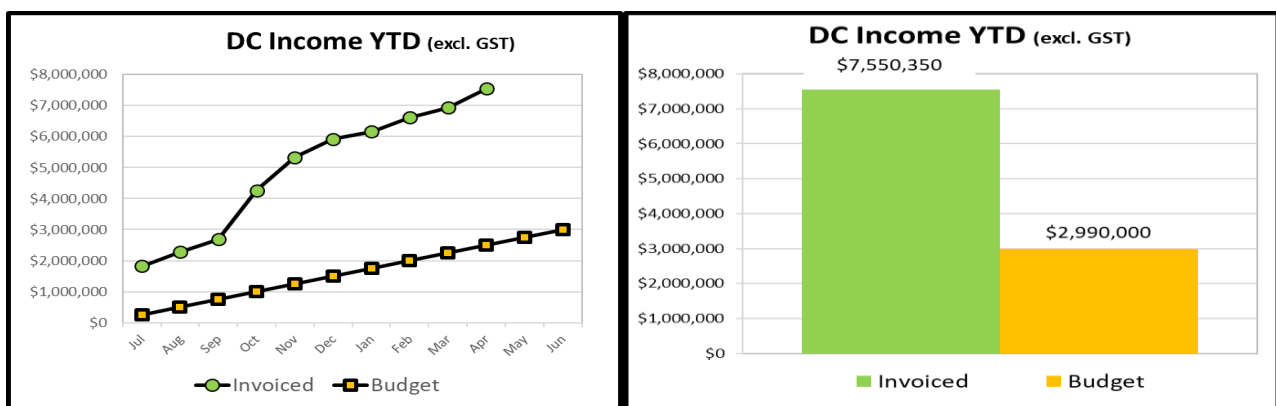
The number of applications received in April for Engineering assessment were 29. A total of 17 reports were issued and 9 placed on hold for further information. This increase reflects the time of the year when development increases along with an increase in construction due to drier weather. The 29 applications are above the 5-year average of 22.

The 8-day level of service for engineering report delivery was 94% in April, a good result considering the current challenges in our team. We are currently one team member short and have therefore increased the amount of work being outsourced while we recruit for a replacement. A total of 55% of applications were processed by Council staff in April or 16 out of the 29 received as a result of this.

Development Contributions

April revenue recovery was \$622,957, year to date income is \$7,550,350. In April 25 applications were assessed as requiring contributions.

There is a noticeable rise in the number of pre-applications for subdivisions.



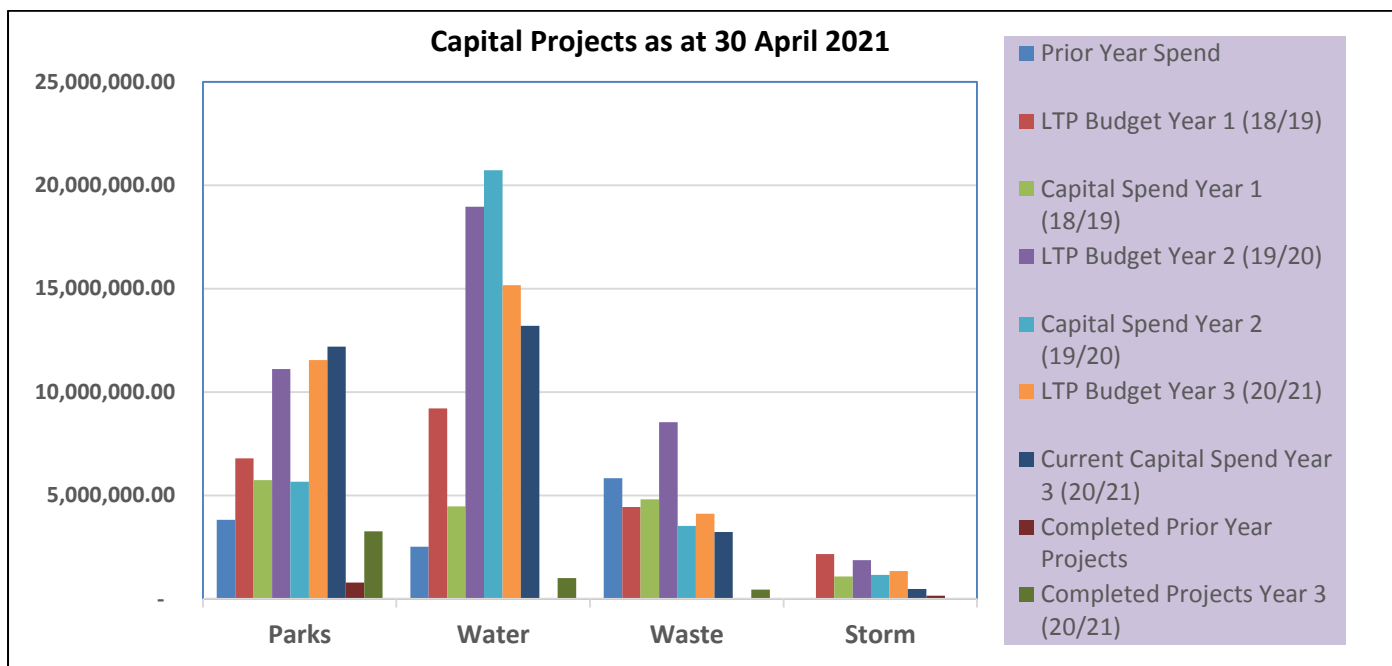
Infrastructure Support

Contract claims processed for the month of April was 58. The team processed 152 purchase orders in April. Work has begun cleaning up purchase orders that are no longer required, with 364 closed off so far. Business as usual in other areas with 53 Public Utility applications processed in the last month.

Capitalisation of Assets

Current year spend of \$29,097,888.22 which includes \$9,206,952.14 of work carried out for the new Water Treatment Plant. Town Basin playground and upgraded skatepark have been capitalised. Audit are onsite completing the interim Audit and will include checking samples of work completed this financial year.

Below is the April graph showing a total WIP balance of \$59,541,975.83 across Water, Waste and Parks, which includes \$28,972,120.62 spend to date on the new Whau Valley Treatment Plant. Part of the remaining balance (2,683,663.45) is prior year projects waiting to be capitalised.



Capitalisation of the new Whau Valley Treatment Plant is underway, discussions around componentisation has started and we have had a tour of the new Plant to get an understanding of the lay out. Project Manager is working through the asset schedule and asset details are collected.

SIGMA Project – Asset Management System upgrade

Project is currently on hold until Tech 1 come back with a fix on two issues which impacts on the delivery of the 'go-live' date of 1 July. Tech 1 have provided a date for this fix to be completed at the end of May. Once the fixes have been tested, the second round of testing will commence. A decision on the new go-live date will be agreed at that time.

LTP Infrastructure Workstream

The Draft Infrastructure Strategy received no submissions as part of the supporting documents consultation on the LTP. Minor amendments will be required to reflect small changes in the first 10 years due to changes resulting from submissions on the Long Term Plan. These will be incorporated as part of the final Long Term Plan.

One submission was made on the Development Contributions Policy, but no changes were recommended.

IQP Register Update

After meeting with the industry around the disestablishment of the register there was some discussion over stormwater and transport requirements that would impact on surveyors and the work they do. Transport issues were resolved at the meeting. Agreement that further discussion was required for stormwater and the level of expertise required for certain designs. A meeting will be held to discuss this with both council staff and the industry in May.

Update to the Engineering Standards

The Engineering Standards is currently in the process of being updated but the mid-April review by an external consultant has been delayed due to the workload of the external reviewer. It will then be sent for council formatting and layout. Once this stage is complete council will be holding workshops with relevant industry stakeholders for discussion and review.

Health and Safety

Health and Safety Risk Update April 2021

Staff reported incidents

Type of incident	#	Description
Minor injury	1	<ul style="list-style-type: none"> A Botanica employee hit their head on a beam when getting up from kneeling and weeding. The employee reported they just forgot the beam was there, although had been previously aware of it.

Near miss incident	1	<ul style="list-style-type: none"> A Water operator reported that their boat motor broke down while out on Wilsons dam. The employee had to use the oars to get back in. This needs further follow up as it does not seem we have procedures suitably covering this situation.
Security incident	1	<ul style="list-style-type: none"> Three Parks personnel were subjected to verbal abuse at the Pohe Island carpark when dealing with a compliance matter, involving a number of vehicle dwellers.
Vehicle incident	1	<ul style="list-style-type: none"> An NTA staff member reported a near miss when another vehicle cut directly in front of the vehicle they were driving. It was raining at the time and the staff member was driving more cautiously than usual and was able to brake, without being involved in an accident.
Stress incident	2	<ul style="list-style-type: none"> The laboratory team reported as a team, feeling under too much work pressure. A number of discussions have been held with the team to resolve. A new staff member resigned in April, placing more pressure than ever on the team. People and Capability have been working hard to recruit suitable staff but to date this has not yet occurred, with one potential new employee initially accepting the role, but then withdrawing. An employee reported feeling under pressure, due to personal circumstances, which was affecting their ability to work to usual capacity. A plan was implemented to support the employee and within a week or so, the employee was back to usual.
Hazards	1	<ul style="list-style-type: none"> NTA reported a hazard following the discovery of the variable signage for Te Matau a Pohe bridge showing as open, when the bridge was in fact closed. The investigation has revealed a communication breakdown and steps are being put in place to prevent further reoccurrence.

Contractor incidents

Type of incident	#	Description
Lost time injury (LTI)	2	<ul style="list-style-type: none"> A Northland Waste Recycling runner sprained his back after exiting the truck and landing awkwardly. Had seven days off work. The worker was spoken to about slowing down when exiting the back of the truck. A Northland Waste Recycling runner was standing on the entry point to the runner cage, rather than within it. The barrier arm came up and nudged the runner out of the cage causing an injury to his left knee. He was off work for approximately 2 days. The worker was reminded of the risks of taking shortcuts and requested to remain in the cage to avoid further injuries.
Medical treatment injury	3	<ul style="list-style-type: none"> A Northland Waste Runner pulled a muscle while lifting a rubbish bag. He was taken to White Cross and is on light duties for a further six days. A Northland Waste recycling runner exited the cab and his foot landed in the gutter causing him to lose balance and he rolled his ankle. He was taken to White Cross and on light duties for five days. A Northland Waste recycling runner lifted a recycling bin and strained his back He was taken to White Cross and was on light duties for a further 4 days.
Minor injury	1	<ul style="list-style-type: none"> Robinson Asphalt reported a finger strain when the spade he was using, unexpectedly hit some rock that was mixed in with smaller grade metal.
Pain and discomfort	1	<ul style="list-style-type: none"> A Downer NZ worker bumped his elbow on some concrete footing trying to connect a service when working in a hole. He carried on working but took periodic rest breaks for remainder of the day. This was compounded from a previous medical condition where his elbow is affected.
Incidents	1	<ul style="list-style-type: none"> A Fulton Hogan worker incorrectly directed traffic into the live lane on a night shift. The STMS on duty had reported several previous incidents with the same worker. Although not explicitly stated, the worker is likely to have been 'talked to' for this and other reported behaviours.
Breach of rule	2	<ul style="list-style-type: none"> A Ventia operator was found on a civil worksite without correct safety eye wear. A Ventia staff member found a surveyor on a civil worksite without correct safety clothing

Type of incident	#	Description
Property damage incident	2	<ul style="list-style-type: none"> Two youths were caught by Police after damaging our council defibrillator located at the Bascule Park. This was reported by Caughey and Dignon. Downer NZ, while working for the Water Dept reported a telephone cable strike, despite all usual procedures being followed. Chorus attended to repair.
Vehicle	6	<ul style="list-style-type: none"> A Fulton Hogan truck clipped a fence post while reversing. A Recreational Services worker was putting a mower on the truck, but lost traction on the deck and the mower moved sideways. No damage or injuries but could have been. A Recreational Services worker reported driving back from a worksite towards the depot when they went around a corner and found a campervan coming towards them at speed on their side of the road. Evasive action taken and no accident occurred. A Recreational Services vehicle went to jump start a ute with a flat battery and parked close by. The rescue ute door swung open (must not have been closed properly) and hit the other ute's door. Minimal damage reported. United Civil reported an incident at a Waipu civil work site when metal was being delivered. when their truck hit a farmer's tractor shelter causing minor damage to the spouting and flashing of the building. There was another truck leaving the site at the same time and they were trying to stay clear of each other and it appears the driver may have been so focused on this, they did not realise the proximity of the shed. A Downer NZ truck clipped another digger located in the area, while reversing. Minimal damage reported.
Security Incident	1	<ul style="list-style-type: none"> A Downer NZ team was approached by a member of the public and verbally abused. The team moved away, but then observed the same person behaving in a confrontational manner towards a child in the area. The workers phoned the police, who arrived shortly afterwards and spoke to the person.
Other	2	<ul style="list-style-type: none"> Fulton Hogan reported a staff member had an epileptic seizure on a civil worksite and was taken to hospital. He had forgotten to take his medication that morning. A Fulton Hogan STMS became ill while on shift and unfortunately several hours passed by before a replacement could be found. The supervisor who brought the replacement STMS went to deliver the worker home, but they collapsed.
Hazards	2	<ul style="list-style-type: none"> Ventia reported two work related hazards Fulton Hogan reported three work related hazards

Note: Northland Waste personnel meet with Council monthly and each incident is discussed. While the serious injuries some months seem both severe and high in number, in the context of how many times the workers lift bags, sort recycling and get on and off the truck, we may need to look at it from that perspective, it is a wonder they don't have more.

Member of public incidents in the workplace

Type of incident	#	Description
Minor injury		<ul style="list-style-type: none"> An NZTA visitor slipped in the NTA bathroom, due to water splashes on the floor. The person believed to have created the splashes was spoken with.

Public safety incidents affecting members of the public

Type of incident	#	Description
Medical treatment injury		<ul style="list-style-type: none"> An elderly woman tripped on a small 2.5cm lip on the footpath edge, outside Forum North and hurt herself quite badly. A library staff member assisted her initially and then supported by CitySafe. The NTA, after being requested to do so, arranged for the painting of a yellow line on the curb, to make it obvious about the lip.

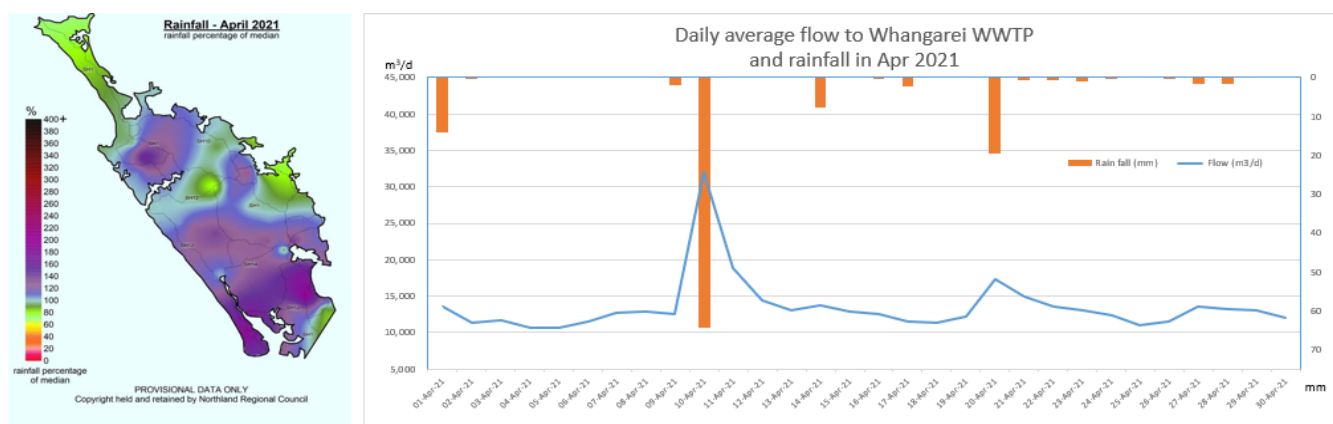
- A new hazard has been logged, following a coroner court finding involving Far North District Council (FNDC), following the drowning in 2018 of a man at a Cable Bay beach. This is being reviewed on the impact to our Council after the Coroner recommended FNDC install warning signage and a life preserver nearby.

Waste and Drainage

Operations and Maintenance

Whangarei WWTP

In the first 10 days of April, the flow into Whangarei WWTP was in the range between 10,000 to over 12,000 m³. There was a significant rainfall of 64 mm on the 10th which pushed the flow to its highest level at over 32,000 m³ on the same day. After that, the plant witnessed a gradual declining trend. A moderate rainfall event of just over 20mm was recorded on 20th which lifted the flow to just over 17,000 m³, the second peak of this month. The flow, then gradually declined until end of the month.



NRC image depicting the percentage of normal rainfall and & graph showing the total daily flow into Whangarei WWTP in April 2021

Activities carried out at the main plant during April included:

- Trickle filter No 1, 2, 3 and 4 were serviced, water drained out, topped up oil.
- High flow screens No 1, 2 and 3 were cleaned in preparation for the wet season.
- Primary clarifier No 1 was emptied to carry out visual inspection; grit and rags were removed.
- High flow UV bank 1A were serviced: top up gel, cleaning racks.
- The gear box of EQ basin mixer was serviced, oil changed and reconditioned. While all of its pumps (No 1, 2 and 3) were checked. The impellor clearance was inspected.
- The centrate wells were pumped out to remove scum.
- Workshop grinders were checked.
- Thickener No 1 and 2 were back flushed.
- The dissolved oxygen (DO) analyser for aeration basin No 1 was cleaned.
- The grit vortex classifier and blower were both serviced. This included changing gearbox oil and reconditioning work.

Whangarei WWTP Resource Consent Renewal project

A consultant has been engaged to conduct monthly water sampling at locations between the wastewater treatment plant (WWTP), post treatment, wetlands and tidal discharges into Limeburners creek and on into the Hatea River.

- Discharge from the WWTP into each of the two treatment wetlands (Outflow);
- Discharges from the treatment wetlands into the mangrove forest (Wetland);
- Discharges into Limeburners Creek (LB Discharge); and
- Water quality throughout Limeburners Creek. Before, during, and after mixing and diluting with the WWTP discharge (LB Creek).

Samples were collected from Jan 2020 and up to Feb 2021

Period	Site sampled
January – February 2020	All sites
March – April 2020	No sampling due to COVID19 alert level 4
May 2020 – January 2021	All sites
February 2021	WWTP Outflow and Wetland sites

Conclusion

- There were substantial reductions in the concentration of nutrients (total ammonia and phosphorus and ammoniacal nitrogen) and CBOD (Carbonaceous Biochemical Oxygen Demand) from the WWTP Outflow to the mouth of Limeburners Creek
- Turbidity was higher in Limeburners Creek than in the Outflow or treatment wetlands. Increases in turbidity/suspended solids (TSS) are common at freshwater/marine interfaces where particles can be resuspended and dissolved chemical species precipitated out due to salinity changes.
- Dissolved oxygen (DO) concentrations decreased in the treatment wetlands compared to the WWTP outflow. This is likely a result of the high CBOD (Carbonaceous Biochemical Oxygen Demand) of the WWTP discharge and the relatively slow-moving waters in the treatment wetlands. Oxygen concentrations subsequently increase beyond the treatment wetlands and within the Limeburners Creek mixing zone.
- During summer, chlorophyll-a concentrations remained high and nutrient concentrations decreased. Such a decrease in nutrients could be a result of the uptake of nutrients by phytoplankton growth.
- Ammonia concentrations at Limeburners Mouth exceeded the chronic toxicity guideline value on three out of six sampling occasions between May and October. Ammonia concentrations appear to decrease markedly after mixing with the Hātea River such that they comply with the Hātea water quality management unit coastal water quality standard, which is an order of magnitude lower than the toxicity guideline.

Rural WWTP Major Operation & Maintenance

Hikurangi

- Inlet screen expected to arrive in late June, early July. The shipment was delayed due to Suez canal issue.
- Instrumentation to monitor the aeration pond was installed which will be used to record the following parameters: TSS, COD, DO, pH to determine the preferred long-term treatment technology.
- Physical design shall use extensively data collected in the field.
- Flow meter at the plant was fixed.

Ngunguru

- Inlet screen expected to arrive late as it has same manufacturer as the one destined for the Hikurangi plant.
- MABR trial completed successfully. A full comprehensive report is expected to be available in May.

Ruakaka

- The operations team is reviewing a proposal which uses treated wastewater to irrigate poplars and gullies for land remediation.
- Proposed trees have a very high transpiration rate. Their roots can take up substance from the soil and in treated wastewater and concentrate contamination into harvestable plant biomass above the ground.
- Wetland upgrading still in progress.
- Preparation work for two new surface aerators including new power cable, new anchor points completed. Installation will be completed in May.
- Sampling bores were sprayed to clear vegetation.

Portland

- A culvert was installed in the wetland access road to prevent surface water runoff into pond 2.
- Erection of the security fence to be finished by May 2021

Waipu

- Surface aerator changing oil and reconditioned

Reticulation

There were four recorded spills incident in the April period

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m³)	Type of Sewage	Action Taken
3/04	3/04	3/04	17 Lake Drive, Tikipunga	Fatty solids blockage in downstream line	<50L	Raw/Unscreened	NRC and DHB notified, line cleared, cess pits and area cleaned and disinfected. Hydrotech returned later in the day and heavy cleaned line due to excess fat observed.
7/04	7/04	7/04	19 Cheviot Street	Fat and rag blocking downstream aerial crossing	<2m3	Raw/Unscreened	Line flushed, spill area cleaned and disinfected. NRC and DHB notified.
8/04	8/04	8/04	Tauroa Street and Smeatons Drive Intersection, Whangarei	Rag solids blockage in downstream line.	<100L	Raw/Unscreened	NRC and DHB notified, line cleared, area cleaned and disinfected and manhole inspected for debris.
17/04	17/04	17/04	Raurimu Avenue Cockburn Street Intersection	Blockage in downstream manhole outlet	<2m3	Raw/Unscreened	NRC and DHB notified, area cleaned and disinfected, manholes checked for defects.

Stormwater complaints under investigation

Key for table:

Stormwater complaints	Under investigation with works to be determined. If not noted, completion dates unknown until full investigations are complete and approval of works is given.
Stormwater complaints	Completed and shall be removed in next report

No	Location	Region	Description of problem	Responsibility (W&D unless otherwise stated)	Progress Update
1.	Whangarei Club on Rust Ave, (CBD)	(CBD)	Report of major storm damage to roof.		Under investigation
2.	240 Western Hills Dr, Avenues	Avenues	Report of culvert along the drive has been eroded significantly in the storm putting water meters, driveway, sewer line and road side power pole at risk.		Under investigation
3.	82 Fourth Avenue	Avenues	Request clarification on maintenance responsibility of slipping roadside berm & kern outlet pipe		Desktop assessment & Site Inspection is completed. An email addressing customers queries was sent. This complaint is now resolved. Dated: April 2021
4.	Third Avenue	Avenues	Stormwater open drains are not functioning		Under investigation
5.	49 Second Ave	Avenues	WA090184, Customer had had a lot of debris flow up and out of their private cesspit which is possibly something to do with the blockage.		Subcontractor carried out CCTV and found out a tomo was forming in the driveway on the boundary of No 50 and 48 First Ave. Stormwater pipeline damaged beyond repair. Renewal work carried out under Capex.

No	Location	Region	Description of problem	Responsibility (W&D unless otherwise stated)	Progress Update
					Investigation completed
6.	69 George St Hikurangi	Hikurangi	Open drain is really effectively on the boundary of the two properties here – scouring is undermining properties		Under investigation
7.	1 Union Street, Hikurangi	Hikurangi	WA095519 Caller advises that there is a stormwater drain that runs along the side of their fenceline and they want to fill it in.		Under investigation
8.	5 Muirfield Rise / 103 Station Road, Kamo	Kamo	Stormwater is being channelled from 103 Station Rd and directed into a lower property		Met with the customer, site inspection completed. Reasons for stormwater flows explained to the customer and some remedial works were suggested for customer's consideration. This complaint is now resolved, dated: March 2021
9.	16 Mcainch Place, Kamo	Kamo	Storm flooding in properties		Under investigation
10.	137 Pipiwai Road	Kamo	Stormwater problems to property.		Met the customer, site inspection completed. An email was sent to the customer addressing all their queries. Drafting required maintenance work to council contractors.
11.	Wrack street, Kensington	Kensington	WA092872 Water team removed the water main, operation team will carry out further investigation		Under investigation
12.	8 Mair St, Kensington	Kensington	Stormwater concerns		Under investigation
13.	18 Zealandia Street	Kensington	WA093237 Report of stormwater drain on Mains Avenue not working properly and water runs straight down to Zealandia Street causing properties to flood.		Met with the customer and site inspection completed. Stormwater maintenance work is sent to council contractors.
14.	13 Henry Street	Kensington	WA094012 Report of property being flooded due to lack of stormwater remedies.		Under investigation
15.	30 Russell Road, Kensington	Kensington	Large volumes of stormwater caused damage to property during flood event		Met with customer on site. Further CCTV work required. Under investigation.
16.	Kamo Road	Kensington	WA092758 Request for road hump between King St and Zealandia St be removed to allow water to flow down Kamo Rd.		Under investigation
17.	Austin Rd / Belle Lane, Maunu	Maunu	Belle Lane and Austin Road – flooding to properties and schools on lower side of Austin Road. Issue with soakage trench capacity.		Met with the Customer, site inspection completed. Meetings & discussions were held with the concerned officers from the neighbouring property developers to ensure stormwater controls in their development site are in place. Council's Building Control team has been advised of required stormwater controls in this development. Indicative Overland flowpath routing was explained to the customers on site, measures to

No	Location	Region	Description of problem	Responsibility (W&D unless otherwise stated)	Progress Update
					manage these flows were discussed in the meeting.
18.	14 Porowini Avenue, Morningside	Morningside	WA090402 Constant flooding of the buildings and land on this site		Under investigation
19.	55 Anzac Road	Morningside	Stormwater flooding on customers driveway		Under investigation
20.	4 Shoebridge Crescent	Ngunguru	Flooding due to piping of open drain		Under investigation
21.	261 Oakura Rd, Oakura	Oakura	Overland flow path has been blocked by new building which has been built at a higher level	Building	
22.	5 Finch Street	One Tree Point	Saltwater flooding in properties		Met with the Customer, site inspection is completed. Temporarily resolved seawater flows in the network. Robust resolution is underway.
23.	48 Handforth Street, Onerahi	Onerahi	WA092143 Runoff from airport into roadside drain and swale that directs water across road into properties causing flooding	Roading – RDG072222	
24.	McKenzie Ave walkway, Onerahi	Onerahi	Report of inadequate stormwater reticulation on McKenzie Ave walkway		Met with the customer and site inspection completed. Stormwater Renewal Projects List for reticulation upgrade.
25.	64 West View Crescent, Onerahi	Onerahi	WA093082 Flooding to property and neighbours.		Met with the customer and site inspection completed. Added this area under Stormwater Renewal Projects List for reticulation upgrade.
26.	29 Weir Crescent, Onerahi	Onerahi	Flow from road not being intercepted by roadside drainage and flows down driveway of lower property	Roading	
27.	64 Beach Road, Onerahi	Onerahi	WA090283 Stormwater run-off from the airport washed out property at 64 Beach Road		Under investigation
28.	2 Kaiwaka Road, Onerahi	Onerahi	WA091997 Flooding damage to property from stormwater run off at airport.		Met with the customer, site inspection & investigation completed. Stormwater remedial works identified and to be actioned by council contractors.
29.	Sorrento Street, Onerahi	Onerahi	Property flooded due to stormwater run off during July storm.		Under investigation
30.	10 Montague Place, onerahi	Onerahi	Property flooded due to stormwater run off during July storm.		Met with the customer, site inspection & investigation completed. Stormwater remedial works identified and to be actioned by council contractors.
31.	272 Beach Road, Onerahi	Onerahi	Drainage discharging directly onto road	Roading	
32.	Weir Cres / Cliff Street	Onerahi	WA092952 Reports of heavy rain events creating flooding run off to downstream properties.		Under investigation
33.	59 Church Street	Onerahi	WA093311 Requested to increase stormwater network along church street to		Met with the customer, site inspection completed. Further investigation in progress. An

No	Location	Region	Description of problem	Responsibility (W&D unless otherwise stated)	Progress Update
			mitigate flooding intensity in downstream private properties.		email was sent to the customer addressing their concerns. This job is now resolved, dated: March 2021.
34.	20 Roderick Place	Onerahi	WA094991 Stormwater capacity near 20 Roderick place. Customer's house flooded in the July storm and has only recently been able to move back in. Please contact the customer		Under investigation
35.	10 Nottingham Road	Onerahi	WA093252 Existing sw culvert is open and uncovered, customer request to close culvert.		Met with the customer, site inspection completed. An email with recommendations was sent to the customer. This complaint is now resolved. Dated: April 2021
36.	15 Bayswater Place	Onerahi	Existing network is probably under capacity which results in flooding of private driveways.		Under investigation
37.	29 & 31 Cartwright Road	Onerahi	Due to rain stormwater pipes & retaining walls are undermined.		Under investigation
38.	3 Charlise Place	Onerahi	Customer wanting to remove large plants & tidy up a section of road		Under investigation
39.	46E Kohe Street, Parahaki	Parahaki	Report of stormwater running down private right of way causing damage		Under investigation
40.	29 Muritai Road	Parua Bay	Concerns around easement for sw & ww drainage, flooding of swale in #29 and driveway of #11 Muritai Rd		Met with the Customer, site inspection completed, sent an email response to the customer addressing all queries. This complaint is now resolved, dated: March 2021.
41.	12 Ritchie Road	Parua Bay	Caller has a fenced off easement area of water on her section that is councils. The fence is in need of repair and the caller is asking that this be repaired		Under investigation
42.	948 Whangarei Heads Road	Parua Bay	Request to talk to the council engineer about stormwater drainage issues to get their building signed off.		Met with the customer, site inspection & desktop assessment completed. Recommendations to resolve stormwater drainage were explained to the customer.
43.	120 Tauroa St and Acacia Park, Raumanga	Raumanga	Private stormwater drainage damaging private roads. Customer believes it belongs to Council.		Under investigation
44.	1 Raumanga Heights Drive Raumanga	Raumanga	WA096331 Issues with stormwater drain which runs along boundary causing flooding.		Investigation completed. It is a private drainage and maintenance to be carried out by landowner.
45.	15 Kent Road, Regent	Regent	Storm water issues at Kent Road - manhole that pops at the small roundabout at Kent Road during big rain events and floods downstream properties.		Met with the customer and site inspection completed. Further investigation in progress.
46.	Shortland Street, Regent	Regent	Flooding at the intersection of Mill and Kamo Road – investigate connecting SW drainage along Donald St to Hatea Drive		Under investigation

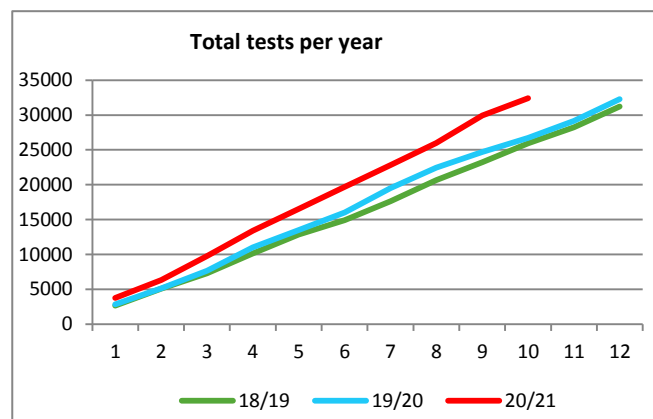
No	Location	Region	Description of problem	Responsibility (W&D unless otherwise stated)	Progress Update
47.	4b Dundas, Riverside	Riverside	Road drainage that is causing issues for a retaining wall		Under investigation. Contractor carried out CCTV. Repair work shall be carried out under Opex. Job completion in May
48.	6 Surfside lane, Ruakaka	Ruakaka	Property being flooded by stormwater		Final response sent to customer. No further action required.
49.	Dune Lake, Ruakaka	Ruakaka	Reports of dead sea life.		Under investigation. Meeting to be held with NRC and customers to advance this.
50.	94 Corks Road, Tikipunga	Tikipunga	Raising of land adjacent to Totara Parklands development has increased likelihood of flooding to neighbouring property		Met with the Customer, site inspection completed. Development Engineering team undertaking remedial works. This complaint is now resolved, dated: March 2021.
51.	29 Tapper Crescent	Tikipunga	WA096395 There is a stormwater catchment area at the back of the caller's property. Due July floods this filled with gravel from the properties at Erin Street. Caller had damage to his property.		Met with the customer on-site and addressed his stormwater related queries in the meeting. No further action required. This complaint is now resolved, dated: April 2021.
52.	33 Briden Drive	Tikipunga	Yard Flooding, customer requests for suggestions.		Under Investigation
53.	32 Whangaumu Rd, Tutukaka	Tutukaka	Flooding to lower lying properties across the road		Under investigation
54.	68/20 Eilean Donan Drive, Waipu	Waipu	Flow from Right of Way culvert concentrating flow onto property. Property has constructed a bub to prevent this, thus damming flow		Met with the customer, Site Inspection complete, legal opinion obtained. Council's legal team is drafting a response to the Customer.
55.	St Marys Rd Waipu	Waipu	Roadside swale has been infilled to construct footpath and road berm. Pipe is very shallow at discharge and is being damaged by being driven over	Roading	
56.	23 Stuart Rd, Reotahi,	Whangarei Heads	Reports of council infrastructure inadequacies damaging property		Under investigation
57.	275a Kamo Road, Whau Valley	Whau Valley	Open drain has been piped – capacity issues have resulted		Further investigation recommended.
58.	Glendale Rd, Woodhill	Woodhill	Request to install a grate to catch debris coming down from Coronation Reserve		Under investigation

Laboratory Report

For April 2021 626 samples were analysed for 2501 tests. 23% of the tests were subcontracted and 46% of results were reported within 5 working days.

This continues to be a 17% increase in testing numbers for the same period in the previous year. Testing growth has come from internal testing, due to testing requested to support the government stimulus projects and information gathering to support resource consents coming up for renewal.

Graph shows the test numbers for year ending 30 June.



Roading - Transportation

Maintenance Contracts

Programmed works completed during April were as follows:

- Heavy metal overlays were applied to Applecross Road, Millbrook Road and Campbell Road.
- Brooks Road seal extension has been completed up to stabilised base level. Surface preparation with the ensuing Gr3/5 chip seal will be done in the first week of May, followed by road marking and road signs.
- Massey Road seal extension enabling works and subbase is completed. Base overlay is commencing in the first week of May. Completion is expected in mid-May 2021.
- Mill Road section 2 traffic islands installation on Churchill and Hassard Streets, as per the original design, is completed.
- A total of 651m² of dig-out patches have been carried out over various sites including Omana Road, Clyde Street, Cove Road, Rosythe Road. Clyde Street was changed to an asphaltic concrete surface to minimise the disruption to local business and traffic delays in the central city.
- Chipseal sites sealed in April included Dave Culham Dr, Port Rd and Okara Dr.
- The chipsealing programme is now complete except for three Waipu sites (Lochalsh Dr, Settlers View and Breton Dr) that require repairs before resealing can be completed.
- Requests for roadmarking alterations were completed on the following roads: Aubrey St, Oakland Ave (arrows), Kensington Hockey stadium, Rust Ave Carpark, Forum Nth, Rust Ave Carpark and Hospital Rd.
- A mechanised culvert clearing crew worked through the Pipiwai Area.
- We have had two crews water tabling in the northern area, one in the Hukerenui/Pipiwai area and the other in the Kiripaka area.
- Water-table cleaning was carried out on Applecross Rd, Beach Rd, Cemetery Rd, Charles Walton Rd, McGill Rd, Monk Rd, North Camp Rd, O'Carroll Rd, Omana Rd, Pipiwai Rd, Ruarangi Rd, Snooks Rd, Springfield Rd, Taipuha Rd, Takahiwai Rd, Thompson Rd, ToeToe Rd, Waionehu Rd, Walker Cres.
- We are completing our final roadside spray round for this financial year.
- Walkways cleared of vegetation – Princess St, Mahana Place, Beaumont Ct, Rockwall Pl, Clarkson Cres, Pohutukawa Pl, Barge Lane, Heron Pl, Kohatu Rd, Seaview Rd, Vale Rd, Powhiri Rd and Hinemoa Rd.

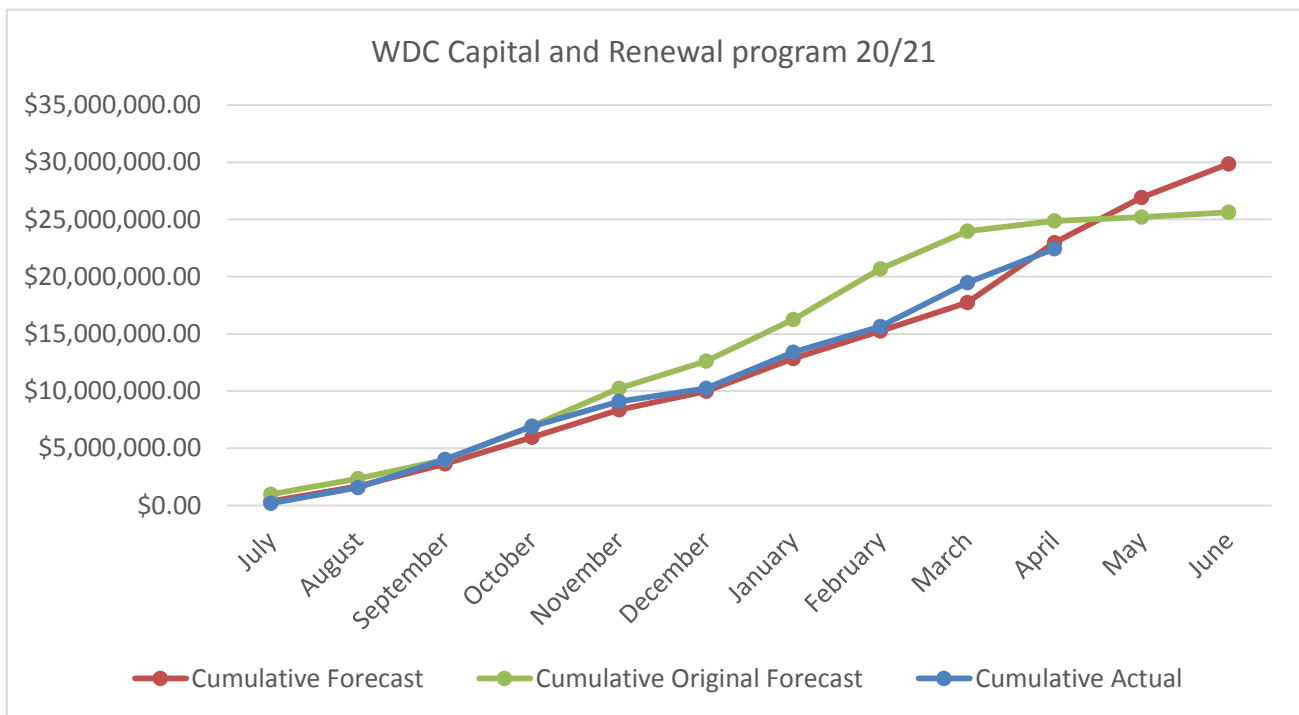
Routine Works completed this month.

April was a very busy month with a lot of routine work being completed. The crews have been working through the CRM's, sealed and unsealed potholes, trip hazards, signs, detritus removal, etc

- Grading of Finlayson Brook Road, Waionehu Road, Grant Road, St Marys Road, McKay Road, McLean Road, Johnson Point Road, McAdam Road, Helmsdale Road, North Camp Road, Ahuroa Road, Waipu Caves Road, Palmer Road, Sandford Road, Waipu Gorge Road, Durham Road, Schultzs Road, Sealladh-Nui Heights, Brooks Road.
- 426 kms of road were swept in the following areas: Central, Regent, Kamo, Kensington, Mairtown, Mort, Smeatons, Whau Valley, Woodhill, Onerahi, Morningside, Tikipunga, Raumanga, Kauri, Otangarei and Maunu.



Brooks Road Seal Extension



Projects started in April

Category	Sub activity	Location
125 - Footpath Maintenance	Footpath Renewal	Various
213 - Drainage Renewals	Drainage	Various
341 - Low-Cost Low Risk	Pedestrian Improvements	Dent Street Pedestrian Crossing Upgrade
341 - Low-Cost Low Risk	Speed	Various sites - Speed limit infrastructure

Projects to start in May

Category	Sub activity	Location
214 - Sealed Road pavement rehabilitation	Rehabs	Rewa Rewa Road
341 - Low-Cost Low Risk	Safety	Ngunguru Road - Murphys Cnr
341 - Low-Cost Low Risk	Safety	Cove Road
Bus Shelter Renewal	Public transport	Rose Street Bus Terminal
CIP	Cycleways	Kamo Shared Path Link
CIP	Intersections	Port Road (Limeburners Creek) Bridge and Kioreroa Road Intersection

Photo Wall



Kamo Road/Whangarei Footpath renewals



Pipiwai Road/New footpath connection



Nook and Tahunatapu Road/ Seal Extension



Dent Street/New kerb and path





	
Attwood Road/ Seal Extension	Brooks Road/ Seal Extension

Significant Projects

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
214 - Sealed Road pavement rehabilitation	Rehabs	Mill Road	100%	Traffic Islands Installed. Design of remaining islands tbc Rework tie in	Close out
214 - Sealed Road pavement rehabilitation	Rehabs	Rewa Rewa Road	7%	Construction to commence 5 May	Construction complete early June
214 - Sealed Road pavement rehabilitation	Rehabs	Maunu Road	0%	Design complete	Design only, Construction will begin in 21/22
324 - Road Improvements	Intersection	Maunu/ Porowini Intersection	100%	Construction completed and Practical Completion Certificate issued. Final paperwork to come (as-builts etc.)	12-month Defects Period. Receive close-out documents and final claim from contractor.
341 - Low-Cost Low Risk	Bridge	Whangarei Heads Road	100%	Practical Completion issued.	Defects liability period
341 - Low-Cost Low Risk	Intersection	Robert/ Walton Intersection	67%	Progress detailed design	Progress detailed design
341 - Low-Cost Low Risk	New Footpath	One Tree Point Rd	100%	Complete	Complete
341 - Low-Cost Low Risk	Pedestrian Improvements	Dent Street Pedestrian Crossing Upgrade	15%	Complete design, engage contractors to start construction	Continue construction
341 - Low-Cost Low Risk	Safety	Ngunguru Road - Murphys Cnr	41%	Short term options design complete and construction costs priced by contractor. Progress longer term options for implementation in forward programme.	Construction contract award.
341 - Low-Cost Low Risk	Safety	Cove Road	8%	Received consent, tendered, and awarded contract to contractor	Commence works
341 - Low-Cost Low Risk	Speed	Various sites - Speed limit infrastructure	13%	Construction is underway for Waipu, Ruakaka, and One Tree point.	Continue the installation of speed signs. Finalise design for threshold treatments

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
					and instruct contractor to include in their construction work package this fy.
341 - Low-Cost Low Risk	Traffic Calming	Hikurangi Township (King Street/George Street/Valley Road)	100%	Complete	Complete
452 - Cycling Facilities	Cycleways	Kamo cycleway Stage 5 (Fisher Tce to Station Rd)	76%	Progressing design	Progressing design
Bus Shelter Renewal	Public transport	Rose Street Bus Terminal	29%	Safety audit completed. Draft detailed design received and has been reviewed. Tender documents preparation underway. Bus shelter design reviewed and being finalised.	Detailed design to be finalised. Inform owners and businesses about removal of parallel parking outside Grand Hotel on Rose Street. Complete tender document for civil works. Place order for bus shelters once Council acceptance confirmed.
CIP	Cycleways	Kamo Shared Path Link	0%	Design complete	Design phase
CIP	Cycleways	Raumanga Shared Path	4%	MBIE Funding agreement signed.	Progressing design
CIP	Intersections	Port Road (Limeburners Creek) Bridge and Kioreroa Road Intersection	0%	Completed detailed design of bridge. Design of sheet pile wall for eastern abutment progressing. Point of entry for intersection approved by NZTA and business case progressing. Interactive tender meetings held with contractors. Developing the contract for enabling works. Consultation with mana whenua and KiwiRail continuing. Continue development of Cultural Impact Assessment. Safety audit completed.	Complete design for sheet pile wall. Progress business case for intersection upgrade. Close tenders for main construction contract on 6th May and evaluated tenders. Let enabling works contract and start enabling work. Start service relocation. Continue consultation with mana whenua and KiwiRail. Complete development of Cultural Impact Assessment. Lodge resource consent.
New Footpaths - Unsubsidised	New Footpath	Whangarei City Wide (Sense of Place) c/o from 19/20	0%	n/a	n/a
Redeployment Package	New Footpath	One Tree Point Rd	100%	Complete	Complete
Redeployment Package	New Footpath	Ngunguru Rd from Whangarei Falls to (or close to) Ngunguru Rd path	100%	Complete	Finalise as-built drawings and required MSQA Documentations
Redeployment Package	New Footpath	Gillingham Rd	100%	Complete	Finalise as-built drawings and required MSQA Documentations
Redeployment Package	New Footpath	Tauraroa Rd, Maungakarama	100%	Complete	Finalise as-built drawings and required MSQA Documentations

Whangarei District Road Safety Promotion Report April 2021

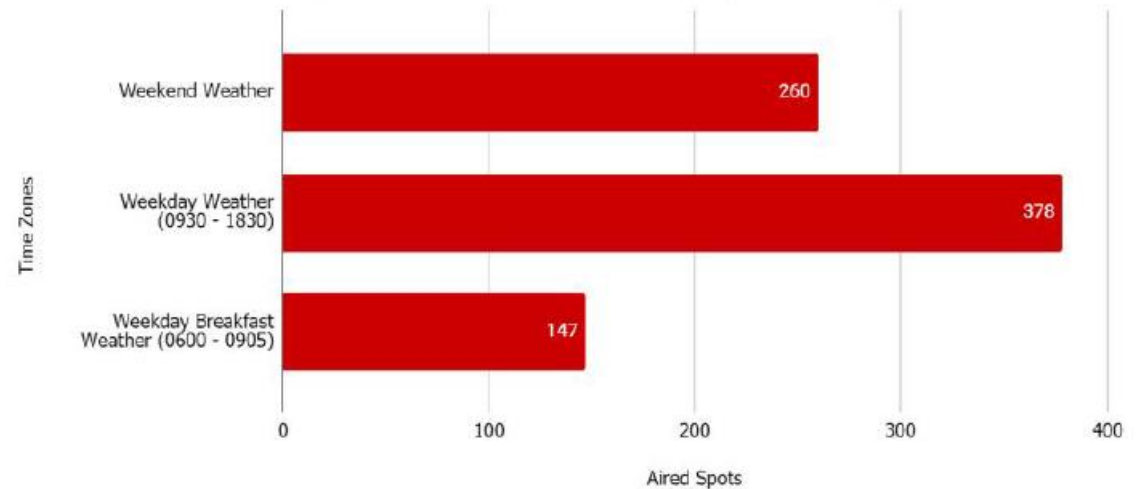
Road Toll	Total for 2019	Total for 2020	Total to May 2021	SAiD (Stop Alcohol Impaired Driving)		SADD—Short film competition currently underway, closing 21/05/21			
Whangarei	10	13	5	Allocated number April 21	5	<div><div></div><h2>Calling creative minds</h2><p>To support the Drive In The Moment Toolkit The Northland Road Safety Trust in partnership with Students Against Dangerous Driving (SADD)</p><p>Invite entries for a SHORT FILM around the dangers of distracted driving.</p><p>ENTRIES CLOSE 21-05-21</p><div><div>1 First Prize \$3000</div><div>2 Second Prize \$1500</div><div>3 Third Prize \$500</div></div><p>Short films submitted to be no longer than 5 minutes.</p><p>The prize money is to be spent on the betterment of senior student facilities e.g. a common area, physical education equipment etc.</p></div>			
Kaipara	7	2	2	Attended	4				
Far North	12	13	7	Completed	3				
Totals	29	28	14	YTD	11				
Fatigue Stops at Uretiti:				RYDA		<div></div>			
Planned Dates:	Completed	Vehicles Stopped	Interactions	Schools	Students attended YTD				
23/10/2020	Yes	92	206	Tauraroa Area School	60 students attended				
18/12/2020	No			Northern Health School	10 students attended				
29/01/2021	No			Whangarei Boys High	180 students attended				
5/02/2021	Yes	112	226	Pompallier College	70 students attended				
01/04/2021	Yes	187	297	TKKM o Rawhiti Roa	10 students attended				
<div><p>To make up for our missed fatigue stops we have teamed up with Oakleigh Service Station who will use these cups to offer free coffee to any driver they have identified as travelled a long distance.</p><p>This way we are still getting our message out there about fatigue and supporting drivers. So far, the feedback has been great, one was even given to Helen Clark who said it was great</p></div>				Christian Renewal School	20 students attended				
				Whangarei Grils High	Booked 200 students for Nov 21				
				Young Driver Programmes					
Drive SOBA for Recidivist Drink Drivers						Passed	Active (getting mentored)	YTD (2021)	# of Mentors
Current: 26/02/2021-21/05/2021		11 in progress		People Potential (Whangarei):	Learner	12 (13/14/15 April)	N/A	43	
					Restricted/Full	2	10	14	5
				Ngatiwai:	Learner	15	0	17	
					Restricted	0	6	2	2
Current: 21/04/2021-07/07/2021		12 in progress		Bream Bay Community Trust:	Restricted	1	12	3	7
Health & Safety: There are no health and safety issues to report.				Drive SMARTA					
Start Date: 08/04/2021		7 Allocated		2 completed		30 YTD completed			

Child Restraints Programme:

Where / When:	What:	Who:	Results:
1,8,15,22, 29 April @ 33 King Street, Whangarei	Car seat checks and installations	12 families	11 car seats checked; 1 infant capsule checks and repositioning harness; 3 full installations – 7 technical faults being corrected and advice given; 4 no faults. Upon referral from PN 1 Sonus car seat donated for 7 month old. Upon referral from Family Works 2 car seats for 2 year old twins (1 RF & 1 FF) and 1 booster for 6yr old provided, installation and education provided.
22nd April	Parallel care visit	1 family	1 Child seat donated and whānau extremely grateful. Rear-facing installation and education provided

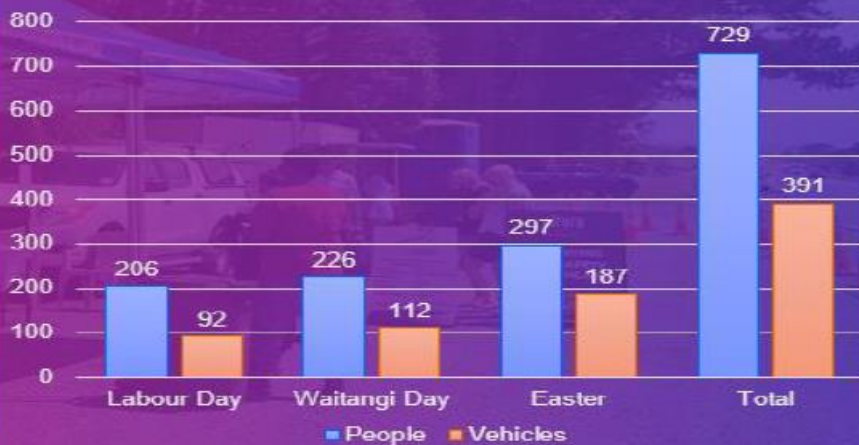
NZME More FM Road Safety aired spots:

More FM Weather Report for Northland Road Safety Trust - April 2021



Season overview from fatigue stops:

Total numbers from successful fatigue stops



Parks, Recreation and Solid Waste

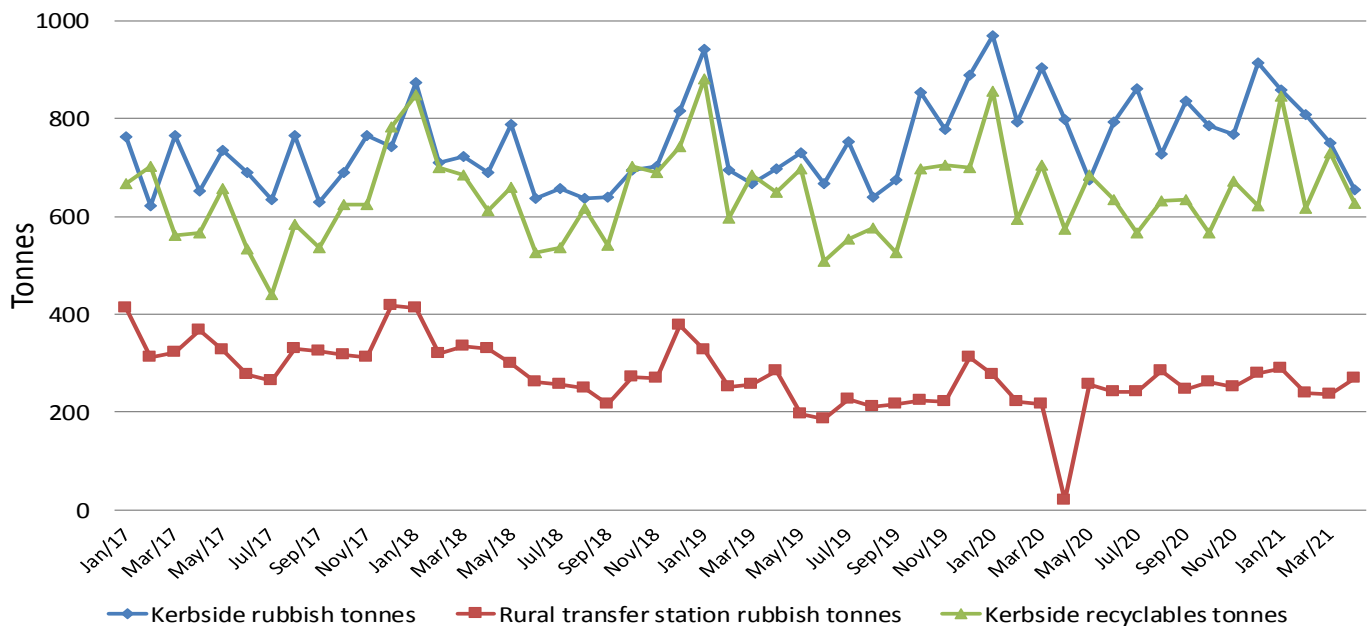
Operations

Solid Waste Operations

The rural refuse and recycling stations changed from summer to winter hours. Kerbside collection operations have been going well. The number of properties that have been developed in the area covered by the kerbside collections on Tuesday means that some rebalancing of the routes needs to be arranged.

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

Solid Waste Tonnes Jan 2017 - Year to Date



Rubbish Collection Tonnes	2020/21	2019/20	RTS Tonnes	2020/21	2019/20	Recycling Tonnes	2020/21	2019/20
June		793	June		241	June		633
May		675	May		256	May		684
April	654	798	April	270	20	April	626	575
March	749	903	March	236	215	March	730	705
February	808	793	February	240	221	February	616	593
January	859	969	January	290	277	January	847	856
December	914	889	December	280	311	December	622	699
November	767	779	November	252	220	November	673	704
October	784	853	October	261	224	October	567	698
September	836	674	September	246	217	September	633	525
August	728	638	August	238	210	August	633	577
July	862	753	July	246	226	July	566	554
Total for period	7961	9517	Total for period	2559	2638	Total for period	6513	7803

Walking Tracks

The continuing dry weather throughout April has enabled Northland Park Care to carry out maintenance work across the Track network.

A total of 37 Tracks have been targeted for weed control, wind fall clearing and drain / culvert cleaning prior to the wet winter season.

A number of Sterigene (Kauri Dieback) stations have had maintenance to ensure they are fully functional.

The tracks are generally in good condition as we head into the winter season, with the likelihood of seasonal rainfall events not too far away.

Tree Maintenance

Treescape® had one and a half crews running on the WDC Tree Contract during April. The major focus has been on completing partly maintained reserves. A total of 10 reserves were completed this month. Four streets were also completed as part of the street tree pruning cycle. These streets were completed due to a large volume of complaints mainly about branch heights over the footpath and road carriage.

A number of large Flame Trees were felled at the rear of 113 Hospital Road, which had been hazardous to the neighbouring house.

A number of large dead pines at the lower end of The Ross Track (Dundas Rd) were dismantled. These trees have been a significant hazard to pedestrians / track walkers for some time. Treescape brought a team from Auckland to carry out this specialised work.

Coastal Structures

21 inspections completed in April, predominantly around the CBD and Whangarei Heads areas.

No major issues were identified at the time and the contractor is still progressing through minor unscheduled work.

Non-structural maintenance work is required on the Hihiaua haul out facility to remove the rotten fenders to maintain consent compliance.

A recent inspection of the Beach Rd Onerahi Seawall identified increased loss of fines behind the wall and toe scouring. A small section has collapsed and appears to pose no risk to the public. Design for renewal of this seawall is complete and awaiting the tender process, in the interim the contractor will reinstate local material to temporarily protect this section.



Sports Parks

Contractors struggled with keeping ahead of grass mowing following useful rain on 1st and 20th of the month and warm temperatures. Most kikuyu fields are under-sown with rye grass as part of the renovations and this is establishing well. This helps to keep the fields growing and green over the winter months. Fields must remain closed whilst this establishment occurs, and this can cause some frustration to teams wanting to commence training. Line marking is quite a big task as we prepare the remaining fields for the winter season. Cricket block renovations will commence middle of May, slightly later than usual.

Drainage work has started at Cobham Oval. Slit drainage helped us through the last season but some ponding continued around the lower margins. The main perimeter drain is now being replaced as laterals were found to be not flowing properly into this with suspect gradient falls into them. Full turf renovation will be needed prior to the next summer playing season.

Vehicle dwellers at William Fraser and Otaika Sports Parks are conflicting with the commencement of winter sports use. Following monitoring at William Fraser, infringement notices were handed to two occupants. A different approach is needed at Otaika to deal with the situation there.

A report has been commissioned for the existing sports fields at Ruakaka. The turf has fared badly over the last two dry summers, there being no irrigation. The soil is very friable too and the sandy structure fails to support the grass root structure once dry. Added to this, there is a tendency to water logging in the winter, so this is a poor combination of conditions. We are hoping that recommendations within the report can assist in maintenance practice and this may be pertinent to the new fields being constructed additionally.

Measures to combat severe weed infestations around the margins of the grounds at Koropupu and Otangarei Fish Bone Park will commence in two weeks-time. This has been a source of frustration but is finally scheduled. Planting

will be undertaken to form ground cover that will give lasting control and make these fields look much improved long term.



Poor Turf Performance at Ruakaka Sports Park

Parks and Gardens

April received 110mm of rainfall with a majority falling in the first half of the month. This summer has been pretty good with regular rainfalls which have kept the grass and plants healthy.

During April annual beds were prepared and most of the beds planted. Laurie Hall was prepared for Anzac celebrations on Sunday 25th April. All the hanging baskets were removed from sites. This year's winter planting is being planned and will be finalised in early May.

A number of the traffic islands around the city are looking quite messy at present. The contractor is having difficulties with the required Traffic Management Plans (TMP, needed to ensure they do everything correctly and keep their staff safe. Recreational Services met with Simon Megchelse to work out these issues and finalised TMPs will be ready soon, enabling the contractor to bring the gardens back into spec.



Garden at the Town Basin

April remained a busy time for the mowing teams with strong grass growth continuing into early April. Grass growth slowed at the end of the month with the cooler temperatures and the teams were catching up on their runs. The contractor has brought an addition Pegasus mower (tractor driven mower) to do some of the bigger sites which is helping immensely. One consequence of this is there are more trees that need trimming so the tractor and Pegasus can get into more areas.

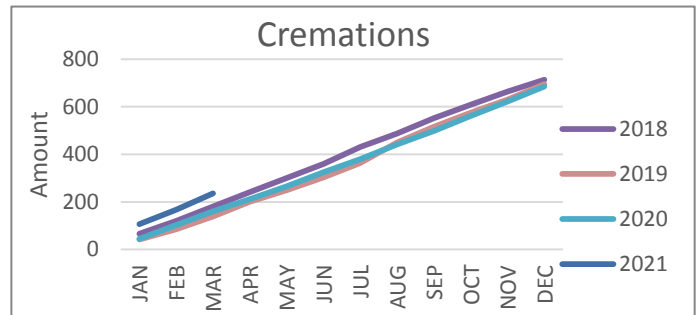
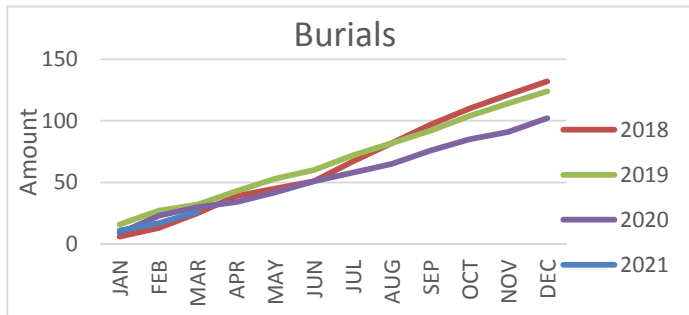
Playgrounds and Skate Parks

During April we have faced a couple of problems at the Town Basin playground. The chimes we installed on the fence on top of the mound, proved to be annoying to local business owners, yachties and nearby residents. The ring of the chimes carried a long way and could be heard a long way away. The constant ringing through the day, drove those stationed at the Basin, batty. Having discussed with the manufacturer, this issue has been problematic at other playgrounds around the country. We are currently looking for alternative interactive panels that we can put on the fence.

The other issue is the removal of the Liberty Swing has upset some of the regular users. During the planning stages of the playground renewal, we put a lot of thought into making the new playground, accessible and inclusive. We felt the Liberty Swing was an exclusive play item and was not the image we wanted for the playground. We have the Liberty Swing in storage and considering options for where it can be used.

All playground renewals have been completed and the safety surface top up will be completed in early May.

Cemetery



9 Burials and 9 cremains interments this Month as well as 69 cremations.

A lot of enquiries about the natural burial area this month, with 3 reservations being made. As well as another natural burial bringing the total to 6 burials and 5 reservations to date.



Cemetery staff hand digging the grave, and the finished grave. The grave is only 900mm deep, and when backfilled, a layer of compost covers the casket to aid in the regeneration process.

We had a request for a seat in the cemetery and the family organised a plaque in memory of their loved one and it was installed by cemetery staff.



Anzac Day attracted another large crowd to the cemetery and the Airforce helicopter flyover was a fitting touch. Three transplanted trees from the old RSA site are doing well, and the associated plaques were installed at the base of these trees prior to Anzac Day.



Botanica

Visitor numbers for April: 1372

Another busy month of visitors at Botanica, enjoying the atmosphere and plants.

Council contractors were needed to remove a dead tree from the fernery and while they were there, they removed some limbs from a large Titoki to provide more light to the cactus house. The staff were very pleased with the outcome.

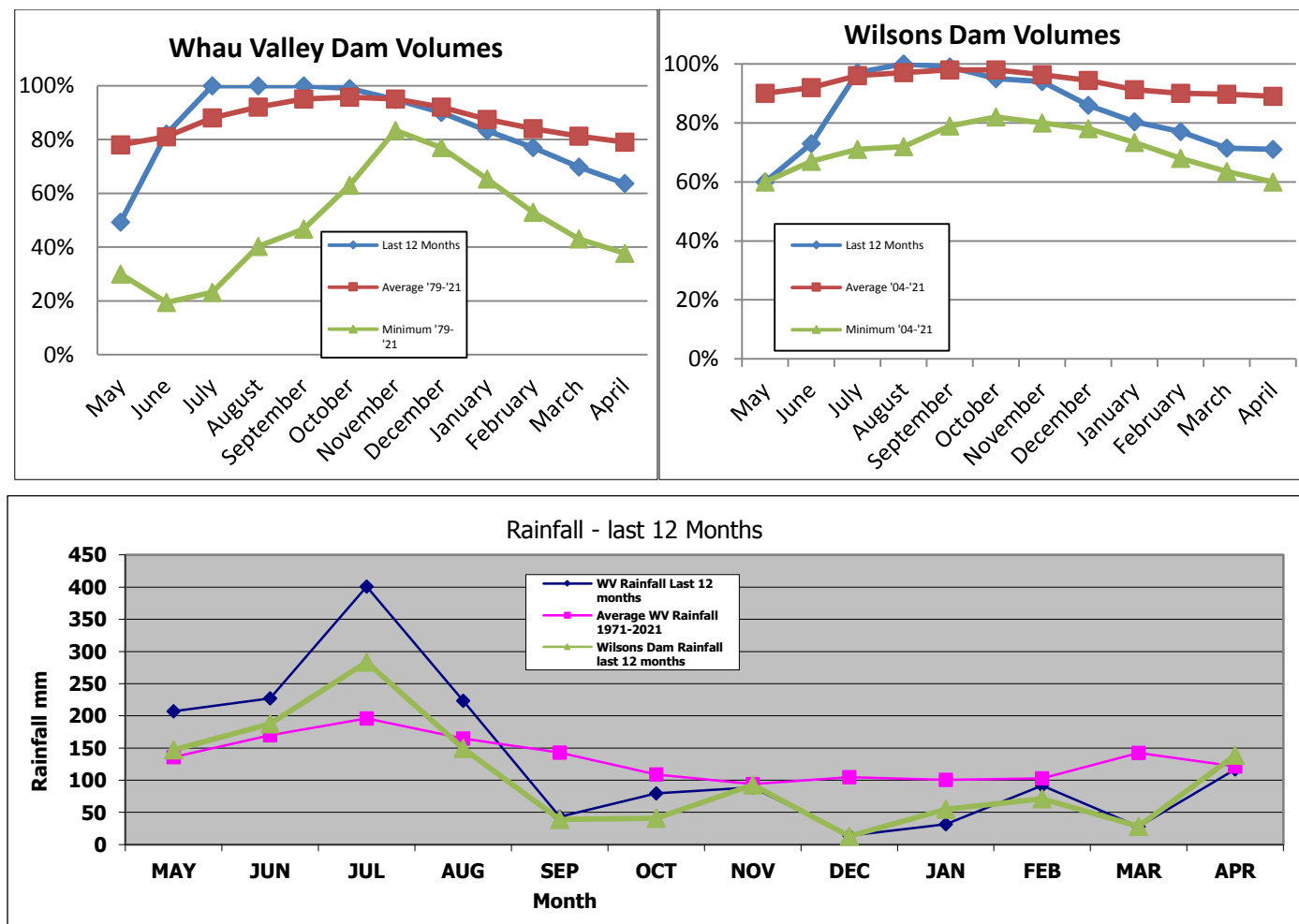
Preparations are underway for the annual Pohutukawa coast tree giveaway. This is always a very busy time for the staff, and they spend time moving things around, making room for the trees, and preparing information sheets for each tree variety.

Water Services

Operations

Rainfall and Water Sources

Heavy rain at the start of April helped to recharge rivers and lift dam levels slightly. However, the remainder of the month was very dry, and the monthly total was just less than the April average. This continues the record trend of a low cumulative rainfall since the beginning of Spring. Only 502 mm has fallen over these 8 months compared to the long-term average of 911mm. Wilsons Dam had 138.5mm of rain which was more than the April average of 85mm for that site. The dry last eight months is beginning to have an impact on dam levels which are dropping to below average levels. The Whau Valley Dam was at 55% at time of writing, which is below the average of 79% but above the same time last year (44%). Wilsons Dam remains steady at 71% which is also below average but above last year's level of 59%. Although the NIWA forecast is for average rainfall over the next 3 months, we are getting to the stage where we will need to see above average rainfall over winter to see the dams and aquifers re-fill.



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.

Other works

The algal bloom at Wilsons Dam continues and cell counts have actually risen in the last month. This may be due to the heavy rainfall at the beginning of April washing nutrients into the dam. However, levels are still lower than last year. Staff are optimistic that with continued treatment we may be able to get on top of it over Winter. The diatom dosing continues with the additional dosing equipment now operating in some of the shallower side arms of the reservoir.

The upgrade of the SCADA system is progressing well with most of the dams, treatment plants, reservoirs and pump stations having been upgraded. Ruddells water treatment plant was the most recent to be upgraded and now only Ruakaka treatment plants remains to be done. This will require the plant to be shut down for a week, so staff are working with the Refinery to determine a suitable time. The new system operates on the cellular network and should be significantly more reliable than the old radio telemetry.

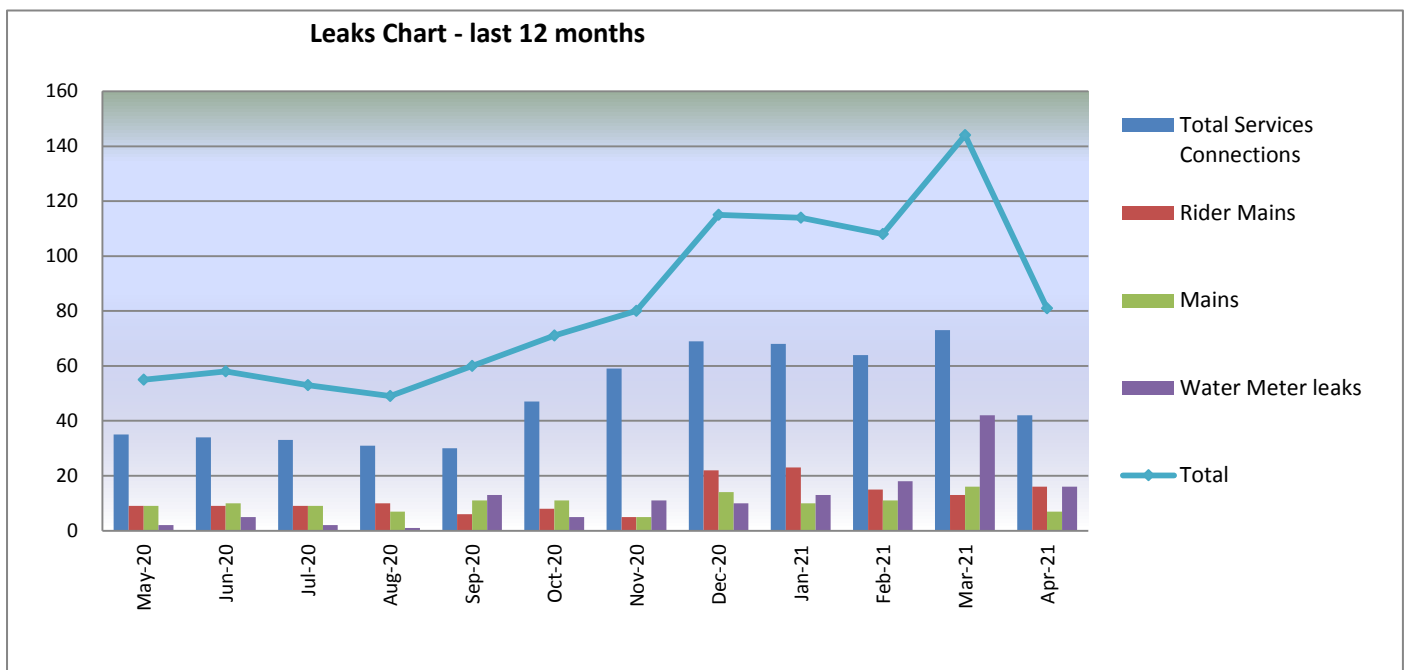
Distribution Report

Water Statistics

58	Connection leaks repaired
23	Rider/Main leaks repaired
34	New connections installed
46	Faulty meters replaced

A total of 58 service connection leaks were repaired together with 23 main and rider main leaks. The number of leaks in April dropped sharply due to the wet weather making leaks more difficult to spot and the completion of the leak detection programme. The number of leaks detected in March rose this was due to increased water meter detection work undertaken in February/March. It is anticipated the number of leaks will start to reduce if we get more rain over the remainder of Autumn and into Winter. A total of 34 new water connections were installed during the month and 45 meters were replaced after being reported faulty by the meter readers.

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



Capital Works

Reticulation Programmed Works

Water mains in Armstrong Ave and Barclay Place have experienced some breaks recently and have been fast tracked for replacement. Armstrong Ave is nearly complete, and Barclay Place will be done before the end of the financial year. Staff are also looking to upgrade water mains in the Town Basin and John Street area to take advantage of other works being undertaken in the area.

3 Waters Funding Projects

The Capital projects that will be funded by the Governments 3 Water fund are, Whau Valley Water Treatment Plant stage 2, Poroti Water Treatment Plant Upgrade – Design, Whareora Road watermain replacement, Rewa Rewa Road water main replacement, Kamo Road water main replacement and the installation of filling points. Work on Rewa Rewa Road and Whareora Roads are now complete and the Kamo main work is well underway. The Whau Valley WTP stage 2 work has been awarded to the existing contractor and is due for completion by the end of the year. The concept design for the Poroti upgrade has been completed work has now started on the preliminary design. Work has also started on the design of the electronic control system for the new filling points with the new controls being introduced at the Kioreroa Road filling point and appear to be working well.

Other projects

Work is underway to identify and secure land in Three Mile Bush for a new storage reservoir. A suitable site has been identified and geotechnical investigations have been completed. A valuation has been undertaken and approval will be sought from Council at the March Infrastructure meeting to purchase the site. Staff visited the site with a representative of the local hapu in March. It is hoped to be able to purchase the land as soon as possible so the construction can begin next financial year. Initial Geotechnical studies have also been undertaken at Kamo Reservoir and Waipu reservoirs ahead of future reservoir projects at these locations.

Consents and Compliance – Laboratory Water Quality Tests

Description	Number of Tests	Failures		Results	Goal	Retest
E. Coli leaving WTP	8	0		100%	100%	N/A
E. Coli within distribution	47	0		100%	100%	N/A
Free Available Chlorine within distribution (above 0.2mg/l)	71	0		100%	95%	N/A

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.